

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans 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.	OMB Nos. 1210-0110 1210-0089 2019 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2019 or fiscal plan year beginning <u>01/01/2019</u> and ending <u>12/31/2019</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) ____
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 If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)

Part II	Basic Plan Information —enter all requested information				
1a Name of plan <u>BAYER CORPORATION SAVINGS AND RETIREMENT PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>051</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>01/01/1984</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>051</u>	1c Effective date of plan <u>01/01/1984</u>	
1b Three-digit plan number (PN) ▶	<u>051</u>				
1c Effective date of plan <u>01/01/1984</u>					
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) <u>BAYER CORPORATION</u> <u>800 NORTH LINDBERGH BLVD, G5EE</u> <u>ST LOUIS, MO 63167</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>25-1339219</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>314-694-1000</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>325410</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>25-1339219</u>	2c Plan Sponsor's telephone number <u>314-694-1000</u>	2d Business code (see instructions) <u>325410</u>	
2b Employer Identification Number (EIN) <u>25-1339219</u>					
2c Plan Sponsor's telephone number <u>314-694-1000</u>					
2d Business code (see instructions) <u>325410</u>					

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 accompanying schedules, statements and attachments, 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.	10/15/2020	ALEXANDRA DORONKIN
	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
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2019)
v. 190130

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 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	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 30605
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	 6a(1) 21454 6a(2) 19934 6b 1399 6c 12976 6d 34309 6e 121 6f 34430 6g 33953 6h 802
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2T 3F 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☒ 4 **A** (Insurance Information)
- (4)** ☒ **C** (Service Provider Information)
- (5)** ☒ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2019 Form M-1 annual report. If the plan was not required to file the 2019 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan BAYER CORPORATION SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶	051
C Plan sponsor's name as shown on line 2a of Form 5500 BAYER CORPORATION	D Employer Identification Number (EIN) 25-1339219	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier NEW YORK LIFE

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-5582869	66915	GAC 343772	0	01/01/2019	12/31/2019

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).
(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	
5 Current value of plan's interest under this contract in separate accounts at year end	5	

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b Premiums paid to carrier.....	6b	
c Premiums due but unpaid at the end of the year.....	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☒ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year.....	7b	8467037
c Additions: (1) Contributions deposited during the year	7c(1)	
(2) Dividends and credits	7c(2)	
(3) Interest credited during the year	7c(3)	215206
(4) Transferred from separate account.....	7c(4)	
(5) Other (specify below)	7c(5)	
▶		
(6) Total additions.....	7c(6)	215206
d Total of balance and additions (add lines 7b and 7c(6))	7d	8682243
e Deductions:		
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
(2) Administration charge made by carrier	7e(2)	25318
(3) Transferred to separate account.....	7e(3)	
(4) Other (specify below)	7e(4)	4435335
▶ STAGGERED AND YEAR END PAYOUT		
(5) Total deductions.....	7e(5)	4460653
f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	4221590

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received.....	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves.....	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees.....	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses.....	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.....	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019	
A Name of plan BAYER CORPORATION SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 051
C Plan sponsor's name as shown on line 2a of Form 5500 BAYER CORPORATION	D Employer Identification Number (EIN) 25-1339219

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier NEW YORK LIFE

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-5582869	66915	GAC34377	0	01/01/2019	12/31/2019

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.	
(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).
(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end	5	
6	Contracts With Allocated Funds:		
a	State the basis of premium rates ▶		
b	Premiums paid to carrier.....	6b	
c	Premiums due but unpaid at the end of the year.....	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	
e	Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity (3) ☐ other (specify) ▶		
f	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐		
7	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)		
a	Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee (3) ☒ guaranteed investment (4) ☐ other ▶		
b	Balance at the end of the previous year.....	7b	5987860
c	Additions: (1) Contributions deposited during the year	7c(1)	
	(2) Dividends and credits	7c(2)	
	(3) Interest credited during the year	7c(3)	202796
	(4) Transferred from separate account.....	7c(4)	
	(5) Other (specify below)	7c(5)	
	▶		
	(6) Total additions.....	7c(6)	202796
d	Total of balance and additions (add lines 7b and 7c(6))	7d	6190656
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
	(2) Administration charge made by carrier	7e(2)	20876
	(3) Transferred to separate account.....	7e(3)	
	(4) Other (specify below)	7e(4)	327706
	▶ YEAR END PAYOUT		
	(5) Total deductions.....	7e(5)	348582
f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	5842074

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received.....	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves.....	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees.....	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses.....	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.....	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan BAYER CORPORATION SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶	051
C Plan sponsor's name as shown on line 2a of Form 5500 BAYER CORPORATION	D Employer Identification Number (EIN) 25-1339219	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier METROPOLITAN LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-5581829	65978	32713-071	0	01/01/2019	12/31/2019

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).
(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

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	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	
5 Current value of plan's interest under this contract in separate accounts at year end	5	

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b Premiums paid to carrier.....	6b	
c Premiums due but unpaid at the end of the year.....	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year.....	7b	123942023
c Additions: (1) Contributions deposited during the year	7c(1)	
(2) Dividends and credits	7c(2)	
(3) Interest credited during the year	7c(3)	3267944
(4) Transferred from separate account.....	7c(4)	
(5) Other (specify below)	7c(5)	
▶		
(6) Total additions.....	7c(6)	3267944
d Total of balance and additions (add lines 7b and 7c(6))	7d	127209967
e Deductions:		
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	32521118
(2) Administration charge made by carrier	7e(2)	
(3) Transferred to separate account.....	7e(3)	
(4) Other (specify below)	7e(4)	
▶		
(5) Total deductions.....	7e(5)	32521118
f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	94688849

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received.....	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves.....	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees.....	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses.....	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.....	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan BAYER CORPORATION SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶	051
C Plan sponsor's name as shown on line 2a of Form 5500 BAYER CORPORATION	D Employer Identification Number (EIN) 25-1339219	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
---------------	---

1 Coverage Information:

(a) Name of insurance carrier NATIONWIDE INSURANCE COMPANY
--

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
31-4156830	66869	NIS_MON_IP_0716	0	01/01/2019	12/31/2019

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).
(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4															
5	Current value of plan's interest under this contract in separate accounts at year end	5															
6	Contracts With Allocated Funds:																
a	State the basis of premium rates ▶																
b	Premiums paid to carrier.....	6b															
c	Premiums due but unpaid at the end of the year.....	6c															
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d															
e	Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity (3) ☐ other (specify) ▶																
f	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐																
7	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)																
a	Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee (3) ☐ guaranteed investment (4) ☐ other ▶																
b	Balance at the end of the previous year.....	7b	110589453														
c	Additions: (1) Contributions deposited during the year (2) Dividends and credits (3) Interest credited during the year (4) Transferred from separate account..... (5) Other (specify below) ▶	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">7c(1)</td><td></td></tr> <tr><td>7c(2)</td><td></td></tr> <tr><td>7c(3)</td><td style="text-align: right;">3090685</td></tr> <tr><td>7c(4)</td><td></td></tr> <tr><td>7c(5)</td><td></td></tr> <tr><td colspan="2" style="height: 40px;"></td></tr> <tr><td colspan="2">7c(6)</td></tr> </table>	7c(1)		7c(2)		7c(3)	3090685	7c(4)		7c(5)				7c(6)		3090685
7c(1)																	
7c(2)																	
7c(3)	3090685																
7c(4)																	
7c(5)																	
7c(6)																	
(6) Total additions.....	7c(6)																
d	Total of balance and additions (add lines 7b and 7c(6))	7d	113680138														
e	Deductions: (1) Disbursed from fund to pay benefits or purchase annuities during year (2) Administration charge made by carrier (3) Transferred to separate account..... (4) Other (specify below) ▶	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">7e(1)</td><td style="text-align: right;">22709885</td></tr> <tr><td>7e(2)</td><td></td></tr> <tr><td>7e(3)</td><td></td></tr> <tr><td>7e(4)</td><td></td></tr> <tr><td colspan="2" style="height: 40px;"></td></tr> <tr><td colspan="2">7e(5)</td></tr> </table>	7e(1)	22709885	7e(2)		7e(3)		7e(4)				7e(5)		22709885		
7e(1)	22709885																
7e(2)																	
7e(3)																	
7e(4)																	
7e(5)																	
(5) Total deductions.....	7e(5)																
f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	90970253														

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received.....	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves.....	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees.....	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses.....	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.....	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2019
		This Form is Open to Public Inspection.

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019	
A Name of plan BAYER CORPORATION SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 051
C Plan sponsor's name as shown on line 2a of Form 5500 BAYER CORPORATION	D Employer Identification Number (EIN) 25-1339219

Part I	Service Provider Information (see instructions)
---------------	--

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
FIDELITY INSTL INV CO
04-2647786

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

THE VANGUARD GROUP, INC.

23-1945930

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 25 26 37 52	NONE	1779161	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

STRATEGIC ADVISORS INC

04-2654524

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 50	INV ADVISOR	1318487	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

FIDELITY INV INSTL OPS

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 64 65	RECORDKEEPER	823092	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

DODGE & COX

94-1441976

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 25 50	NONE	588340	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BLACKROCK

98-0510248

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 25 50	NONE	92780	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2019 This Form is Open to Public Inspection.
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan <u>BAYER CORPORATION SAVINGS AND RETIREMENT PLAN</u>	B Three-digit plan number (PN) <u>051</u>	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>BAYER CORPORATION</u>	D Employer Identification Number (EIN) <u>25-1339219</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
---------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VFTC TARGET RET. 2015 TRUST PLUS</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>90-0735891-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>138395570</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VFTC TARGET RET. 2020 TRUST PLUS</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>90-0735899-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>353122422</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VFTC TARGET RET. 2025 TRUST PLUS</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>90-0735963-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>584526745</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VFTC TARGET RET. 2030 TRUST PLUS</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>90-0735964-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>565683024</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VFTC TARGET RET. 2035 TRUST PLUS</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>90-0735965-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>589451528</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VFTC TARGET RET. 2040 TRUST PLUS</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>90-0735971-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>501549633</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VFTC TARGET RET. 2045 TRUST PLUS</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD FIDUCIARY TRUST COMPANY</u>		
c EIN-PN <u>90-0735972-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>381451987</u>

a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RET. 2050 TRUST PLUS		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735976-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 226462910
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RET. 2055 TRUST PLUS		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735978-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 94357738
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RET. 2060 TRUST PLUS		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 45-3799736-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 23137884
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RET. 2065 TRUST PLUS		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 82-6204383-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6688831
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC INST. TTL. INT. STOCK INDEX TR		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 81-6316167-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 279060612
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC TARGET RET. INCOME TRUST PLUS		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 90-0735883-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 98868243
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC INSTITUTIONAL 500 INDEX TRUST		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 81-6327546-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1370155807
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC INST. EXT. MARKET INDEX TRUST		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 81-6324211-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 234374871
a Name of MTIA, CCT, PSA, or 103-12 IE: VFTC INST. TTL. BOND MKT INDEX TRST		
b Name of sponsor of entity listed in (a): VANGUARD FIDUCIARY TRUST COMPANY		
c EIN-PN 81-6321044-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: LOOMIS SAYLES CORE PLUS FIXED INCOM		
b Name of sponsor of entity listed in (a): LOOMIS SAYLES TRUST COMPANY LLC		
c EIN-PN 84-6391546-010	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 124228867

a Name of MTIA, CCT, PSA, or 103-12 IE: **NYL COLLECTIVE TRUST**

b Name of sponsor of entity listed in (a): **NEW YORK LIFE**

c EIN-PN 13-3808142-210	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
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a Name of MTIA, CCT, PSA, or 103-12 IE: **METLIFE SEPARATE ACCOUNT**

b Name of sponsor of entity listed in (a): **METROPOLITAN LIFE**

c EIN-PN 13-5581829-401	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2019 This Form is Open to Public Inspection
For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan BAYER CORPORATION SAVINGS AND RETIREMENT PLAN	B Three-digit plan number (PN) ►	051
C Plan sponsor's name as shown on line 2a of Form 5500 BAYER CORPORATION	D Employer Identification Number (EIN) 25-1339219	

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	0	3316
(2) Participant contributions.....	1b(2)	0	11893178
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	0	34034578
(2) U.S. Government securities	1c(2)	0	61038473
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	13064010
(B) All other.....	1c(3)(B)	0	43446503
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	1235599
(B) Common.....	1c(4)(B)	0	241046364
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)	38041702	72752749
(9) Value of interest in common/collective trusts	1c(9)	2902986509	6030023452
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	1917769424	1901618834
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	14454897	195876220
(15) Other.....	1c(15)	0	754107588

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	4873252532	9360140864

Liabilities

g Benefit claims payable	1g	0	735094
h Operating payables	1h	0	976059
i Acquisition indebtedness	1i		
j Other liabilities	1j		14285168
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	15996321

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	4873252532	9344144543
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	262900996	
(B) Participants	2a(1)(B)	243379055	
(C) Others (including rollovers)	2a(1)(C)	36567997	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		542848048
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	869833	
(B) U.S. Government securities	2b(1)(B)	1224971	
(C) Corporate debt instruments	2b(1)(C)	1724093	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	2865403	
(F) Other	2b(1)(F)	23367197	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		30051497
(2) Dividends: (A) Preferred stock	2b(2)(A)	32722	
(B) Common stock	2b(2)(B)	3264779	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	110207509	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		113505010
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	148735729	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	146755981	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		1979748
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	18358009	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		18358009

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		829722370
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		265650405
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		1802115087

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	900919109	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		900919109
f Corrective distributions (see instructions)	2f		19419
g Certain deemed distributions of participant loans (see instructions)	2g		155881
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	3667424	
(4) Other	2i(4)	934366	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		4601790
j Total expenses. Add all expense amounts in column (b) and enter total	2j		905696199

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		896418888
l Transfers of assets:			
(1) To this plan	2l(1)		3574473123
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unmodified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: SCHNEIDER DOWNS & CO., INC.

(2) EIN: 25-1408703

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

	Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....			
4d		X	
e Was this plan covered by a fidelity bond?	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?.....			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?.....			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	X		
4m	X		
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	X		
4n	X		

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b 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.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c 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 _____. (See instructions.)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2019 This Form is Open to Public Inspection.
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan <u>BAYER CORPORATION SAVINGS AND RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>051</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>BAYER CORPORATION</u>	D Employer Identification Number (EIN) <u>25-1339219</u>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>23-2186884</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 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 ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☐ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☐ No
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Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

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

Schedule R (Form 5500) 2019
v. 190130

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****14c**

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year

b The corresponding number for the second preceding plan year

15a**15b**

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers

16a**16b**

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

- a** Enter the percentage of plan assets held as:

Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate line 19(b)?

☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

- a** Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

- b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

BAYER CORPORATION SAVINGS AND RETIREMENT PLAN

Financial Statements as of and for the Years Ended
December 31, 2019 and 2018 and Supplemental Schedule
as of December 31, 2019

BAYER CORPORATION
SAVINGS AND RETIREMENT PLAN

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INDEPENDENT AUDITORS' REPORT

To the Plan Administrator
Bayer Corporation Savings and Retirement Plan
Pittsburgh, Pennsylvania

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the Bayer Corporation Savings and Retirement Plan (Plan), which comprise the statements of net assets available for benefits as of December 31, 2019 and 2018, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the Plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Fidelity Management Trust Company (Fidelity), the trustee of the Plan as of December 31, 2019 and 2018, except for comparing the information with the related information included in the financial statements. We have been informed by the Plan administrator that Vanguard Fiduciary Trust Company held the Plan's investment assets and executed investment transactions from January 1, 2018 to December 31, 2018 and that Fidelity held the Plan's investment assets and executed investment transactions from December 31, 2018 to December 31, 2019. The Plan administrator has obtained certifications from the trustees as of and for the years ended December 31, 2019 and 2018, that the information provided to the Plan administrator by the trustees is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

The supplemental schedule of assets (held at end of year) as of December 31, 2019 is required by the DOL Rules and Regulations for Reporting and Disclosure under ERISA and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule referred to above.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the DOL Rules and Regulations for Reporting and Disclosure under ERISA.

Schneider Downs + Co. Inc.

Pittsburgh, Pennsylvania
October 1, 2020

BAYER CORPORATION SAVINGS AND RETIREMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

<u>December 31</u>	<u>2019</u>	<u>2018</u>
ASSETS		
INVESTMENTS – At fair value	\$ 8,298,433,361	\$ 4,242,245,331
INVESTMENTS – At contract value	<u>972,958,433</u>	<u>592,965,499</u>
Total Investments	9,271,391,794	4,835,210,830
NOTES RECEIVABLE – Participant loans	72,752,749	38,041,702
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 9,344,144,543</u>	<u>\$ 4,873,252,532</u>

The accompanying notes are an integral part of these financial statements.

BAYER CORPORATION SAVINGS AND RETIREMENT PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

For the years ended December 31	2019	2018
ADDITIONS		
Contributions:		
Participants	\$ 243,379,055	\$ 142,804,986
Employer	262,900,996	156,521,386
Rollovers	36,567,997	19,016,044
Total contributions	<u>542,848,048</u>	<u>318,342,416</u>
Investment income:		
Interest and dividends	140,691,104	130,512,588
Net appreciation/(depreciation) in the fair value of investments	<u>1,115,710,532</u>	<u>(382,323,877)</u>
Total investment income/(loss)	<u>1,256,401,636</u>	<u>(251,811,289)</u>
Interest income - notes receivable - participant loans	<u>2,865,403</u>	<u>1,529,736</u>
Total additions	<u>1,802,115,087</u>	<u>68,060,863</u>
DEDUCTIONS		
Administrative expenses	(4,601,790)	(2,225,902)
Benefits paid to participants	<u>(901,094,409)</u>	<u>(575,112,640)</u>
Total deductions	<u>(905,696,199)</u>	<u>(577,338,542)</u>
NET TRANSFERS	<u>3,574,473,123</u>	<u>-</u>
CHANGE IN NET ASSETS AVAILABLE FOR BENEFITS	<u>4,470,892,011</u>	<u>(509,277,679)</u>
NET ASSETS AVAILABLE FOR BENEFITS, BEGINNING OF YEAR	<u>4,873,252,532</u>	<u>5,382,530,211</u>
NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR	<u><u>\$ 9,344,144,543</u></u>	<u><u>\$4,873,252,532</u></u>

The accompanying notes are an integral part of these financial statements.

BAYER CORPORATION SAVINGS AND RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2019 AND 2018

1. DESCRIPTION OF PLAN

The following brief description of the Bayer Corporation Savings and Retirement Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the plan document or the summary plan description for more complete information.

General

The Plan is a defined contribution savings plan available to certain union and non-union employees of Bayer Corporation (the “Company”). The Company is the designated Plan sponsor and is also responsible for the administration of the Plan. Fidelity Management Trust Company (“Fidelity”) is the trustee of the Plan. The Vanguard Fiduciary Trust Company (“Vanguard”) was the trustee of the Plan through December 31, 2018.

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”), as amended.

The Monsanto Savings and Investment Plan merged into the Plan effective June 29, 2019. As a result of this merger assets of \$3.6 billion were transferred into the Plan.

Contributions

The Company matches a percentage of employee contributions as defined by the Plan. The Company contributes 100 percent of the first 3 percent and 50 percent of the next 4 percent of eligible compensation that a participant contributes to the Plan. The Company has Collective Bargaining Agreements (“CBA”) with various unions. Each CBA determines the Company’s matching contribution rate for eligible employees covered by the applicable CBA.

The Company contributes an additional 5 percent of eligible compensation, as defined by the Plan, for employees not covered by a CBA. Employees may qualify for an additional contribution beyond the 5 percent based upon their age and years of benefit service under predecessor defined benefit pension plans. These contributions (collectively referred to as “retirement contributions”) are in addition to the funding provisions of the Plan as described in the preceding paragraph. Individual CBA’s determine the participation date and the Company contribution rate for eligible employees covered by the applicable CBA.

The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan, unless they affirmatively elect not to participate, with a default deferral rate set at 5% of eligible compensation. Under the auto-enrollment provision the deferral rate will automatically increase one percentage point each April until the deferral rate reaches 7%, unless they affirmatively decline this option.

Effective January 1, 2017, employees may elect to contribute up to 50 percent of their compensation in the form of pre-tax contributions, Roth 401(k) contributions and traditional after-tax contributions. Employees who attain age 50 by December 31 and who meet other eligibility criteria are able to make additional “catch-up” contributions to the Plan. The maximum catch-up contribution amount was \$6,000 of the years ended December 31, 2019 and 2018. Employee contributions include rollover amounts from other qualified retirement plans.

1. DESCRIPTION OF PLAN (Continued)

Each participant can elect to have their employee contributions, the matching employer contributions and retirement contributions invested in any of the available investment options in whole-numbered increments of one percent. This election may be changed daily with proper notification.

Participants may elect to enroll in a fee-based investment advisory program offered by an affiliate of the trustee. Fees are based on a percentage of assets of the participants' account. (See Note 6)

Participant Accounts

Each participant's account is credited with the participant's contribution and an allocation of the Company's contribution and Plan earnings less administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their contributions and company matching contributions plus actual earnings thereon.

Vesting in the Company's retirement contribution portion of participant accounts is based upon years of vesting service. Years of service recognized for vesting includes years of vesting service prior to 2006 as determined by participation in predecessor defined benefit pension plans sponsored by the Company. The Company retirement contributions vest after three years of vesting service.

Benefit Payments and Forfeitures

The Plan provides for withdrawals of after-tax savings contributions during a participant's employment. A participant may withdraw in cash all, or fifty percent of, the value and earnings thereon. After-tax savings contributions that have not been "matched" by Company contributions may be withdrawn not more than once in any Plan year.

The full value of a participant's account is payable at retirement and at termination due to disability or death. There are also Plan provisions for withdrawals caused by a break in service by reason other than retirement, permanent shutdown, total and permanent disability or death.

Forfeitures by non-vested participants are used to reduce employer contributions. The forfeited balances at December 31, 2019 and 2018 were \$2,041,770 and \$258,426, respectively. Forfeitures used to reduce employer contributions for years ended December 31, 2019 and 2018 were \$4,546,531 and \$2,688,996, respectively.

Notes Receivable - Participant Loans

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account. The loan interest rate, determined quarterly, is set at 2 percent above the prime rate, as defined. However, the rate is fixed at the inception of the loan for the life of the loan. Principal and interest is paid ratably through monthly payroll deductions.

Participant loans are valued at the unpaid principal balance plus unpaid accrued interest, which approximates fair value.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accompanying financial statements of the Plan have been prepared on the accrual basis and in accordance with accounting principles generally accepted in the United States of America.

Valuation of Investments and Income Recognition

The investments of the Plan are reported at fair value, with the exception of the Fixed Fund investment contract that is reported at contract value. The fair value of a financial instrument is the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

Investment transactions are recorded on the trade date basis. Net appreciation/(depreciation) in the fair value of investments is comprised of the unrealized depreciation and appreciation on investments held during the year and the realized gain (loss) on investments sold during the year (which is computed using the average cost method based on the beginning market value). Dividend income is recorded on the ex-dividend date and interest is accrued when earned.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, and disclosure of contingent assets and liabilities at the date of the financial statements. Significant estimates of the Plan include the valuation of investments. Actual results could materially differ from those estimates.

Risks and Uncertainties

The Plan utilizes various investment instruments. Investment securities, in general, are exposed to various risks, such as interest rate, credit and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits.

Payment of Benefits

Benefits are recorded when paid.

Plan Expenses

Certain administrative expenses incurred in the operation of the Plan are paid directly by the Company and are not reflected in the accompanying financial statements (See Note 6).

Plan Termination

Although it has not expressed any intention to do so, the Company has the right under the Plan in certain circumstances to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event of Plan termination, all account balances are fully vested, nonforfeitable and would be distributed to participants, as defined by the Plan, within a reasonable time following termination.

3. INFORMATION CERTIFIED BY THE TRUSTEE (UNAUDITED)

All information related to investments and notes receivable from participants disclosed in the accompanying financial statements and supplemental schedule, including investments and notes receivable from participants held at December 31, 2019 and 2018, and investment income and interest income – notes receivable - participant loans for the year ended December 31, 2019 was obtained or derived from information supplied to the plan administrator and certified as complete and accurate by Fidelity for the period January 1, 2019 to December 31, 2019 and by Vanguard for the period January 1, 2018 to December 31, 2018 (the trustees of the Plan).

4. FIXED FUND INVESTMENT CONTRACTS (UNAUDITED)

Wrapper Contracts

The Bayer Corporation Fixed Fund (“Fixed Fund”) holds wrapper contracts in order to manage market risks and to alter the return characteristics of underlying securities to match certain fixed income fund objectives. Wrapper contracts generally change the investment characteristics of underlying securities to those of guaranteed investment contracts. The wrapper contracts provide that benefit-responsive distributions for specific underlying securities may be withdrawn at contract or face value. Benefit responsive distributions generally are defined as a withdrawal on account of a participant’s retirement, disability, or death or participant directed transfer in accordance with the terms of the plan.

The Fixed Fund investments primarily consist of traditional (such as investment contracts issued by life insurance companies, banks, U.S. Government securities, mutual funds – including Fidelity and Vanguard investments, and collective investment trusts) and synthetic investment contracts. For synthetic investment contracts, the Plan holds underlying investments which are “wrapped” by a contract issued by a third party. The wrap contracts are designed to smooth out the impact of normal market fluctuations of the underlying investments. The difference between the market value of the underlying investments and the reported value of the synthetic investment contract is generally the implicit value of the wrap contract. All investments and the wrap contract are benefit responsive. Units held in the Fixed Fund are valued at contract value as reported by the investment trustee as of December 31, 2019 and 2018.

The Fixed Fund is subject to an Investment Management Agreement (the Agreement) between the Company and Vanguard which, among other things, subjects Vanguard to investment guidelines such as minimum average credit ratings and a minimum average duration of two to four years of the underlying investments.

The Fixed Fund seeks to achieve its objective by diversifying among high-credit-quality investments and investment contracts that are structured to smooth market gains and losses over time. The Fixed Fund is managed to maintain a \$1 unit price; however, there is no guarantee that the fund will maintain this value.

The Fixed Fund may not be able to maintain a stable net asset value if, for any reason, it cannot obtain or maintain wrap contracts covering all of its underlying assets. This could result from the Fixed Fund’s inability to promptly find a replacement wrap contract following termination of a wrap contract.

In the event that wrap contracts fail to perform as intended, the Fixed Fund’s net asset value may decline if the market value of its assets decline. The Fixed Fund’s ability to receive amounts due pursuant to these wrap contracts is dependent on the third-party issuer’s ability to meet their financial obligations. The wrap issuer’s ability to meet its contractual obligations under the wrap contracts may be affected by future economic and regulatory developments.

4. FIXED FUND INVESTMENT CONTRACTS (Continued)

Vanguard has implemented an equity wash provision. This provision limits participants from exchanging their shares at fully-accumulated value for shares of noncompeting funds. Assets exchanged from the Fixed Fund must remain in the noncompeting fund for a minimum of 90 days. Management believes that the occurrence of this event is not probable.

	Weighted Average Duration to Final Maturity (in years)	Crediting Interest Rate	December 31, 2019
Bayer Corporation Stable Value Fund			
Synthetic Contracts			
Transamerica Premier Life	3.20	2.47%	\$ 54,762,128
Transamerica Life Insurance	3.50	2.72%	89,527,685
Massachusetts Mutual	3.08	2.53%	44,049,384
Lincoln National Life Insurance Co.	3.08	2.33%	24,197,884
Pacific Life Insurance Co	2.94	2.79%	42,735,380
State Street Bank	3.07	2.65%	69,535,888
American General Life	3.13	2.77%	54,007,560
JPMorgan Chase	2.47	2.74%	51,768,142
Prudential Insurance Co.	3.98	2.45%	132,676,030
Prudential Insurance Co.	3.51	2.61%	75,325,129
Nationwide Life	3.09	3.22%	90,970,252
Nationwide Life	3.10	2.60%	35,989,813
New York Life Insurance Co.	3.29	2.02%	30,389,570
Metropolitan Life	3.09	3.90%	94,688,849
Metropolitan Life	3.10	2.44%	46,011,879
Traditional Contracts			
New York Life GAC 343772	0.88	2.25%	4,233,215
New York Life GAC 34377	3.21	3.05%	5,983,902
Fidelity Government Money Market Fund			26,105,743
Bayer Corporation Stable Value Fund Investments, contract value			\$ 972,958,433

4. FIXED FUND INVESTMENT CONTRACTS (Continued)

	Weighted Average Duration to Final Maturity (in years)	Crediting Interest Rate	December 31, 2018
Bayer Corporation Fixed Fund			
Synthetic Contracts			
Transamerica Premier Life	3.27	2.62%	\$ 75,059,946
United of Omaha	2.94	2.79%	69,776,389
State Street Bank	2.96	2.82%	85,929,912
American General Life	3.13	2.77%	52,537,726
JPMorgan Chase	2.84	2.74%	67,580,189
Prudential Insurance Co.	3.55	2.87%	86,072,242
Nationwide Life	3.16	2.85%	34,981,444
New York Life	3.91	2.79%	19,258,735
Metropolitan Life	2.75	2.47%	51,177,039
Traditional Contracts			
New York Life GAC 343772	1.88	2.25%	8,467,037
New York Life GAC 34377	4.21	3.05%	5,987,860
Fidelity Government Money Market Fund			36,136,980
Bayer Corporation Fixed Fund Investments, contract value			\$ 592,965,499

5. FAIR VALUE MEASUREMENTS

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

Basis of Fair Value Measurement

Level 1 Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities;

Level 2 Quoted prices in markets that are not considered to be active or financial instruments for which all significant inputs are observable, either directly or indirectly;

Level 3 Prices or valuations that require inputs that are both significant to the fair value measurement and unobservable.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

The following is a description of the valuation methodologies used for assets measured at fair value.

Registered Investment Companies

Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily value and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Target Date Trust Funds

The Trust Funds invest in Vanguard mutual funds using an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of the target year. The Trust Funds consist of various retirement target date funds that seek to provide capital appreciation and current income consistent with current asset allocations. The Trust Funds' asset allocations will become more conservative over time. The Trust Funds' indirect bond holdings are a diversified mix of short-, intermediate-, and long-term U.S. government, U.S. agency, and investment-grade U.S. corporate bonds; inflation-protected public obligations issued by the U.S. Treasury; mortgage-backed and asset-backed securities; and government, agency, corporate, and securitized investment-grade foreign bonds issued in currencies other than the U.S. dollar (but hedged by Vanguard to minimize currency exposures). The Trust Funds' indirect stock holdings are a diversified mix of U.S. and foreign large-, mid-, and small-capitalization stocks. The target retirement trust funds held by the Plan are deemed to be actively traded.

Vanguard has implemented a trading policy on certain Target Retirement Trust Funds in an effort to discourage short-term trading. The funds included in the trading policy restriction prohibit a participant from selling the fund and repurchasing the same fund within sixty days.

5. FAIR VALUE MEASUREMENTS (Continued)

Common/Collective Trust Funds

The common/collective trust funds consist of the following.

Loomis Sayles Core Plus Trust: The Loomis Sayles Fund seeks to outperform the Bloomberg Barclays Capital US Aggregate Bond Index while maintaining a benchmark-aware risk return objective. Additionally, the fund seeks portfolios to be diversified by sector, industry and issuer. The fund managers work to identify attractively priced securities with projected stable or improving credit profiles and favorable risk/return characteristics. Valued using the NAV provided by the administrator of the fund on each valuation date. The NAV is used as a practical expedient to estimate fair value. The per unit net asset value of the fund is determined each business day.

There are no unfunded commitments, redemption restrictions, or limitations on the frequency of redemption of these funds that utilize net asset value as a practical expedient.

The methods described above may provide a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. While the Plan believes its valuation methods are appropriate and consistent with other market participants, it is possible that different fair value measurements may arise due to the use of different methodologies or assumptions in determining the fair value measurement at the reporting date.

Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs. There have been no changes in the valuation methodologies used at December 31, 2019 and 2018.

The following tables set forth by level within the fair value hierarchy the Plan investment assets at fair value as of December 31, 2019 and 2018. As required by ASC 820, assets and liabilities are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The Plan had no material financial liabilities as of December 31, 2019 and 2018.

Investment Assets at Fair Value as of December 31, 2019				
	Level 1	Level 2	Level 3	Total
Registered investment companies	\$4,610,507,978	\$ -	\$ -	\$4,610,507,978
Target Date funds	3,563,696,516	-	-	3,563,696,516
Total assets in the fair value hierarchy	<u>\$8,174,204,494</u>	<u>-</u>	<u>-</u>	<u>\$8,174,204,494</u>
Investments measured at net asset value (a)				
Stable value fund				<u>124,228,867</u>
				<u>\$8,298,433,361</u>

5. FAIR VALUE MEASUREMENTS (Continued)

	Investment Assets at Fair Value as of December 31, 2018			
	Level 1	Level 2	Level 3	Total
Registered investment companies	\$2,936,566,698	\$ -	\$ -	2,936,566,698
Target Date funds	1,279,694,379	-	-	1,279,694,379
Total assets in the fair value hierarchy	<u>\$4,216,261,077</u>	<u>-</u>	<u>-</u>	<u>\$4,216,261,077</u>
Investments measured at net asset value (a)				
Stable value fund				<u>25,984,254</u>
				<u>\$4,242,245,331</u>

(a) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits. There are no unfunded commitments, the redemption frequency is daily, and there is no redemption notice period.

6. RELATED PARTY TRANSACTIONS

The plan's assets invested in funds managed by Fidelity, who was the record-keeper and trustee of the Plan for the period January 1, 2019 to December 31, 2019 and therefore, these transactions qualify as exempt party-in interest transactions. Fees paid to Fidelity consist of loan fees totaling \$73,602 and investment management fees of \$4,528,188 for the year ended December 31, 2019.

The Plan's assets invested in funds managed by Vanguard, who was the trustee of the Plan for the period January 1, 2018 to December 31, 2018 and, therefore, these transactions qualify as party-in-interest transactions. Fees paid to Vanguard or its affiliates consist of loan fees totaling \$54,680 and investment management fees of \$2,171,222 for the year ended December 31, 2018.

Loan, redemption and reissued check fees are specifically charged to the participant's account. If a participant elects to enroll in the fee-based advisory program, fees are based on the enrolled participant's account balance and directly charged to their account (See Note 1).

7. TAX STATUS

The Internal Revenue Service has determined and informed the Company by letter on March 17, 2016 that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code ("IRC"). The plan administrator believes that the Plan is designed and currently being operated in compliance with the applicable provisions of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the relevant taxing authority.

The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The plan administrator believes that the Plan is no longer subject to income tax examinations for years prior to 2016.

8. SUBSEQUENT EVENTS

The coronavirus pandemic could materially and adversely affect the Plan, its operations, and its performance. Government imposed quarantines has caused market performance of the investments to decline. Additionally, on March 27, 2020, the Coronavirus Aid, Relief, and Economic Security Act (CARES Act) was signed into law which provides both plan, plan sponsor, and participant relief. If adopted by the Plan, key features of the CARES Act may have a significant affect on the operations of the Plan. Management of the Plan is unable to accurately predict how the coronavirus will affect the results of Plan operations because of the severity and duration of the pandemic are uncertain. However, while it is premature to accurately predict the ultimate impact of these developments, the Plan expects its results for the year ended December 31, 2020 to be materially impacted.

The plan evaluates events and transactions occurring subsequent to the date of the financial statements. The accompanying financial statements consider events through October 1, 2020, the date on which the financial statements were available to be issued.

BAYER CORPORATION SAVINGS AND RETIREMENT PLAN

FORM 5500 SCHEDULE H, LINE 4(i)
SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN: 25-1339219 PLAN NUMBER: 051
DECEMBER 31, 2019

COLUMN A	COLUMN B Identity of Issue, Borrower, Lessor or Similar Party	COLUMN C Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	COLUMN D Cost	COLUMN E Current Value
*	DFA US Small Cap Value Portfolio	Registered Investment Company	** \$	98,173,625
*	PIMCO All Asset Fund Inst'l Shares	Registered Investment Company	**	25,972,851
*	Vanguard Explorer Fund Admiral Shares	Registered Investment Company	**	410,546,929
*	Blackrock US Treasury Inflation Protected Securities Index Fund	Registered Investment Company	**	76,813,816
*	Vanguard International Growth Fund Admiral Shares	Registered Investment Company	**	212,696,793
*	Vanguard International Value Fund	Registered Investment Company	**	125,143,842
*	Vanguard PRIMECAP Fund Admiral Shares	Registered Investment Company	**	608,732,456
*	Blackrock Total US Bond Index Fund	Registered Investment Company	**	381,173,612
*	Vanguard Windsor Fund Admiral Shares	Registered Investment Company	**	394,417,450
*	Vanguard Institutional 500 Index Trust	Registered Investment Company	**	1,370,155,807
*	Vanguard Institutional Extended Market Index Trust	Registered Investment Company	**	234,374,871
*	PIMCO International Bond Fund (US Dollar Hedged)	Registered Investment Company	**	25,934,888
*	Vanguard Institutional Total International Stock Market Index Trust	Registered Investment Company	**	279,060,612
*	Dodge & Cox Balanced Fund	Registered Investment Company	**	367,310,426
*	Loomis Sayles Core Plus Trust: Class A	Common/Collective Trust	**	124,228,867
*	Vanguard Target Retirement 2015 Trust Plus	Target Date Fund	**	138,395,571
*	Vanguard Target Retirement 2020 Trust Plus	Target Date Fund	**	353,122,422
*	Vanguard Target Retirement 2025 Trust Plus	Target Date Fund	**	584,526,745
*	Vanguard Target Retirement 2030 Trust Plus	Target Date Fund	**	565,683,024
*	Vanguard Target Retirement 2035 Trust Plus	Target Date Fund	**	589,451,528
*	Vanguard Target Retirement 2040 Trust Plus	Target Date Fund	**	501,549,633
*	Vanguard Target Retirement 2045 Trust Plus	Target Date Fund	**	381,451,987
*	Vanguard Target Retirement 2050 Trust Plus	Target Date Fund	**	226,462,910

*Party-in-interest, for which a statutory exemption exists.

**Participant directed, therefore cost column is not required to be disclosed.

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	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost	Current Value
*	Vanguard Target Retirement 2055 Trust Plus	Target Date Fund	**	94,357,738
*	Vanguard Target Retirement 2060 Trust Plus	Target Date Fund	**	23,137,884
*	Vanguard Target Retirement 2065 Trust Plus	Target Date Fund	**	6,688,831
*	Vanguard Target Retirement Income Trust Plus	Target Date Fund	**	98,868,243
	New York Life 343772	Bayer Corporation Fixed Fund	**	4,233,215
	New York Life 34377	Bayer Corporation Fixed Fund	**	5,983,902
*	Fidelity Government Money Market Fund	Bayer Corporation Fixed Fund	**	26,105,743
	Transamerica Premier Life	Bayer Corporation Fixed Fund	**	54,762,128
	Transamerica Life Insurance	Bayer Corporation Fixed Fund	**	89,527,685
	Massachusetts Mutual	Bayer Corporation Fixed Fund	**	44,049,384
	Lincoln National Life Insurance Co.	Bayer Corporation Fixed Fund	**	24,197,884
	Pacific Life Insurance Co	Bayer Corporation Fixed Fund	**	42,735,380
	State Street Bank	Bayer Corporation Fixed Fund	**	69,535,888
	American General Life	Bayer Corporation Fixed Fund	**	54,007,560
	JPMorgan Chase	Bayer Corporation Fixed Fund	**	51,768,142
	Prudential Insurance Co.	Bayer Corporation Fixed Fund	**	208,001,159
	Nationwide Life	Bayer Corporation Fixed Fund	**	126,960,065
	New York Life Insurance Co.	Bayer Corporation Fixed Fund	**	30,389,570
	Metropolitan Life	Bayer Corporation Fixed Fund	**	140,700,728
*	Notes receivable - Participant loans at interest rates ranging from 3.25% to 10.5% with maturity dates through 2033	Participant loans	**	72,752,749
	Total Assets (Held at End of Year)		\$	9,344,144,543

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