

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 2024 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide 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)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN
1b	Three-digit plan number (PN) ▶ 002
1c	Effective date of plan 12/01/1959
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) CATERPILLAR INC. 5205 N.O'CONNOR BOULEVARD SUITE 100 IRVING, TX 75039
2b	Employer Identification Number (EIN) 37-0602744
2c	Plan Sponsor's telephone number 972-891-7700
2d	Business code (see instructions) 333100

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.	09/26/2025	ANNELEEN WOUTERS
	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

3a Plan administrator's name and address ☐ Same as Plan Sponsor CATERPILLAR INC. PLAN ADMINISTRATOR 100 NE ADAMS ST. AB4400 PEORIA, IL 61629	3b Administrator's EIN 37-0602744 3c Administrator's telephone number 309-675-1000																						
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 39566																						
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(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) 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.....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2" style="height: 20px;"></td></tr> <tr><td style="width: 15%;">6a(1)</td><td style="text-align: right;">11498</td></tr> <tr><td>6a(2)</td><td style="text-align: right;">11025</td></tr> <tr><td>6b</td><td style="text-align: right;">17282</td></tr> <tr><td>6c</td><td style="text-align: right;">5565</td></tr> <tr><td>6d</td><td style="text-align: right;">33872</td></tr> <tr><td>6e</td><td style="text-align: right;">4379</td></tr> <tr><td>6f</td><td style="text-align: right;">38251</td></tr> <tr><td>6g(1)</td><td></td></tr> <tr><td>6g(2)</td><td></td></tr> <tr><td>6h</td><td style="text-align: right;">0</td></tr> </table>			6a(1)	11498	6a(2)	11025	6b	17282	6c	5565	6d	33872	6e	4379	6f	38251	6g(1)		6g(2)		6h	0
6a(1)	11498																						
6a(2)	11025																						
6b	17282																						
6c	5565																						
6d	33872																						
6e	4379																						
6f	38251																						
6g(1)																							
6g(2)																							
6h	0																						
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: 1A 1C 1I 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 (4) ☐ DCG (Individual Plan Information) – Number Attached _____ (5) ☐ MEP (Multiple-Employer Retirement Plan Information)	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ A (Insurance Information) – Number Attached <u>1</u> (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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 2024 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024		
A Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 CATERPILLAR INC.	D Employer Identification Number (EIN) 37-0602744	

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 EQUITABLE FINANCIAL 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
13-5570651	68299	AC 1523	1	01/01/2024	12/31/2024

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** 258147**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. **6d**
Specify nature of costs ▶**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** 254626**c** Additions: (1) Contributions deposited during the year **7c(1)**
(2) Dividends and credits **7c(2)**
(3) Interest credited during the year **7c(3)** 7782
(4) Transferred from separate account **7c(4)**
(5) Other (specify below) **7c(5)**(6) Total additions **7c(6)** 7782**d** Total of balance and additions (add lines **7b** and **7c(6)**) **7d** 262408**e** Deductions:(1) Disbursed from fund to pay benefits or purchase annuities during year **7e(1)** 740(2) Administration charge made by carrier **7e(2)** 3521(3) Transferred to separate account **7e(3)**(4) Other (specify below) **7e(4)**(5) Total deductions **7e(5)** 4261**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**) **7f** 258147

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. Specify nature of costs.	10b	

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 SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2024 This Form is Open to Public Inspection
--	---	--

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
▶ Round off amounts to nearest dollar.	
▶ Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.	
A Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF CATERPILLAR INC.	D Employer Identification Number (EIN) 37-0602744
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 01 Day 01 Year 2024			
2	Assets:			
a	Market value	2a	9803014695	
b	Actuarial value	2b	10666390771	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment	22975	6970811118	6970811118
b	For terminated vested participants	6026	451844487	451844487
c	For active participants	11162	1720322551	1808517413
d	Total	40163	9142978156	9231173018
4	If the plan is in at-risk status, check the box and complete lines (a) and (b). ☐			
a	Funding target disregarding prescribed at-risk assumptions	4a		
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5	5.13 %	
6	Target normal cost			
a	Present value of current plan year accruals	6a	0	
b	Expected plan-related expenses	6b	8710000	
c	Target normal cost	6c	8710000	

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

SIGN HERE	Signature of actuary MATTHEW WALL Type or print name of actuary WILLIS TOWERS WATSON US LLC Firm name 233 SOUTH WACKER DRIVE SUITE 1800 CHICAGO, IL 60606 Address of the firm	09/16/2025 Date 23-08570 Most recent enrollment number 312-525-2500 Telephone number (including area code)
--------------------------	--	--

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	1711071212
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	83603993
9 Amount remaining (line 7 minus line 8)	0	1627467219
10 Interest on line 9 using prior year's actual return of 10.30 %	0	167629124
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.06 %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	1795096343

Part III Funding Percentages

14 Funding target attainment percentage	14	96.10 %
15 Adjusted funding target attainment percentage	15	115.54 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	91.51 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

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

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ►			18(b)	0	18(c) 0

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

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

20 Quarterly contributions and liquidity shortfalls:

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

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

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

21	Discount rate:				
	a Segment rates:	1st segment: %	2nd segment: %	3rd segment: %	☒ N/A, full yield curve used
	b Applicable month (enter code)				21b 0
22	Weighted average retirement age				22 62
23	Mortality table(s) (see instructions)	☐ Prescribed - combined	☒ Prescribed - separate	☐ Substitute	

Part VI	Miscellaneous Items
----------------	----------------------------

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

Part VII	Reconciliation of Unpaid Minimum Required Contributions For Prior Years
-----------------	--

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

Part VIII	Minimum Required Contribution For Current Year
------------------	---

31	Target normal cost and excess assets (see instructions):		
	a Target normal cost (line 6c)	31a	8710000
	b Excess assets, if applicable, but not greater than line 31a	31b	0
32	Amortization installments:	Outstanding Balance	Installment
	a Net shortfall amortization installment	359878590	36499872
	b Waiver amortization installment	0	0
33	If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....		34 45209872
		Carryover balance	Prefunding balance
35	Balances elected for use to offset funding requirement	0	45209872
36	Additional cash requirement (line 34 minus line 35)		36 0
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)		37 0
38	Present value of excess contributions for current year (see instructions)		
	a Total (excess, if any, of line 37 over line 36)	38a	0
	b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39 0
40	Unpaid minimum required contributions for all years		40 0

Part IX	Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)
----------------	---

41	If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☒ 2021
-----------	--

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
		2024
		This Form is Open to Public Inspection.

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024		
A Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 CATERPILLAR INC.	D Employer Identification Number (EIN) 37-0602744	

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
--

(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
--

(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

(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

(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

(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

(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)

ALIGHT SOLUTIONS

82-1061233

(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 50	NONE	1553106	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

STRATEGIC BENEFIT ADVISORS

03-0415817

(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?
16 50	NONE	834635	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

PRICEWATERHOUSECOOPERS LLP

13-4008324

(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?
10 50	NONE	66300	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 2024 This Form is Open to Public Inspection.	
For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024					
A Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN				B Three-digit plan number (PN) ▶ 002	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 CATERPILLAR INC.				D Employer Identification Number (EIN) 37-0602744	
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: CATERPILLAR INC. MASTER RTMT. TRUST					
b Name of sponsor of entity listed in (a): CATERPILLAR INC.					
c EIN-PN 36-6668245-019		d Entity code M	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9193791553		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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)		
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		

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)**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)**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)**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)**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)**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)**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)**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)**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)**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)

Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

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
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
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
		2024
		This Form is Open to Public Inspection
For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024		
A Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN		B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 CATERPILLAR INC.		D Employer Identification Number (EIN) 37-0602744

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)		
(2) Participant contributions.....	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(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)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	9802760069	9193791553
(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)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	254626	258147
(15) Other.....	1c(15)		

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	9803014695	9194049700
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h	457172	248516
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	457172	248516
Net Assets			
l Net assets (subtract line 1k from line 1f).....	1l	9802557523	9193801184

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)		
(B) Participants	2a(1)(B)		
(C) Others (including rollovers).....	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	7782	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		7782
(2) Dividends: (A) Preferred stock.....	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		81127344
(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)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		81135126

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	683481771	
(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)		683481771
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)	838156	
(3) Recordkeeping fees	2i(3)	1553106	
(4) IQPA audit fees	2i(4)	66300	
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	3952132	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		6409694
j Total expenses. Add all expense amounts in column (b) and enter total	2j		689891465

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-608756339
l Transfers of assets:			
(1) To this plan	2l(1)		
(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 Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name: **PRICEWATERHOUSECOOPERS LLP**

(2) EIN: **13-4008324**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? 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.)		☒	
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.)		☒	
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.)		☒	
e Was this plan covered by a fidelity bond?	☒		45000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
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?		☒	
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?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
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.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
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.			

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 Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 543074.

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 2024 This Form is Open to Public Inspection.	
For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024					
A Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN				B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 CATERPILLAR INC.				D Employer Identification Number (EIN) 37-0602744	
Part I Distributions					
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	0
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): 36-3046063					
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	324
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.)					
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					
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					
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.					
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) 2024 v. 240311	

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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 deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

14a

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14b

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

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.....

15a

b The corresponding number for the second preceding plan year.....

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.....

16a

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.....

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) and (b):

a Enter the percentage of plan assets held as:

Public Equity: 17.6 % Private Equity: 0.5 % Investment-Grade Debt and Interest Rate Hedging Assets: 75.4 %

High-Yield Debt: 5.6 % Real Assets: _____ % Cash or Cash Equivalents: 0.9 % Other: _____ %

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:

☐ 0-5 years ☒ 5-10 years ☐ 10-15 years ☐ 15 years or more

- 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.....

Part VII IRS Compliance Questions

- 21a** Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☒ Yes ☐ No

- 21b** If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

☐ Design-based safe harbor method

☐ "Prior year" ADP test

☐ "Current year" ADP test

☒ N/A

- 22** If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ___/___/___ (MM/DD/YYYY) and the Opinion Letter serial number_____.

Caterpillar Inc.

Retirement Income Plan

**Financial Statements and Supplemental Schedule
December 31, 2024 and 2023**

Caterpillar Inc.
Retirement Income Plan
Index

Page(s)

Report of Independent Auditors
Financial Statements

[Statements of Net Assets Available for Benefits, December 31, 2024 and 2023](#) [1](#)

[Statement of Changes in Net Assets Available for Benefits, Year Ended December 31, 2024](#) [2](#)

[Notes to Financial Statements, as of December 31, 2024 and 2023 and for the Year Ended December 31, 2024](#) [3](#)

Supplemental Schedule

[Schedule H, Line 4i - Schedule of Assets \(Held at End of Year\), December 31, 2024](#) [16](#)

Note: Other schedules required by 29 CFR 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.



Report of Independent Auditors

To the Administrator of Caterpillar Inc. Retirement Income Plan

Opinion

We have audited the accompanying financial statements of Caterpillar Inc. Retirement Income Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits for the year ended December 31, 2024, including the related notes (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2024 and 2023, and the changes in its net assets available for benefits for the year ended December 31, 2024, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for 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.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.



Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with US GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Schedule Required by ERISA

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2024 ("supplemental schedule") is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with US GAAS.



In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying supplemental schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

PricewaterhouseCoopers LLP

Dallas, Texas
September 25, 2025

Caterpillar Inc. Retirement Income Plan

Statements of Net Assets Available for Benefits
December 31, 2024 and 2023

<i>(in thousands of dollars)</i>	2024	2023
Investments		
Plan interest in Caterpillar Inc. Master Retirement Trust	\$ 9,193,791	\$ 9,802,760
Immediate participation guarantee contract	258	255
Total investments	<u>9,194,049</u>	<u>9,803,015</u>
Liabilities		
Accrued administrative expenses	<u>(248)</u>	<u>(457)</u>
Net assets available for benefits	<u>\$ 9,193,801</u>	<u>\$ 9,802,558</u>

See accompanying notes to the financial statements.

Caterpillar Inc. Retirement Income Plan

Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2024

<i>(in thousands of dollars)</i>		2024
Investment income (loss)		
Plan interest in net investment income (loss) of Caterpillar Inc. Master Retirement Trust	\$	81,127
Interest from immediate participation guarantee contract		8
Net investment income (loss)		81,135
Deductions		
Benefit payments		(683,482)
Administrative expenses		(6,410)
Total deductions		(689,892)
Net increase (decrease) in net assets available for benefits		(608,757)
Net assets available for benefits		
Beginning of year	\$	9,802,558
End of year	\$	9,193,801

See accompanying notes to the financial statements.

Caterpillar Inc.

Retirement Income Plan

Notes to Financial Statements
December 31, 2024 and 2023

1. Description of the Plan

The following description of the Caterpillar Inc. Retirement Income Plan (the "Plan") provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions. The Plan is governed by the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

Participation

The Plan is a non-contributory defined benefit pension plan providing retirement benefits to eligible management, salaried and certain hourly employees of Caterpillar Inc. and its subsidiaries (the "Company" or "Employer"). Employees hired after November 30, 2010 or rehired after December 31, 2010 are not eligible to participate in the Plan.

Pension benefit accruals were frozen for certain Plan participants on December 31, 2010 (non-sunset group) and frozen for the remaining participants on December 31, 2019 (sunset group). Participants in the non-sunset group were most recently hired on or after January 1, 2003 or were younger than age 40 as of December 31, 2010 (regardless of hire date). Sunset group participants were most recently hired before January 1, 2003 and were age 40 or older on or before December 31, 2010.

Benefits

The Plan covers both Traditional Pension Plan benefits and Pension Equity Plan ("PEP") benefits. All benefits accrued prior to July 1, 2003 are calculated under the Traditional Pension Plan. As of July 1, 2003, existing Plan participants irrevocably elected to become a PEP participant or remain covered by the Traditional Pension Plan, and their benefits from that date forward are determined based on their election. Participants hired on or after January 1, 2003 are only eligible for PEP benefits.

Under the Traditional Pension Plan, Plan participants who meet age and service requirements are eligible for monthly pension benefits. All monthly benefits are payable in the form of an annuity, which is generally the higher of the amounts determined by (1) the final earnings formula or (2) the credited service formula. The final earnings formula is calculated by multiplying years of service (up to 35 years), times a percentage multiplier, times Final Average Monthly Earnings ("FAME") as of the retirement date or December 31, 2019, the date at which benefit accruals were frozen. FAME is figured on the average of the highest five years of earnings out of the last ten years with the Company as an eligible employee and participant in the Plan. The five years that are used do not have to be consecutive. Early retirement factors may apply for pension benefits calculated under the final earnings formula.

The credited service formula is based upon a monthly basic benefit rate plus a wage related supplement multiplied by years of credited service. The monthly basic benefit rate used to calculate normal retirement benefits and the wage related supplement are based upon salary grade. Participants who meet certain age and service criteria may retire prior to age 65 and may be subject to a reduction in their monthly basic benefit rate. The nature of the reduction is dependent upon years of credited service and age at retirement.

An additional early retirement allowance ("AERA") is available to those under the credited service formula retiring prior to age 62 and one month. AERA provides an additional supplemental benefit to retirees to bring their total retirement benefit to a target. The monthly AERA target for participants retiring with 30 or more years of service was \$2,800 for all periods reported. For those with less than 30 years of credited service, the AERA is reduced based upon age at retirement.

The PEP formula produces a single lump sum benefit based on salary, years and months of credited service, and years of vesting service. The lump sum benefit is equal to the FAME as defined by the Plan, multiplied by twelve to obtain an annual amount, multiplied by a factor based on years of vesting and credited service. An annuity payment option is

available, in which the lump sum under the PEP formula is converted into a lifetime monthly pension using actuarial factors and interest rates contained in the Plan.

Under both the Traditional Pension Plan and PEP benefits, the years of credited service and earnings used in the formulas will be those prior to December 31, 2010 for the non-sunset group or December 31, 2019 for the sunset group. For vesting service, service after the freeze date will be considered.

The Plan also provides certain disability retirement benefits, certain optional reduced retirement benefits which provide for continued benefit payments to designated beneficiaries, and automatic benefits for surviving spouses of deceased participants eligible for retirement at the time of death.

In addition, the Plan contains provisions for differing benefit formulas and/or availability of other features for certain populations of participants who entered the Plan upon merger or corporate transactions.

Vesting

Rights to benefits are fully vested after three years of vesting service. Termination of employment prior to vesting results in forfeiture of rights to retirement benefits.

Contributions

The Plan's actuary provides actuarial estimates of the minimum and maximum amount of Company contributions to provide the Plan with sufficient assets to meet the benefits accruing to participants and to meet minimum funding requirements under ERISA and Internal Revenue Code ("IRC") section 412. The Company has the discretion to make a contribution within this range based on factors such as cash flow and strategic goals. Amounts funded are maintained by The Northern Trust Company (the "Trustee") until disbursed. The Plan has met the minimum funding requirements of ERISA in 2024.

Plan Termination

In the event of Plan termination, certain benefits under the Plan are insured by the Pension Benefit Guaranty Corporation ("PBGC"), a U.S. government agency. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivors' pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination.

If the Plan terminates, all affected covered persons shall have a nonforfeitable right to benefits accrued on the date of termination to the extent the Plan is funded. The net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

1. Any assets under the immediate participation guarantee contract with Equitable Financial Life Insurance Company are payable to covered persons specified in the contract.
2. Expenses attributable to administration and liquidation of the Caterpillar Inc. Master Retirement Trust ("Master Trust" or "Trust").
3. Retirement benefits to the extent guaranteed by the PBGC, to former employees or their beneficiaries who have been receiving benefits for at least three years, or to those employees eligible to retire during that three-year period who would have been receiving benefits if they had retired with benefits in the normal form of payment under the Plan. The priority amount is limited to the lowest benefit that was payable (or would have been payable) during those three years. The amount is further limited to the lowest benefit that would be payable under Plan provisions in effect at any time during the five years preceding Plan termination.
4. Other vested benefits guaranteed by the PBGC up to the applicable limitations (discussed above).
5. All other vested benefits (that is, vested benefits not insured by the PBGC).
6. All nonvested benefits.

If the benefits in 3. through 6. above cannot be fully provided, then benefits will be paid in full for each successive level (3. through 6. above) according to its priority until full benefits cannot be paid for a given level, then benefits are paid ratably based on the actuarial present value of accumulated plan benefits to participants or beneficiaries at that level.

Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and may also depend on the financial condition of the Company and the level of benefits guaranteed by the PBGC.

Administration

The Plan is administered by the Company. Pursuant to procedures adopted by the Company, responsibility for the Plan's non-financial matters has been delegated to the Caterpillar Inc. Benefits Administrative Committee and responsibility for the Plan's financial matters has been delegated to the Caterpillar Inc. Benefit Funds Committee. The Company and the Caterpillar Inc. Benefit Funds Committee have entered into trust and investment management agreements with certain banks and investment advisors providing for administration of the Master Trust's assets and distribution of benefits upon their instructions. The Caterpillar Inc. Benefits Administrative Committee has retained Alight Solutions to provide recordkeeping and administrative services as part of the administration of the Plan.

Plan Expenses

Administrative expenses presented on the Statement of Changes in Net Assets Available for Benefits represent expenses that are specifically identifiable to the Plan, but are paid by the Master Trust. These expenses include PBGC fees, audit fees and fees paid to third party service providers. The third party service providers support the administration of the Plan and provide various services including but not limited to the following: recordkeeping, preparation of participant communications, managing call centers, processing qualified domestic relations orders, and consulting services.

All other expenses of the Master Trust (primarily consisting of investment management fees), which are not specifically identifiable to a plan, are included in the Plan interest in net investment income (loss) of the Master Trust on the Statement of Changes in Net Assets Available for Benefits. See Note 4 for additional information.

Plan Qualification

The Plan obtained its latest determination letter on March 12, 2021, in which the Internal Revenue Service ("IRS") stated that the Plan and related trust, as then designed, were in compliance with the applicable requirements of the IRC. Although the Plan has been amended subsequent to the period covered by the determination letter, the Plan Administrator and the Plan's counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC, and therefore, believe that the Plan is qualified and the related trust is tax-exempt. If an operational issue is discovered, the Plan sponsor has indicated that it will take any necessary steps to bring the Plan's operations into compliance with the IRC.

Accounting principles generally accepted in the United States of America require management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Company has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2024 and 2023, there are no material uncertain positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Company believes the Plan is no longer subject to income tax examinations for tax years prior to 2017.

2. Summary of Significant Accounting Policies

Basis of Accounting

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

Investment Valuation and Income Recognition

The immediate participation guarantee contract is invested in the general account of Equitable Financial Life Insurance Company and is valued at the estimated fair value, based on the amortized carrying value of related general account assets. Investment income on this investment is recorded as earned. The fair value of the Plan's interest in the Master Trust is based on the beginning of the year value of the Plan's interest in the Master Trust plus actual contributions and allocated net investment income (loss) less actual distributions and actual and allocated administrative expenses. The Caterpillar Inc. Benefit Funds Committee determines the Plan's valuation policies utilizing information provided by investment managers, the Trustee and the insurance company. The investments in the Master Trust are valued as described in Note 4. Dividend income is recorded as of the ex-dividend date. Interest is recorded daily as earned. The Master Trust presents, in Note 4, in Net investment income (loss), the net appreciation (depreciation) in the fair value of its investments which consists of the realized gains (losses) and the unrealized appreciation (depreciation) on those investments. Purchases and sales of securities are recorded on a trade-date basis.

Payment of Benefits

Benefit payments to participants are recorded upon distribution.

Use of Estimates in the Preparation of Financial Statements

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 and liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements and changes therein. Actual results could differ from those estimated.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities could occur in the near term and that such changes could materially affect the amounts reported in the Statements of Net Assets Available for Benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

3. Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions, attributable under the Plan's provisions to the service employees have rendered. Accumulated plan benefits include benefits expected to be paid to all eligible participants including: (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits under the Plan are based on employees' years of service and the earnings formulas described in Note 1. The accumulated plan benefits for active employees are based on years of service as of the date their benefit accruals were frozen which is December 31, 2019 for sunset participants and December 31, 2010 for non-sunset participants. Benefits payable under all circumstances (retirement, death, disability and termination of employment) are included to the extent they are deemed attributable to employee service rendered to the valuation date.

The actuarial present value of accumulated plan benefits is determined by an independent actuary and results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, separation or retirement) between the valuation date and the expected date of payment. The significant actuarial assumptions used in the valuations as of December 31, 2024 and 2023 were:

- Life expectancy of participants used the Pri 2012 white collar mortality table (adjusted with a mortality multiplier derived from credibility analysis to reflect Company specific experience from 2015-2019) and generational projection from 2012 using MP 2021.

- Retirement ages between 50 and 70 (based on actual Company retirement experience).
- Interest rates used to discount the obligation for 2024 and 2023 were 6.30 percent and 5.70 percent, respectively (based on returns considered achievable given the Plan's mix of investments and investment policy).

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

The following table presents the actuarial present value of accumulated plan benefits as of December 31, 2024 and 2023:

<i>(in thousands of dollars)</i>	2024	2023
Actuarial present value of accumulated plan benefits		
Vested benefits		
Participants currently receiving payments	\$ 6,685,601	\$ 7,054,008
Other participants	1,849,017	2,144,788
Total vested benefits	8,534,618	9,198,796
Non-vested benefits	57,557	83,171
Total actuarial present value of accumulated plan benefits at end of year ...	<u>\$ 8,592,175</u>	<u>\$ 9,281,967</u>

The following table summarizes the changes in the actuarial present value of accumulated plan benefits for the year ended December 31, 2024:

<i>(in thousands of dollars)</i>	2024
Changes in accumulated plan benefits	
Actuarial present value of accumulated plan benefits at beginning of year	<u>\$ 9,281,967</u>
Increase (decrease) during the year attributable to:	
Change due to experience	(11,415)
Increase for interest due to decrease in the discount period	509,863
Benefits paid	(683,482)
Change in actuarial assumptions	(504,758)
Net increase (decrease) in accumulated plan benefits	<u>(689,792)</u>
Actuarial present value of accumulated plan benefits at end of year	<u>\$ 8,592,175</u>

Change in Actuarial Assumptions

In 2024, the Company made the following changes in actuarial assumptions:

- The interest rate assumption used to discount the obligation was increased from 5.70 percent to 6.30 percent. This resulted in a decrease in the actuarial present value of accumulated plan benefits of \$485 million.
- The Company updated the interest rate assumption for lump sum conversions increasing it from 5.05 percent to 5.58 percent. This resulted in a decrease in the actuarial present value of accumulated plan benefits of \$19 million.

These changes in actuarial assumptions, combined with other insignificant changes, are included in the 2024 changes in the actuarial present value of accumulated plan benefits table above.

4. Master Trust

Substantially all of the Plan's investments are held in the Master Trust, which was established for the investment of assets of the Plan and several other Company sponsored retirement plans. Each participating plan has an undivided interest in the Master Trust. The assets of the Master Trust are held by the Trustee. In general, the investment strategy for the Master Trust focuses on aligning the investments to the liabilities of the participating plans, while reducing risk in the portfolio. The current Master Trust target asset allocations as of December 31, 2024 were 85 percent fixed income and 15 percent equities. These target allocations will be revisited periodically to ensure that they reflect the Company's overall objectives.

Net investment income (loss) of the Master Trust is allocated monthly to each participating plan based upon each plan's respective dollar ownership, giving consideration to the monthly plan-specific time-weighted activity within the Master Trust.

The following table presents the net assets of the Master Trust and the Plan's interest in the net assets of the Master Trust as of December 31, 2024 and 2023.

(in thousands of dollars)	Master Trust		Plan's Interest in Master Trust	
	2024	2023	2024	2023
ASSETS				
Investments, at fair value				
Common stocks	\$ 2,028,186	\$ 2,012,819	\$ 1,567,822	\$ 1,549,285
Preferred stocks	11,781	20,817	9,107	16,023
Preferred corporate bonds and notes	70,866	195,726	54,781	150,652
Other corporate bonds and notes	6,329,864	6,769,171	4,893,092	5,210,291
U.S. government securities	2,761,159	2,990,984	2,134,422	2,302,187
Common collective trusts	298,354	296,012	230,633	227,843
Partnership/joint venture interests	61,950	81,425	47,888	62,674
Real estate	22	2,538	17	1,953
Registered investment companies	43,551	32,922	33,666	25,340
Other investments, net	248,361	242,339	191,987	186,530
	<u>11,854,094</u>	<u>12,644,753</u>	<u>9,163,415</u>	<u>9,732,778</u>
Other assets				
Cash	5,657	6,173	4,373	4,752
Accrued interest and dividends receivable	118,266	119,920	91,421	92,303
Receivables for securities sold	32,123	38,908	24,832	29,948
	<u>156,046</u>	<u>165,001</u>	<u>120,626</u>	<u>127,003</u>
Total Master Trust assets	<u>12,010,140</u>	<u>12,809,754</u>	<u>9,284,041</u>	<u>9,859,781</u>
LIABILITIES				
Payables for securities purchased	<u>(116,750)</u>	<u>(74,081)</u>	<u>(90,250)</u>	<u>(57,021)</u>
Net Master Trust assets	<u>\$ 11,893,390</u>	<u>\$ 12,735,673</u>	<u>\$ 9,193,791</u>	<u>\$ 9,802,760</u>
Plan's percentage interest in Master Trust			77.30 %	76.97 %

Investments are stated at fair value and are valued as described below:

- Common and preferred stocks: Primarily valued at quoted market prices.
- Preferred and other corporate bonds and notes: Valued based on matrices or models from reputable pricing vendors and may be determined by factors which include, but are not limited to market quotations, yields, maturities, call features, ratings, institutional size trading in similar groups of securities and developments related to specific securities.
- U.S. government securities: Valued based on matrices or models from reputable pricing vendors.
- Common collective trusts and partnership/joint venture interests: Stated at net asset value ("NAV") of units held. The Plan's management elected the practical expedient to use NAV in measuring the fair value of the underlying investments.
- Real estate: Stated at appraised value.
- Registered investment companies: Primarily stated at NAV of units held. For investments in private funds, the Plan's management elected the practical expedient to use NAV in measuring the fair value of the underlying

investments. Certain investments are valued at quoted market prices that represent the value of shares held by the Master Trust.

- Other investments, net: Primarily valued at quoted market prices, when available, or valued based on matrices or models from reputable pricing vendors.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Company believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables summarize Master Trust investments measured at fair value based on NAV per share using the practical expedient, the unfunded commitments and redemption restrictions as of December 31, 2024 and 2023.

<i>(in thousands of dollars)</i>				Redemption Frequency	
December 31, 2024	Fair Value	Unfunded Commitments	Redemption Restrictions	(if currently eligible)	Redemption Notice Period
Common collective trusts:					
Short-term investments	\$ 298,354	—	None	Daily	None
Partnership/joint venture interests ¹ ...	\$ 61,950	\$ 18,064	Yes ¹	Not currently eligible ¹	N/A
Registered investment companies:					
Long duration corporate & intermediate credit bonds.....	\$ 38,024	—	None	Daily	None
¹ Primarily invested in private equity funds that invest in buyouts, distressed assets, industry focused investments and venture capital strategies. For certain investments, redemptions are not currently allowed until varying dates no later than 2026.					

<i>(in thousands of dollars)</i>				Redemption Frequency	
December 31, 2023	Fair Value	Unfunded Commitments	Redemption Restrictions	(if currently eligible)	Redemption Notice Period
Common collective trusts:					
Short-term investments	\$ 296,012	—	None	Daily	None
Partnership/joint venture interests ¹ ...	\$ 81,425	\$ 18,272	Yes ¹	Not currently eligible ¹	N/A
Registered investment companies:					
Long duration corporate & intermediate credit bonds.....	\$ 32,922	—	None	Daily	None
¹ Primarily invested in private equity funds that invest in buyouts, distressed assets, industry focused investments and venture capital strategies. For certain investments, redemptions are not currently allowed until varying dates no later than 2026.					

The following table presents the changes in net assets for the Master Trust for the year ended December 31, 2024:

<i>(in thousands of dollars)</i>	2024
Changes in Net Assets:	
Net appreciation (depreciation) in fair value of investments	\$ (339,559)
Interest	419,810
Dividends	49,647
Other income (loss)	4,380
Net investment income (loss)	134,278
Transfers, net ¹	(947,733)
Administrative expenses not directly allocated to the plans and other expenses ²	(28,828)
Net increase (decrease) in net assets	(842,283)
Net assets	
Beginning of the year	12,735,673
End of the year	<u>\$ 11,893,390</u>

¹ Represents items recorded at the plan level such as contributions, benefit payments and plan specific administrative expenses.

² Primarily related to fees and expenses paid to professional money managers who manage the investment funds.

Fair Value Measurements

The guidance on fair value measurements defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants. This guidance also specifies a fair value hierarchy based upon the observability of inputs used in valuation techniques. Observable inputs (highest level) reflect market data obtained from independent sources, while unobservable inputs (lowest level) reflect internally-developed market assumptions. In accordance with this guidance, fair value measurements are classified under the following hierarchy:

- **Level 1** - Quoted prices for identical instruments in active markets.
- **Level 2** - Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations in which all significant inputs or significant value-drivers are observable in active markets.
- **Level 3** - Model-derived valuations in which one or more significant inputs or significant value-drivers are unobservable.

When available, quoted market prices are used to determine fair value, and such measurements are classified within Level 1. In some cases where market prices are not available, the observable market based inputs are used to calculate fair value, in which case the measurements are classified within Level 2. If quoted or observable market prices are not available, fair value is based upon valuations in which one or more significant inputs are unobservable, including internally developed models that use, where possible, current market-based parameters such as interest rates, yield curves and currency rates. These measurements are classified within Level 3.

Fair value measurements are classified according to the lowest level input or value-driver that is significant to the valuation. A measurement may therefore be classified within Level 3 even though there may be significant inputs that are readily observable.

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the end of the reporting period.

The significance of transfers between levels was evaluated based upon the nature of the financial instrument and size of the transfer relative to total net Master Trust assets. For the year ended December 31, 2024, there were no significant transfers into or out of Levels 1, 2 or 3.

Master Trust assets that are measured at fair value as of December 31, 2024 and 2023 are summarized below. Investments measured at net asset value per share using the practical expedient have not been classified in the fair value hierarchy, but are presented in order to permit reconciliation to the table that presents the net assets of the Master Trust.

Fair Value Measurements as of December 31, 2024					
(in thousands of dollars)	Level 1	Level 2	Level 3	Measured at NAV	Total
Stocks	\$ 2,001,899	\$ —	\$ 38,068	\$ —	\$ 2,039,967
Corporate bonds and notes	—	6,367,479	33,251	—	6,400,730
U.S. government securities	—	2,761,159	—	—	2,761,159
Common collective trusts	—	—	—	298,354	298,354
Partnership/joint venture interests	—	—	—	61,950	61,950
Real estate	—	—	22	—	22
Registered investment companies	5,527	—	—	38,024	43,551
Other investments, net	24,883	223,478	—	—	248,361
Total investments, at fair value	<u>\$ 2,032,309</u>	<u>\$ 9,352,116</u>	<u>\$ 71,341</u>	<u>\$ 398,328</u>	<u>\$ 11,854,094</u>

Fair Value Measurements as of December 31, 2023					
(in thousands of dollars)	Level 1	Level 2	Level 3	Measured at NAV	Total
Stocks	\$ 1,996,981	\$ 9,882	\$ 26,773	\$ —	\$ 2,033,636
Corporate bonds and notes	—	6,932,359	32,538	—	6,964,897
U.S. government securities	—	2,990,984	—	—	2,990,984
Common collective trusts	—	—	—	296,012	296,012
Partnership/joint venture interests	—	—	—	81,425	81,425
Real estate	—	—	2,538	—	2,538
Registered investment companies	—	—	—	32,922	32,922
Other investments, net	19,426	222,913	—	—	242,339
Total investments, at fair value	<u>\$ 2,016,407</u>	<u>\$10,156,138</u>	<u>\$ 61,849</u>	<u>\$ 410,359</u>	<u>\$ 12,644,753</u>

The fair value of the Plan's immediate participation guarantee contract was \$258 thousand and \$255 thousand as of December 31, 2024 and 2023, respectively, and was classified as Level 2.

The following is a roll-forward of assets measured at fair value using Level 3 inputs as of December 31, 2024:

	Level 3 Assets as of December 31, 2024		
(in thousands of dollars)	Stocks	Corporate bonds and notes	Real estate
Balance, beginning of year	\$ 26,773	\$ 32,538	\$ 2,538
Unrealized gains (losses) relating to instruments still held at the reporting date	(1,333)	1,441	22
Realized gains (losses)	—	—	1,764
Purchases	—	279	—
Other settlements	(636)	(1,008)	(4,302)
Transfers into Level 3	13,264	1	—
Balance, end of year	\$ 38,068	\$ 33,251	\$ 22

Derivatives

Within the Master Trust, certain investment managers may use derivative financial instruments to meet fund objectives and manage exposure to foreign currency, interest rate and market fluctuations. The following is a description of the types of derivative contracts the Master Trust may use:

- Credit contracts: Credit default swaps are used to manage exposure to credit risk. A credit default swap is a contract in which, for a fee, a protection seller agrees to pay a protection buyer an amount resulting from a credit event on a reference entity. If there is no credit default event or settlement trigger, as defined by the contract, then the protection seller makes no payment to the protection buyer and receives only the contractually specified fee. However, if a credit event occurs, the protection seller will be required to make a payment to the protection buyer.
- Equity contracts: Equity index futures contracts are used by investment managers to invest excess cash into equity benchmarks, such as the S&P 500 and MSCI EAFE. These contracts are settled in cash daily. Investment managers may also invest in equity rights and warrants which gives the holder the right to purchase securities from the issuer at a specific price within a certain time frame.
- Foreign exchange contracts: Foreign currency exchange rate movements create a degree of risk by affecting the U.S. dollar value of instruments denominated in foreign currencies. Forward contracts are used by investment managers to manage foreign exchange rate risks associated with certain investments. These contracts are presented gross (buy side of the contract as a receivable and sell side of the contract as a payable) in the table that presents the net assets of the Master Trust.
- Interest rate contracts: Interest rate movements create a degree of risk by affecting the amount of interest payments and the value of debt instruments. Investment managers use interest rate swaps, total return swaps, futures contracts, options and swaptions to manage interest rate risk. These contracts are settled in cash daily.

The fair value of these derivative contracts are included in Other investments, net, Receivables for securities sold and Payables for securities purchased in the tabular presentation of the Net Master Trust assets. The related appreciation (depreciation) is included in Net appreciation (depreciation) in fair value of investments in the tabular presentation of the Net investment income (loss) of the Master Trust. As of December 31, 2024 and 2023, the fair value of these derivative financial instruments was \$3 million and \$2 million, respectively. In 2024, the effect of these derivatives on Net investment income (loss) of the Master Trust was a net loss of \$92 million, which is primarily related to realized losses from the settlement of interest rate contracts.

The gross notional value of the Master Trust's derivative activities, primarily related to interest rate contracts, was \$2,135 million and \$2,363 million, as of December 31, 2024 and 2023, respectively. The notional amounts of the derivatives do

not represent amounts exchanged by the parties. The amounts exchanged by the parties are calculated by reference to the notional amounts and by other terms of the derivatives, such as interest rates and equity markets.

5. Related-Parties and Parties in Interest

The Trustee is authorized, under contract provisions and by exemption under 29 CFR 408(b) of ERISA regulations, to invest in securities under its control and in securities of the Company. As of December 31, 2024 and 2023, the Master Trust did not hold any investment in securities of the Company. The Master Trust also invests in certain funds that are sponsored and managed by The Northern Trust Company, the Trustee for the Master Trust. Pursuant to this, the Trustee manages an equitization account which overlays cash with equity futures. These transactions and expenses qualify as exempt party in interest transactions.

6. Subsequent Events

The Plan has evaluated subsequent events through September 25, 2025, the date the financial statements were available to be issued, and concluded there were no events or transactions occurring during this period that required recognition or disclosure in the Plan's financial statements.

Supplemental Schedule

**Caterpillar Inc.
Retirement Income Plan**

**EIN 37-0602744 Plan 002
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2024**

(a)	(b)	(c)	(d)	(e)
	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
*	Caterpillar Inc.....	Master Retirement Trust	** \$ 9,727,320,843	\$ 9,193,791,553
	Equitable Financial Life Insurance Company.....	Immediate participation guarantee contract.....	258,147	258,147
		Total Investments.....		<u>\$ 9,194,049,700</u>

* Denotes party in interest.

** Represents historical cost and is allocated based upon the Plan's interest in the Master Retirement Trust as of December 31, 2024.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a - Schedule of Active Participant Data as of January 1, 2024

Summary of Active Participant Counts and Frozen Accrued Benefit Amounts by Age and Service

Attained Age	Years of credited service											
		Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	Total
Under 25	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. AB	-	-	-	-	-	-	-	-	-	-	-
25 – 29	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. AB	-	-	-	-	-	-	-	-	-	-	-
30 – 34	No.	6	3	0	0	0	0	0	0	0	0	9
	Avg. AB	-	-	-	-	-	-	-	-	-	-	-
35 - 39	No.	128	512	28	0	0	0	0	0	0	0	668
	Avg. AB	750	5,322	8,927	-	-	-	-	-	-	-	4,597
40 - 44	No.	101	1,130	875	58	1	0	0	0	0	0	2,165
	Avg. AB	657	5,492	11,478	12,774	-	-	-	-	-	-	7,881
45 - 49	No.	77	628	859	835	26	0	0	0	0	0	2,425
	Avg. AB	572	4,343	11,356	17,857	21,788	-	-	-	-	-	11,548
50 - 54	No.	58	441	561	605	347	280	134	7	0	0	2,433
	Avg. AB	783	3,960	9,362	18,153	28,902	54,667	68,277	-	-	-	21,825
55 - 59	No.	41	277	251	80	334	467	257	262	0	0	1,969
	Avg. AB	344	2,987	6,243	12,994	30,670	50,997	66,174	87,259	-	-	39,297
60 - 64	No.	30	186	139	50	165	184	109	135	19	0	1,017
	Avg. AB	345	1,874	4,476	11,202	29,328	46,290	63,343	78,917	-	-	33,535
65 - 69	No.	5	60	33	15	28	45	17	8	7	9	227
	Avg. AB	-	1,626	3,583	-	22,364	45,215	-	-	-	-	26,968
70 & Over	No.	0	6	4	1	6	5	3	0	3	3	31
	Avg. AB	-	-	-	-	-	-	-	-	-	-	32,171

The above chart represents all RIP active participants and includes both traditional and PEP frozen accrued benefits. Compensation has not been included in this exhibit since compensation is no longer used to determine the benefits under the plan.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a - Schedule of Active Participant Data as of January 1, 2024

Summary of Active Participants with Pension Account Balances

Attained Age	Years of credited service											
		Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	Total
Under 25	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-
25 – 29	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-
30 – 34	No.	5	3	0	1	0	0	0	0	0	0	9
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-
35 - 39	No.	128	509	30	16	7	0	0	0	0	0	690
	Avg. Bal.	940	7,227	11,645	-	-	-	-	-	-	-	6,263
40 - 44	No.	101	1,127	776	30	16	1	0	0	0	0	2,051
	Avg. Bal.	1,055	8,877	19,115	17,934	-	-	-	-	-	-	12,596
45 - 49	No.	78	622	629	237	21	1	4	0	0	0	1,592
	Avg. Bal.	1,131	9,229	22,110	34,680	20,546	-	-	-	-	-	17,991
50 - 54	No.	53	434	467	172	109	55	21	2	0	0	1,313
	Avg. Bal.	1,418	10,726	23,537	49,780	97,392	163,592	190,559	-	-	-	36,595
55 - 59	No.	40	273	243	80	143	70	25	17	2	0	893
	Avg. Bal.	1,067	10,920	22,852	92,095	122,908	152,894	195,292	-	-	-	59,656
60 - 64	No.	29	184	132	52	76	26	10	7	3	2	521
	Avg. Bal.	1,201	9,237	22,631	86,421	97,469	112,611	-	-	-	-	43,619
65 - 69	No.	3	60	32	16	13	6	2	3	3	2	140
	Avg. Bal.	-	10,225	22,804	-	-	-	-	-	-	-	36,066
70 & Over	No.	0	5	4	1	1	1	0	0	0	1	13
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Retirement Income Plan

Actuarial Assumptions and Methods - Funding

Economic Assumptions

Interest rate basis

- Applicable month December
- Interest rate basis Full Yield Curve

Interest rates

- 10-year rate 5.07%
- 20-year rate 5.22%
- 30-year rate 5.17%
- Effective interest rate 5.13%

Annual rates of increase

- Compensation: N/A
- Future Social Security wage bases N/A
- Statutory limits on compensation N/A

Cash Balance Rate (for Legacy GMS participants)

- Initial year rate (actual) 4.76% - Rate shown is compounded monthly rate based on the underlying 30-year annual Treasury Rate of 4.66%
- Ultimate rate 4.90%

Lump sum conversion basis Based on the annuity substitution approach method under IRS Regulation 1.430(d)-1(f)(4); using the funding interest rates.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Administrative and investment expenses

\$8,710,000, based on an estimate of PBGC premiums and service providers' fees to be paid by the trust

As permitted by law, a yield curve reflecting returns on high quality corporate bonds (A, AA and AAA) is used to determine the funding target, and thus the minimum required contribution under IRC §430 for the plan. Because these assumptions are prescribed by law and reflect current market conditions (specifically, the average market conditions for the month preceding the valuation date) they may from time to time be inconsistent with other economic assumptions used in the valuation, which may reflect both current economic conditions and assumed future conditions.

Demographic Assumptions

Inclusion Date

The valuation date coincident with or next following the date on which the employee becomes a participant

New or rehired employees

It was assumed there will be no new or rehired employees

Mortality

- Healthy

Separate rates for non-annuitants and annuitants based on Pri-2012 "Employees" and "Healthy Annuitants" (participants and beneficiaries combined) tables, respectively, without collar or amount adjustments and then projected forward with a generational projection as specified in the regulations under §1.430(h)(3)-1 using the IRS adjusted Scale MP-2021 (i.e., MP-2021 with no mortality improvement for 2020-2023 and future mortality improvement capped at 0.78% for years after 2024).

Mortality for lump sum conversions is based on the 2024 IRS unisex mortality table prescribed under 417(e) for 2024 lump sum payments

- Disabled

IRS Prescribed table for post-1994 disablements from Revenue Ruling 96-7

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Termination

Rates varying by age

Representative Termination Rates

Percentage leaving during the year	
Attained Age	Male/Female
20	18.0%
25	8.0
30	6.0
35	5.5
40	5.0
45	4.0
50	4.0
55	3.5
60	0.0
65	0.0

Disability

The rates at which participants become disabled by age are shown below:

Representative Disability Rates

Percentage becoming disabled during the year	
Age	Male/Female
25	0.03%
30	0.04
35	0.06
40	0.08
45	0.13
50	0.21
55	0.37
60	0.59

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Retirement

Rates varying by age. The average expected retirement age for current active population is 62.

For purposes of determining the Funding Target (disregarding at-risk assumptions), the rates at which participants are assumed to retire by age are shown below:

Percentage retiring during the year		
Age	Active Participants	Terminated Participants
50-54	8.00%	N/A
55-57	8.00	5.00%
58-59	10.00	7.00
60-61	15.00	10.00
62-64	26.00	20.00
65-69	26.00	100.00
70	100.00	100.00

Benefit commencement date:

- Preretirement death benefit: The later of the death of the active participant or the date the participant would have attained age 65
- Disability benefit: Upon disablement
- Retirement benefit: Upon termination of employment

Form of payment

- Traditional formula: Married participants are assumed to elect a 50% joint and survivor (55% for credited service benefit; 55% or 60% for Solar Turbines Retirement Plan participants) annuity, and single participants are assumed to elect a single life annuity
- PEP formula: 90% are assumed to elect a lump sum, however, accrued benefit attributable to prior traditional formula as of June 30, 2003 is valued as an annuity
- Legacy GMS formula: 90% of cash balance participants are assumed to elect the lump sum form of payment. All other participants are assumed to elect the normal form. Cash balance accounts are converted to annuities using valuation interest rates and the PPA Unisex Combined Mortality table for the valuation year

Percent married

60% of participants

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Spouse age	Wife three years younger than husband
At-risk assumptions, if applicable	For at-risk calculations, all participants eligible to elect benefits during the current and subsequent ten plan years are assumed to commence benefits at the earliest possible date under the plan, but not before the end of the current plan year, except in accordance with the regular valuation assumptions. In addition, all participants (not just those eligible to begin benefits within the next 11 years) are assumed to elect the most valuable form of benefit under the plan
Timing of benefit payments	Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on the date of decrement

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during plan year, if any, plus plan-related expenses expected to be paid from plan assets during plan year
Actuarial value of assets	Average of the fair market value of assets on the valuation date and at the beginning of each of the two twelve-month periods immediately preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the 2023 plan year)
Benefits Not Valued	WTW has reviewed the plan provisions with Caterpillar Inc., and based on that review, is not aware of any significant benefits required to be valued that were not. For Legacy GMS participants, benefits funded through insurance policies were not included

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Decrement Timing Model Rounded Middle of Year – All decrements are assumed to occur at the middle of the year to approximate the pattern of decrements that occur throughout the year. In addition, eligibility for benefits, commencement and cessation of benefits, and other commencement factors will reflect the middle of the year timing.

Changes in Assumptions and Methods Since Prior Valuation

- The full corporate bond yield curve used to calculate the funding target was updated to the current valuation date as required by IRC §430
- The mortality table used to calculate the funding target was updated as required by guidance issued by IRS under IRC §430, including the base table, projection scale, and generational projection of mortality improvement.
- The mortality assumption used for the purpose of converting lump sums to annuities was updated to reflect the current 417(e) mortality table and improvements
- The assumed plan-related expenses used for the target normal cost were changed from \$8,550,000 for 2023 to \$8,710,000 for 2024

Both the initial year (actual) and ultimate Cash Balance Rates were updated to 4.76% and 4.90% from 4.07% and 4.25%.

Sources of Data

Caterpillar, through its third-party administrator, furnished participant data as of January 1, 2024. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. The following assumptions for unavailable data were approved by Caterpillar and reflected in the data:

- **Missing date of birth** Participants who are missing their date of birth were assigned an average age based on the participant's status. Beneficiaries who are missing their date of birth were assigned the participant's date of birth plus three years for male participants and minus three years for female participants

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

- Missing sex code

A male sex code is assigned to a participant and a female sex code is assigned to a beneficiary when their sex code is unavailable

For those participants missing their beneficiary's sex code and have a joint and survivor form of payment, the beneficiary is assigned a sex code opposite of the participant's sex code

Participants with an 'N' or 'O' gender were assumed to be female for valuation purposes as an assumption of female mortality will be less likely to understate the Funding Target for such participants
- Missing benefit

Participants with missing benefits are assigned an average benefit amount based on the participant's status and/or service where available

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Economic Assumptions

Cash Balance Interest crediting rate	The plan credits interest to cash balance accounts using the 30-year Treasury rate with a look back to November of the prior year. Our long-term estimate of the 30-year Treasury rate is 4.90%, based on a combination of current conditions, and future economic expectations
Lump sum conversion rate for hybrid plans	As required by IRC §430, lump sum benefits are valued using “annuity substitution,” so that the interest rates assumed are effectively the same as described above for the discount rate
Assumed return for asset smoothing	The assumed return used for asset smoothing is the expected return on assets assumption chosen by the client for the 2023 plan year under U.S. GAAP. Although determining the expected rate of return on plan assets was not within the scope of our work, it is the client’s best estimate and we determined that it does not significantly conflict with what would be reasonable based on their asset allocation
Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time
Plan-related expenses	As required by regulations, plan-related expenses are calculated by estimating the expenses to be paid from the trust during the coming year (including, for example, expected PBGC premiums and actuarial, accounting, legal, administration and trustee fees to be paid from the trust)

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h)
Termination	Termination rates were based on an experience study conducted in 2022. Termination rates for NCP and SNC were updated and termination rates for the remaining plans were reviewed and left unchanged. There is annual consideration of whether any conditions have changed that would be expected to produce different results in the future Where applicable, assumed termination rates differ by age and service or age and gender because of observed differences in termination rates by service or gender Termination rates for at-risk funding calculations are as required by IRC §430
Disability	Disability rates were based on an experience study conducted in 2019. Disability rates were based on a published table for pension participants believed to have reasonably similar characteristics participating in pension plans with similar disability provisions. Assumed disability rates differ by gender because of expected differences. There is an annual consideration of whether any conditions have changed that would be expected to produce different results in the future
Retirement	Retirement rates were based on an experience study conducted in 2022. Retirement rates for RIP were updated. Retirement rates for the remaining plans were reviewed and left unchanged from the assumption used in the 2022 funding valuations. There is annual consideration of whether any conditions have changed that would be expected to produce different results in the future Retirement rates for at-risk funding calculations are as required by IRC §430
Deferred vested benefit Commencement	For RIP and SNC, retirement rates were based on an experience study conducted in 2022. There is annual consideration of whether any conditions have changed that would be expected to produce different results in the future For the other plans, deferred vested participants' assumed commencement age is 65. Deferred vested early commencement factors are such that using a single age assumption is not that significantly different than using multiple ages.

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Percent married

The assumed percentage married is based on the percentage married observed among recent retirees, reflecting an experience study conducted in 2022. Rates were left unchanged for all plans with the exceptions of SNC and RIP which has been decreased based on the results of the 2022 study.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

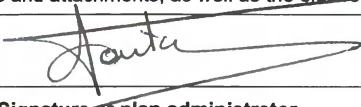
Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the 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 2024 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide 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)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN
1b	Three-digit plan number (PN) ▶ 002
1c	Effective date of plan 12/01/1959
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) CATERPILLAR INC. 5205 N.O'CONNOR BOULEVARD SUITE 100 IRVING TX 75039
2b	Employer Identification Number (EIN) 37-0602744
2c	Plan Sponsor's telephone number 972-891-7700
2d	Business code (see instructions) 333100

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		3/26/25	Anneleen Wouters
	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

3a Plan administrator's name and address ☐ Same as Plan Sponsor CATERPILLAR INC. PLAN ADMINISTRATOR 100 NE ADAMS ST. AB4400 PEORIA IL 61629	3b Administrator's EIN 37-0602744 3c Administrator's telephone number 309-675-1000
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 39,566
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(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) 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) 11,498 6a(2) 11,025 6b 17,282 6c 5,565 6d 33,872 6e 4,379 6f 38,251 6g(1) 6g(2) 6h 0
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: 1A 1C 1I 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 (4) ☐ DCG (Individual Plan Information) - Number Attached _____ (5) ☐ MEP (Multiple-Employer Retirement Plan Information)	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information - Small Plan) (3) ☒ A (Insurance Information) - Number Attached <u>1</u> (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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2024 This Form is Open to Public Inspection
--	---	--

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
▶ Round off amounts to nearest dollar.	
▶ Caution: A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.	
A Name of plan CATERPILLAR INC. RETIREMENT INCOME PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF CATERPILLAR INC.	D Employer Identification Number (EIN) 37-0602744
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 01 Day 01 Year 2024			
2	Assets:			
a	Market value	2a	9,803,014,695	
b	Actuarial value	2b	10,666,390,771	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment	22,975	6,970,811,118	6,970,811,118
b	For terminated vested participants	6,026	451,844,487	451,844,487
c	For active participants	11,162	1,720,322,551	1,808,517,413
d	Total	40,163	9,142,978,156	9,231,173,018
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) ☐			
a	Funding target disregarding prescribed at-risk assumptions	4a		
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5	5.13%	
6	Target normal cost			
a	Present value of current plan year accruals	6a	0	
b	Expected plan-related expenses	6b	8,710,000	
c	Target normal cost	6c	8,710,000	

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

SIGN HERE	Matthew Wall  Signature of actuary	09/16/2025 Date
Matthew Wall Type or print name of actuary	2308570 Most recent enrollment number	312-525-2500 Telephone number (including area code)
Willis Towers Watson US LLC Firm name	233 South Wacker Drive Suite 1800 Chicago IL 60606 Address of the firm	

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	1,711,071,212
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	83,603,993
9	Amount remaining (line 7 minus line 8)	0	1,627,467,219
10	Interest on line 9 using prior year's actual return of <u>10.30</u> %	0	167,629,124
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.06</u> %		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	1,795,096,343

Part III		Funding Percentages	
14	Funding target attainment percentage	14	96.10 %
15	Adjusted funding target attainment percentage	15	115.54 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	91.51 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV		Contributions and Liquidity Shortfalls			
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ►			18(b)	0	18(c)
					0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a 0
b Contributions made to avoid restrictions adjusted to valuation date	19b 0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 0
20 Quarterly contributions and liquidity shortfalls:	
a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No	
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No	
c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year	
(1) 1st	(2) 2nd
0	0
(3) 3rd	(4) 4th
0	0

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

21 Discount rate:				
a Segment rates:	1st segment: %	2nd segment: %	3rd segment: %	☒ N/A, full yield curve used
b Applicable month (enter code).....				21b 0
22 Weighted average retirement age				22 62
23 Mortality table(s) (see instructions)	☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

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

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....	31a	8,710,000	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	359,878,590	36,499,872	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	45,209,872	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	45,209,872	45,209,872
36 Additional cash requirement (line 34 minus line 35).....	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☒ 2021
--

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Caterpillar Inc.
EIN/PN	37-0602744/002
Plan Name	Caterpillar Inc. Retirement Income Plan
Valuation Date	January 1, 2024
Enrolled Actuary	Matthew Wall
Enrollment Number	23-08570

The actuarial assumptions that are not mandated by IRC § 430 and regulations represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2024

See Schedule SB, Part V – Statement of Actuarial Assumptions/Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed. For each active participant, an expected retirement age was calculated weighted in proportion to the probability that the individual would remain an active participant to each age and then retire at that age. The plan's weighted average retirement age of 62 is the arithmetic average of the expected retirement ages of all participants on January 1, 2024.

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Retirement Income Plan

Actuarial Assumptions and Methods - Funding

Economic Assumptions

Interest rate basis

- Applicable month December
- Interest rate basis Full Yield Curve

Interest rates

- 10-year rate 5.07%
- 20-year rate 5.22%
- 30-year rate 5.17%
- Effective interest rate 5.13%

Annual rates of increase

- Compensation: N/A
- Future Social Security wage bases N/A
- Statutory limits on compensation N/A

Cash Balance Rate (for Legacy GMS participants)

- Initial year rate (actual) 4.76% - Rate shown is compounded monthly rate based on the underlying 30-year annual Treasury Rate of 4.66%
- Ultimate rate 4.90%

Lump sum conversion basis Based on the annuity substitution approach method under IRS Regulation 1.430(d)-1(f)(4); using the funding interest rates.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Administrative and investment expenses	\$8,710,000, based on an estimate of PBGC premiums and service providers' fees to be paid by the trust
---	--

As permitted by law, a yield curve reflecting returns on high quality corporate bonds (A, AA and AAA) is used to determine the funding target, and thus the minimum require contribution under IRC §430 for the plan. Because these assumptions are prescribed by law and reflect current market conditions (specifically, the average market conditions for the month preceding the valuation date) they may from time to time be inconsistent with other economic assumptions used in the valuation, which may reflect both current economic conditions and assumed future conditions.

Demographic Assumptions

Inclusion Date	The valuation date coincident with or next following the date on which the employee becomes a participant
-----------------------	---

New or rehired employees	It was assumed there will be no new or rehired employees
---------------------------------	--

Mortality	
• Healthy	Separate rates for non-annuitants and annuitants based on Pri-2012 “Employees” and “Healthy Annuitants” (participants and beneficiaries combined) tables, respectively, without collar or amount adjustments and then projected forward with a generational projection as specified in the regulations under §1.430(h)(3)-1 using the IRS adjusted Scale MP-2021 (i.e., MP-2021 with no mortality improvement for 2020-2023 and future mortality improvement capped at 0.78% for years after 2024). Mortality for lump sum conversions is based on the 2024 IRS unisex mortality table prescribed under 417(e) for 2024 lump sum payments
• Disabled	IRS Prescribed table for post-1994 disablements from Revenue Ruling 96-7

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Termination

Rates varying by age

Representative Termination Rates

Percentage leaving during the year	
Attained Age	Male/Female
20	18.0%
25	8.0
30	6.0
35	5.5
40	5.0
45	4.0
50	4.0
55	3.5
60	0.0
65	0.0

Disability

The rates at which participants become disabled by age are shown below:

Representative Disability Rates

Percentage becoming disabled during the year	
Age	Male/Female
25	0.03%
30	0.04
35	0.06
40	0.08
45	0.13
50	0.21
55	0.37
60	0.59

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Retirement

Rates varying by age. The average expected retirement age for current active population is 62.

For purposes of determining the Funding Target (disregarding at-risk assumptions), the rates at which participants are assumed to retire by age are shown below:

Percentage retiring during the year		
Age	Active Participants	Terminated Participants
50-54	8.00%	N/A
55-57	8.00	5.00%
58-59	10.00	7.00
60-61	15.00	10.00
62-64	26.00	20.00
65-69	26.00	100.00
70	100.00	100.00

Benefit commencement date:

- Preretirement death benefit: The later of the death of the active participant or the date the participant would have attained age 65
- Disability benefit: Upon disablement
- Retirement benefit: Upon termination of employment

Form of payment

- Traditional formula: Married participants are assumed to elect a 50% joint and survivor (55% for credited service benefit; 55% or 60% for Solar Turbines Retirement Plan participants) annuity, and single participants are assumed to elect a single life annuity
- PEP formula: 90% are assumed to elect a lump sum, however, accrued benefit attributable to prior traditional formula as of June 30, 2003 is valued as an annuity
- Legacy GMS formula: 90% of cash balance participants are assumed to elect the lump sum form of payment. All other participants are assumed to elect the normal form. Cash balance accounts are converted to annuities using valuation interest rates and the PPA Unisex Combined Mortality table for the valuation year

Percent married

60% of participants

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Spouse age	Wife three years younger than husband
At-risk assumptions, if applicable	For at-risk calculations, all participants eligible to elect benefits during the current and subsequent ten plan years are assumed to commence benefits at the earliest possible date under the plan, but not before the end of the current plan year, except in accordance with the regular valuation assumptions. In addition, all participants (not just those eligible to begin benefits within the next 11 years) are assumed to elect the most valuable form of benefit under the plan
Timing of benefit payments	Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on the date of decrement

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during plan year, if any, plus plan-related expenses expected to be paid from plan assets during plan year
Actuarial value of assets	Average of the fair market value of assets on the valuation date and at the beginning of each of the two twelve-month periods immediately preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the 2023 plan year)
Benefits Not Valued	WTW has reviewed the plan provisions with Caterpillar Inc., and based on that review, is not aware of any significant benefits required to be valued that were not. For Legacy GMS participants, benefits funded through insurance policies were not included

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Decrement Timing Model Rounded Middle of Year – All decrements are assumed to occur at the middle of the year to approximate the pattern of decrements that occur throughout the year. In addition, eligibility for benefits, commencement and cessation of benefits, and other commencement factors will reflect the middle of the year timing.

- Changes in Assumptions and Methods Since Prior Valuation**
- The full corporate bond yield curve used to calculate the funding target was updated to the current valuation date as required by IRC §430
 - The mortality table used to calculate the funding target was updated as required by guidance issued by IRS under IRC §430, including the base table, projection scale, and generational projection of mortality improvement.
 - The mortality assumption used for the purpose of converting lump sums to annuities was updated to reflect the current 417(e) mortality table and improvements
 - The assumed plan-related expenses used for the target normal cost were changed from \$8,550,000 for 2023 to \$8,710,000 for 2024
- Both the initial year (actual) and ultimate Cash Balance Rates were updated to 4.76% and 4.90% from 4.07% and 4.25%.

Sources of Data

Caterpillar, through its third-party administrator, furnished participant data as of January 1, 2024. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. The following assumptions for unavailable data were approved by Caterpillar and reflected in the data:

- **Missing date of birth** Participants who are missing their date of birth were assigned an average age based on the participant's status. Beneficiaries who are missing their date of birth were assigned the participant's date of birth plus three years for male participants and minus three years for female participants

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

- Missing sex code

A male sex code is assigned to a participant and a female sex code is assigned to a beneficiary when their sex code is unavailable

For those participants missing their beneficiary's sex code and have a joint and survivor form of payment, the beneficiary is assigned a sex code opposite of the participant's sex code

Participants with an 'N' or 'O' gender were assumed to be female for valuation purposes as an assumption of female mortality will be less likely to understate the Funding Target for such participants
- Missing benefit

Participants with missing benefits are assigned an average benefit amount based on the participant's status and/or service where available

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Economic Assumptions

Cash Balance Interest crediting rate	The plan credits interest to cash balance accounts using the 30-year Treasury rate with a look back to November of the prior year. Our long-term estimate of the 30-year Treasury rate is 4.90%, based on a combination of current conditions, and future economic expectations
Lump sum conversion rate for hybrid plans	As required by IRC §430, lump sum benefits are valued using “annuity substitution,” so that the interest rates assumed are effectively the same as described above for the discount rate
Assumed return for asset smoothing	The assumed return used for asset smoothing is the expected return on assets assumption chosen by the client for the 2023 plan year under U.S. GAAP. Although determining the expected rate of return on plan assets was not within the scope of our work, it is the client’s best estimate and we determined that it does not significantly conflict with what would be reasonable based on their asset allocation
Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time
Plan-related expenses	As required by regulations, plan-related expenses are calculated by estimating the expenses to be paid from the trust during the coming year (including, for example, expected PBGC premiums and actuarial, accounting, legal, administration and trustee fees to be paid from the trust)

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h)
Termination	Termination rates were based on an experience study conducted in 2022. Termination rates for NCP and SNC were updated and termination rates for the remaining plans were reviewed and left unchanged. There is annual consideration of whether any conditions have changed that would be expected to produce different results in the future Where applicable, assumed termination rates differ by age and service or age and gender because of observed differences in termination rates by service or gender Termination rates for at-risk funding calculations are as required by IRC §430
Disability	Disability rates were based on an experience study conducted in 2019. Disability rates were based on a published table for pension participants believed to have reasonably similar characteristics participating in pension plans with similar disability provisions. Assumed disability rates differ by gender because of expected differences. There is an annual consideration of whether any conditions have changed that would be expected to produce different results in the future
Retirement	Retirement rates were based on an experience study conducted in 2022. Retirement rates for RIP were updated. Retirement rates for the remaining plans were reviewed and left unchanged from the assumption used in the 2022 funding valuations. There is annual consideration of whether any conditions have changed that would be expected to produce different results in the future Retirement rates for at-risk funding calculations are as required by IRC §430
Deferred vested benefit Commencement	For RIP and SNC, retirement rates were based on an experience study conducted in 2022. There is annual consideration of whether any conditions have changed that would be expected to produce different results in the future For the other plans, deferred vested participants' assumed commencement age is 65. Deferred vested early commencement factors are such that using a single age assumption is not that significantly different than using multiple ages.

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Percent married

The assumed percentage married is based on the percentage married observed among recent retirees, reflecting an experience study conducted in 2022. Rates were left unchanged for all plans with the exceptions of SNC and RIP which has been decreased based on the results of the 2022 study.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

CATERPILLAR INC.

RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of January 1, 2011. Benefit accruals for plan participants that were 40 years or older as of December 31, 2010 and were last hired prior to January 1, 2003 were frozen as of December 31, 2019. Benefit accruals for all remaining plan participants were frozen as of December 31, 2010. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	<u>Eligibility</u>	<u>Monthly Benefit</u>
1. Normal Retirement Benefit		(a) plus (b), or (c)
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	Monthly benefit rate of \$43.35 times years of service plus an earnings-related supplement up to \$7.00 times years of service.
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.5%* of final average pay times years of service up to 35 minus amount calculated in 1(a). Final average pay is the monthly average of pay during the highest 5 years out of the 10 years prior to termination or retirement. * Alternate percentages apply to certain participants

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 1
(Cont'd)

	Eligibility	Monthly Benefit
c. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later.	Sum of i and ii. i. Normal retirement benefit as calculated in (a) and (b) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 (or from date of hire for participant hired after December 31, 2002) is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten, but not more than fifteen years of vesting service – 8% per year of credited service earned while participants have more than fifteen, but not more than twenty years of vesting service – 9% per year of credited service earned while participants have more than twenty years of vesting service. Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum following termination.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 1
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit		(a) plus (b), or (c)
a. Credited Service Formula	Age 60 and 10 years <u>or</u> age 55 and age plus service over 85 <u>or</u> any age with 30 years of service.	Amount calculated in 1(a) reduced by one-half of 1% for each month retirement precedes age 62. If the participant meets the age 55 eligibility, has 30 years of service, or retires after age 62, the benefit is not reduced.
b. Final Earnings Formula	Age 60 and 10 years <u>or</u> age 55 and 15 years <u>or</u> any age with 30 years of service.	Amount calculated in 1(b) before subtracting Credited Service formula, reduced by one-third of 1% for each month retirement precedes age 62, minus amount calculated in 2(a).
c. Pension Equity Formula	Termination after 3 years of vesting service.	Any benefit accrued under 2(a) and 2(b) as of July 1, 2003 plus actuarially equivalent life annuity in 1(c)(ii) above.
3. Additional Early Retirement Benefit (Supplemental)	Meets early retirement eligibility under Credited Service Formula and not covered under the Pension Equity Formula.	Amount payable until age 62 that will bring the participant's monthly retirement income up to the AERA target of \$2,800. For participants who retire with less than 30 years of credited service, this amount is prorated and reduced for payment before age 60.
4. Vested Benefit	Termination after 3 years of service.	Amounts calculated in 1(a), 1(b), or 1(c)(i) reduced 6% for each year that benefits are received prior to age 65, plus actuarially equivalent life annuity calculated in 1(c)(ii) if any.
5. Disability Benefit	NA	None for disability occurring after December 31, 2010.
6. Preretirement Surviving Spouse's Benefit-Traditional for Early Retirement Eligible Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting early retirement requirements.	The greater of 55% of the amount calculated in 2(a) (reduced for spouses or partners more than 10 years younger) and 50% of the amount calculated in 1(b), before subtracting 2(a) and after reducing for early retirement commencement and J&S election.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 1
(Cont'd)

	Eligibility	Monthly Benefit
7. Preretirement Surviving Spouse's Benefit – Traditional for Vested Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting vesting requirements.	The greater of 55% of the amount calculated in 1(a) and 50% of the amount in 1(b) before subtracting 1(a). This greater amount is then reduced for terminated vested early commencement but not J&S election, payable at earliest commencement date.
8. Preretirement Death Benefit-PEP	3 years of service regardless of marital status.	Beneficiary receives 100% of 1(c)(i) plus 1(c)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse). If the beneficiary is a surviving spouse, benefit calculated as in (6) or (7) based on 1(c)(i) only is minimum.
9. Postretirement Surviving Spouse's Benefit — Credited Service Formula	Eligibility for a vested or early retirement benefit under credited service formula.	For married participants or participants with a legally recognized same sex domestic partner who elect this option, 55% of the amount calculated in 1(a) or 2(a) will be continued to the participant's surviving spouse or partner after the participant's death, reduced for spouses or partners more than 10 years younger.
10. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 50% Joint and Survivor Annuity Option (55% for credited service benefit). Other forms available include 50%, 75%, or 100% Joint and Survivor Annuity, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2

CATERPILLAR INC.

FORMER SOLAR TURBINES INCORPORATED RETIREMENT PLAN PORTION OF THE RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The former Solar Turbines Retirement Plan was closed to new entrants as of December 31, 1983. Benefit accruals for plan participants were frozen as of December 31, 2019. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	<u>Eligibility</u>	<u>Monthly Benefit</u>
1. Normal Retirement Benefit	Age 65.	The greater of (a) and (b), minus (c) and (d); or (e)
a. Credited Service Formula		Monthly benefit rate of \$25.00 times years of service.
b. Final Earnings Formula		60% of final average pay prorated for formula benefit years of service less than 25, minus 65% of monthly Social Security benefits. Final average pay is the monthly average of pay during the highest 3 consecutive years out of the 10 years prior to termination or retirement.
c. Offset Amount		The amount accrued as of July 30, 1981 under a retirement plan of International Harvester Company.
d. RIP Offset		Normal retirement amount accrued as of 12/31/10 under the Caterpillar RIP plan for employees transferred to Cat RIP before 1/1/2011, later terminated/retired on or after 1/1/2011.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
e. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later, only for those participants who chose to be covered under this formula as of July 1, 2003.	Sum of i and ii. i. Retirement benefit as calculated in (a) – (d) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten (10), but not more than fifteen (15) years of vesting service – 8% per year of credited service earned while participants have more than fifteen (15), but not more than twenty (20) years of vesting service – 9% per year of credited service earned while participants have more than twenty (20) years of vesting service Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit		The greater of (a) and (b), minus (c) and (d); or (e)
a. Credited Service Formula	Age 60 and 10 years <u>or</u> age 55 and age plus service over 85 <u>or</u> any age with 30 years of service.	Amount calculated in (1)(a) actuarially reduced for commencement prior to age 62 unless employee has 30 years of service or age plus service greater than 85.
b. Final Earnings Formula	Age 55 and 10 years.	Amount calculated in (1)(b), before reduction for Social Security benefit, reduced by 0.25% for each month retirement precedes age 62. The benefit is further reduced at age 62 for the Social Security benefit as described in (1)(b).
c. Offset Amount		For participants eligible to retire on July 30, 1981, the amount as if the participant had retired on July 30, 1981. Otherwise the accrued benefit is reduced by the appropriate factors at retirement based on the International Harvester plan provisions.
d. RIP Offset for Early Retirement		Amount of 1. d. reduced actuarially as of actual retirement date.
e. Pension Equity Formula (PEP)	Termination after 3 years of vesting service.	Any benefit accrued under 2(a) - 2(d) above as of July 1, 2003 plus actuarially equivalent life annuity in 1(e)(ii) above.
3. Supplemental Allowance	Meets early retirement eligibility under Credited Service Formula and not covered under the Pension Equity Formula.	Amount payable until age 62 that will bring the participant's monthly retirement income up to \$1,800. For participants who retired with less than 30 years of service, this amount is prorated and reduced for payment before age 60.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	Eligibility	Monthly Benefit
4. Vested Benefit	Termination after 3 years of service.	i. or ii. i. Amount calculated in 1(a) – 1(d) above reduced 7.2% per year if benefits are received after age 60 and prior to age 65 (and reduced based on actuarial equivalent if received prior to age 60) times credited service at termination, divided by projected total credited service to age 65. ii. Any benefit accrued under 1(a) – 1(d) above as of July 1, 2003 plus actuarially equivalent life annuity in 1(e)(ii) above.
5. Disability Benefit	Total and permanent disability after 10 years of service.	Monthly benefit rate of \$25.00 times years of service plus a temporary benefit of \$15.00 times years of service, payable until age 62 or eligible for unreduced Federal Social Security.
6. Preretirement Death Benefit Traditional	Death while married or in a legally recognized same-sex domestic partnership for at least one year after meeting vesting requirement, and not having met early retirement eligibility.	An amount equal to 50% of the vested benefit, reduced for each month the retiree would have been under age 65 at the time the survivor commences benefits.
7. Preretirement Death Benefit-PEP	3 years of service regardless of marital status, only for those participants who chose to be covered under this formula as of July 1, 2003.	Spouse or legally recognized same-sex partner receives death benefit described in 7. above on benefit accrued as of July 1, 2003 as a minimum. Any beneficiary receives 100% of 1(e)(i) plus 1(e)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse or legally recognized same-sex partner).

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
8. Postponed Retirement Benefit	Retired after Normal Retirement Date.	The greater of Normal Retirement Benefit calculated based on age, earnings and service as of benefit commencement date, or Normal Retirement Benefit calculated based on age, earnings and service as of normal retirement date, then actuarially increased up to benefit commencement date.
9. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 55% Joint and Survivor Annuity Option (or 60% of 95% of the pension, depending on class of employment). Other forms available include 75% Joint and Survivor Annuity, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3

CATERPILLAR INC.

FORMER RETIREMENT SECURITY PLAN PORTION OF THE RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of January 1, 2011. Benefit accruals for plan participants that were 40 years or older as of December 31, 2010 and were last hired prior to January 1, 2003 were frozen as of December 31, 2019. Benefit accruals for all remaining plan participants were frozen as of December 31, 2010. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	<u>Eligibility</u>	<u>Monthly Benefit</u>
1. Normal Retirement Benefit		
<u>Corinth & Prentiss ONLY</u>		
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	\$30.00 times years of service.
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.5% times Final Average Pay times the lesser of service and 35.
<u>All Other Facilities</u>		
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	\$15.00 times years of service.*
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.0% times Final Average Pay times the lesser of service and 35.*

* Participants employed at some of the company's focus facilities may have other benefit levels in effect.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3
(Cont'd)

	Eligibility	Monthly Benefit
c. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later.	Sum of i and ii. i. Normal retirement benefit as calculated in (a) and (b) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 (or from date of hire for participant hired after December 31, 2002) is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten, but not more than fifteen years of vesting service – 8% per year of credited service earned while participants have more than fifteen, but not more than twenty years of vesting service – 9% per year of credited service earned while participants have more than twenty years of vesting service Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum upon termination.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit <u>Corinth & Prentiss ONLY</u>	Age 55 and 10 years of service.	Computed as in 1(a), 1(b) or 1(c)(i) and reduced for each year benefits commence prior to age 65 and/or actuarially equivalent life annuity calculated in 1(c)(ii). The reduction for the Credited Service Formula is 6% per year, and the reduction for the Final Earnings Formula is 4% per year.
<u>All Other Facilities</u>	Age 55 and 10 years of service.	Computed as in 1(a), 1(b) or 1(c)(i) and reduced 6% for each year benefits commence prior to age 65 and/or actuarially equivalent life annuity calculated in 1(c)(ii).
3. Vested Benefit	3 years of service.	Same as (2), reduced 6% per year before age 65 for all facilities.
4. Disability Benefit	NA	None for disability occurring after December 31, 2010.
5. Preretirement Surviving Spouse's Benefit – Traditional for Early Retirement Eligible Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting early retirement requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for retirement early commencement and further reduced to reflect an optional form of a 50% J&S annuity being elected.
6. Preretirement Surviving Spouse's Benefit – Traditional for Vested Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting vesting requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for vested termination early commencement, but not for the 50% J&S annuity optional form, payable at the earliest commencement date.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
7. Preretirement Death Benefit-PEP	3 years of service regardless of marital status.	Beneficiary receives 100% of 1(c)(i) plus 1(c)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse). If the beneficiary is a surviving spouse, benefit calculated as in (5) or (6) based on 1(c)(i) only is minimum.
8. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 50% Joint & Survivor Annuitant Option (55% for credited service benefit). Other forms available include 50%, 75%, or 100% Joint & Survivor Annuitant, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4

CATERPILLAR INC.

FORMER RETIREMENT PROTECTION PLAN PORTION OF THE RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of January 1, 2011. Benefit accruals for plan participants that were 40 years or older as of December 31, 2010 and were last hired prior to January 1, 2003 were frozen as of December 31, 2019. Benefit accruals for all remaining plan participants were frozen as of December 31, 2010. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	<u>Eligibility</u>	<u>Monthly Benefit</u>
1. Normal Retirement Benefit		
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	\$30.00 times years of service.
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.5% times Final Average Pay (averaged over 60 months) times the lesser of service and 35.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
c. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later.	Sum of i and ii. i. Normal retirement benefit as calculated in (a) and (b) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 (or from date of hire for participant hired after December 31, 2002) is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten (10), but not more than fifteen (15) years of vesting service – 8% per year of credited service earned while participants have more than fifteen (15), but not more than twenty (20) years of vesting service – 9% per year of credited service earned while participants have more than twenty (20) years of vesting service Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum upon termination.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit	Age 55 and 10 years of service.	Computed as in (1)(a), 1(b), or 1(c)(i) and reduced for each year benefits commence prior to age 65 and/or actuarially equivalent life annuity calculated in 1(c)(ii). The reduction for the Credited Service Formula is 6% per year, and the reduction for the Final Earnings Formula is 4% per year.
3. Vested Benefit	3 years of service.	Same as (2), but reduced 6% per year before age 65 for Final Earnings Formula
4. Disability Benefit	NA	None for disability occurring after December 31, 2010.
5. Preretirement Surviving Spouse's Benefit – Traditional for Early Retirement Eligible Employees	Death while married or with a legally recognized same sex domestic partner at least one year after meeting early retirement requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for retirement early commencement and further reduced to reflect an optional form of a 50% J&S annuity being elected.
6. Preretirement Surviving Spouse's Benefit – Traditional for Vested Employees	Death while married or with a legally recognized same sex domestic partner at least one year after meeting vesting requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for vested termination early commencement but not for the 50% J&S optional form, payable at the earliest commencement date.
7. Preretirement Death Benefit-PEP	3 years of service regardless of marital status.	Beneficiary receives 100% of 1(c)(i) plus 1(c)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse). If the beneficiary is a surviving spouse, benefit calculated as in (5) or (6) based on 1(c)(i) only is minimum.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
8. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 50% Joint & Survivor Annuitant Option (55% for credited service benefit). Other forms available include 50%, 75%, or 100% Joint & Survivor Annuitant, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 5

CATERPILLAR INC.

FORMER GLOBAL MINING LEGACY EMPLOYEES' (SALARIED) RETIREMENT PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of December 31, 2011. Benefit accruals for all plan participants were frozen as of December 31, 2011, and benefits shall not increase, except to the extent that Interest Credits are provided to Cash Balance Participants. This plan merged with the Retirement Income Plan as of December 31, 2021.

	<u>Eligibility</u>	<u>Amount of Benefit</u>
1. Normal Retirement Benefit	Age 65	
a. Opening Cash Balance Formula		Participants as of December 31, 1999: the opening balance was equal to the single sum value of the participant's accrued benefit as of December 31, 1999. If a participant had completed 15 or more years of credited service as of December 31, 1999, the single sum value included the full value of the early retirement subsidy under the prior plan formula. Employees hired on or after January 1, 1999 and prior to January 1, 2000 who met the plan's eligibility requirements on January 1, 2000: an amount equal to 4% of 1999 compensation was credited to the participant's cash balance account.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 5
(Cont'd)

	Eligibility	Amount of Benefit
b. Pay Credits Formula		Prior to January 1, 2012, a participant's cash balance account was credited with an amount equal to a percentage of the participant's monthly compensation based on years of service at the end of the prior plan year. The percentage is 4.0% for less than 5 years of service, increasing by 0.5% for every 5 years of service, and reaching an ultimate of 7.0% for 30 years or more of service. After December 31, 2011, no Pay Credits will be credited.
c. Transitional Pay Credits		Participants as of December 31, 1999: during the period January 1, 2000 through December 31, 2009, a participant's cash balance account was credited with an additional amount equal to a percentage of the participant's monthly compensation based on years of service as of December 31, 1999: 1.5% for less than 15 years and 2.5% for 15 or more years of service.
d. Interest Credits		Cash balance accounts are credited monthly with interest at a rate equal to the 30-year Treasury securities rate for the month of November of the preceding plan year.
2. Early Retirement Benefit	Age 60 or age 55 and 10 years of service	Cash Balance account as computed in (1).
3. Vested Benefit	Age 65 or 3 years of service after age 18	Participants are 100% vested and are eligible to receive (1) a deferred benefit which is the equivalent of the participant's cash balance account with interest at the time benefits commence or (2) a lump sum payment of their cash balance account.
4. Disability Benefit	Disability as an active employee	Participants become 100% vested in the cash balance account computed in (1).

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 5
(Cont'd)

	<u>Eligibility</u>	<u>Amount of Benefit</u>
5. Pre-retirement Death Benefit	Death of participant	The participant's beneficiary will receive a death benefit in an amount equal to the vested balance of the participant's cash balance account. If the beneficiary is the participant's surviving spouse, the death benefit will be paid in the form of an actuarially equivalent single life annuity, unless the spouse elects to receive a lump sum payment.
6. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is a 50% Joint & Survivor Annuitant Option. Other forms include 66-2/3%, 75%, or 100% Joint & Survivor Annuitant Option, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. Cash balance benefits can be paid as a lump sum.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a - Schedule of Active Participant Data as of January 1, 2024

Summary of Active Participant Counts and Frozen Accrued Benefit Amounts by Age and Service

Attained Age	Years of credited service											
		Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	Total
Under 25	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. AB	-	-	-	-	-	-	-	-	-	-	-
25 – 29	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. AB	-	-	-	-	-	-	-	-	-	-	-
30 – 34	No.	6	3	0	0	0	0	0	0	0	0	9
	Avg. AB	-	-	-	-	-	-	-	-	-	-	-
35 - 39	No.	128	512	28	0	0	0	0	0	0	0	668
	Avg. AB	750	5,322	8,927	-	-	-	-	-	-	-	4,597
40 - 44	No.	101	1,130	875	58	1	0	0	0	0	0	2,165
	Avg. AB	657	5,492	11,478	12,774	-	-	-	-	-	-	7,881
45 - 49	No.	77	628	859	835	26	0	0	0	0	0	2,425
	Avg. AB	572	4,343	11,356	17,857	21,788	-	-	-	-	-	11,548
50 - 54	No.	58	441	561	605	347	280	134	7	0	0	2,433
	Avg. AB	783	3,960	9,362	18,153	28,902	54,667	68,277	-	-	-	21,825
55 - 59	No.	41	277	251	80	334	467	257	262	0	0	1,969
	Avg. AB	344	2,987	6,243	12,994	30,670	50,997	66,174	87,259	-	-	39,297
60 - 64	No.	30	186	139	50	165	184	109	135	19	0	1,017
	Avg. AB	345	1,874	4,476	11,202	29,328	46,290	63,343	78,917	-	-	33,535
65 - 69	No.	5	60	33	15	28	45	17	8	7	9	227
	Avg. AB	-	1,626	3,583	-	22,364	45,215	-	-	-	-	26,968
70 & Over	No.	0	6	4	1	6	5	3	0	3	3	31
	Avg. AB	-	-	-	-	-	-	-	-	-	-	32,171

The above chart represents all RIP active participants and includes both traditional and PEP frozen accrued benefits. Compensation has not been included in this exhibit since compensation is no longer used to determine the benefits under the plan.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a - Schedule of Active Participant Data as of January 1, 2024

Summary of Active Participants with Pension Account Balances

Attained Age	Years of credited service											
		Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	Total
Under 25	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-
25 – 29	No.	0	0	0	0	0	0	0	0	0	0	0
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-
30 – 34	No.	5	3	0	1	0	0	0	0	0	0	9
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-
35 - 39	No.	128	509	30	16	7	0	0	0	0	0	690
	Avg. Bal.	940	7,227	11,645	-	-	-	-	-	-	-	6,263
40 - 44	No.	101	1,127	776	30	16	1	0	0	0	0	2,051
	Avg. Bal.	1,055	8,877	19,115	17,934	-	-	-	-	-	-	12,596
45 - 49	No.	78	622	629	237	21	1	4	0	0	0	1,592
	Avg. Bal.	1,131	9,229	22,110	34,680	20,546	-	-	-	-	-	17,991
50 - 54	No.	53	434	467	172	109	55	21	2	0	0	1,313
	Avg. Bal.	1,418	10,726	23,537	49,780	97,392	163,592	190,559	-	-	-	36,595
55 - 59	No.	40	273	243	80	143	70	25	17	2	0	893
	Avg. Bal.	1,067	10,920	22,852	92,095	122,908	152,894	195,292	-	-	-	59,656
60 - 64	No.	29	184	132	52	76	26	10	7	3	2	521
	Avg. Bal.	1,201	9,237	22,631	86,421	97,469	112,611	-	-	-	-	43,619
65 - 69	No.	3	60	32	16	13	6	2	3	3	2	140
	Avg. Bal.	-	10,225	22,804	-	-	-	-	-	-	-	36,066
70 & Over	No.	0	5	4	1	1	1	0	0	0	1	13
	Avg. Bal.	-	-	-	-	-	-	-	-	-	-	-

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26b
Schedule of Projection of Expected Benefit Payments
as of January 1, 2024

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2024	10,365,093	3,252,131	670,160,515	683,777,739
2025	28,120,503	5,199,589	645,490,337	678,810,429
2026	44,615,200	7,824,165	628,125,002	680,564,367
2027	60,435,732	10,691,206	609,941,407	681,068,345
2028	75,247,644	14,225,330	591,143,909	680,616,883
2029	88,921,222	17,647,431	571,681,384	678,250,037
2030	101,226,209	20,816,235	551,726,030	673,768,474
2031	112,093,892	24,075,208	531,230,976	667,400,076
2032	121,702,381	27,120,940	510,283,082	659,106,403
2033	129,692,222	29,579,631	488,621,581	647,893,434
2034	136,018,782	31,781,828	466,653,595	634,454,205
2035	141,178,612	33,656,581	444,167,217	619,002,410
2036	145,313,589	35,037,038	421,414,969	601,765,596
2037	148,493,655	36,279,116	398,465,024	583,237,795
2038	150,707,667	37,266,709	376,289,280	564,263,656
2039	152,118,743	38,119,195	351,901,218	542,139,156
2040	152,784,073	38,794,736	328,595,686	520,174,495
2041	152,611,867	39,300,979	305,455,596	497,368,442
2042	151,651,999	39,743,041	282,605,549	474,000,589
2043	150,131,764	40,094,342	260,071,011	450,297,117
2044	148,055,738	40,242,759	238,087,974	426,386,471
2045	145,512,825	40,282,982	216,731,908	402,527,715
2046	142,497,166	40,214,087	196,124,110	378,835,363
2047	139,015,049	39,770,909	176,379,509	355,165,467
2048	135,087,113	39,192,374	157,612,805	331,892,292
2049	130,710,247	38,618,199	139,893,653	309,222,099
2050	125,931,713	37,398,472	123,321,759	286,651,944
2051	120,778,915	36,057,350	107,941,847	264,778,112
2052	115,269,648	34,467,009	93,791,618	243,528,275
2053	109,451,348	32,735,131	80,884,149	223,070,628

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2054	103,349,435	30,997,734	69,212,117	203,559,286
2055	97,016,447	29,213,900	58,749,936	184,980,283
2056	90,498,200	27,399,100	49,456,551	167,353,851
2057	83,866,028	25,568,755	41,278,434	150,713,217
2058	77,180,541	23,738,671	34,151,870	135,071,082
2059	70,513,804	21,925,215	28,004,908	120,443,927
2060	63,937,484	20,144,700	22,759,251	106,841,435
2061	57,522,987	18,412,514	18,332,182	94,267,683
2062	51,338,774	16,742,323	14,638,565	82,719,662
2063	45,445,586	15,145,388	11,592,815	72,183,789
2064	39,894,887	13,630,384	9,111,167	62,636,438
2065	34,726,594	12,261,769	7,113,304	54,101,667
2066	29,968,292	10,868,267	5,524,082	46,360,641
2067	25,635,274	9,626,450	4,274,874	39,536,598
2068	21,731,587	8,477,754	3,304,258	33,513,599
2069	18,251,525	7,420,585	2,558,350	28,230,460
2070	15,181,553	6,452,446	1,990,863	23,624,862
2071	12,501,789	5,570,233	1,562,835	19,634,857
2072	10,187,544	4,770,608	1,242,108	16,200,260
2073	8,210,789	4,050,248	1,002,773	13,263,810

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
Schedule of Amortization Bases
as of January 1, 2024

Type of Base	Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1. Shortfall	01/01/2024	(418,965,702)	15.00000	(418,965,702)	(38,554,121)
2. Shortfall	01/01/2023	814,534,722	14.00000	778,844,292	75,053,993
Total				359,878,590	36,499,872

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2024

See Schedule SB, Part V – Statement of Actuarial Assumptions/Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed. For each active participant, an expected retirement age was calculated weighted in proportion to the probability that the individual would remain an active participant to each age and then retire at that age. The plan's weighted average retirement age of 62 is the arithmetic average of the expected retirement ages of all participants on January 1, 2024.

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26b
Schedule of Projection of Expected Benefit Payments
as of January 1, 2024

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2024	10,365,093	3,252,131	670,160,515	683,777,739
2025	28,120,503	5,199,589	645,490,337	678,810,429
2026	44,615,200	7,824,165	628,125,002	680,564,367
2027	60,435,732	10,691,206	609,941,407	681,068,345
2028	75,247,644	14,225,330	591,143,909	680,616,883
2029	88,921,222	17,647,431	571,681,384	678,250,037
2030	101,226,209	20,816,235	551,726,030	673,768,474
2031	112,093,892	24,075,208	531,230,976	667,400,076
2032	121,702,381	27,120,940	510,283,082	659,106,403
2033	129,692,222	29,579,631	488,621,581	647,893,434
2034	136,018,782	31,781,828	466,653,595	634,454,205
2035	141,178,612	33,656,581	444,167,217	619,002,410
2036	145,313,589	35,037,038	421,414,969	601,765,596
2037	148,493,655	36,279,116	398,465,024	583,237,795
2038	150,707,667	37,266,709	376,289,280	564,263,656
2039	152,118,743	38,119,195	351,901,218	542,139,156
2040	152,784,073	38,794,736	328,595,686	520,174,495
2041	152,611,867	39,300,979	305,455,596	497,368,442
2042	151,651,999	39,743,041	282,605,549	474,000,589
2043	150,131,764	40,094,342	260,071,011	450,297,117
2044	148,055,738	40,242,759	238,087,974	426,386,471
2045	145,512,825	40,282,982	216,731,908	402,527,715
2046	142,497,166	40,214,087	196,124,110	378,835,363
2047	139,015,049	39,770,909	176,379,509	355,165,467
2048	135,087,113	39,192,374	157,612,805	331,892,292
2049	130,710,247	38,618,199	139,893,653	309,222,099
2050	125,931,713	37,398,472	123,321,759	286,651,944
2051	120,778,915	36,057,350	107,941,847	264,778,112
2052	115,269,648	34,467,009	93,791,618	243,528,275
2053	109,451,348	32,735,131	80,884,149	223,070,628

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2054	103,349,435	30,997,734	69,212,117	203,559,286
2055	97,016,447	29,213,900	58,749,936	184,980,283
2056	90,498,200	27,399,100	49,456,551	167,353,851
2057	83,866,028	25,568,755	41,278,434	150,713,217
2058	77,180,541	23,738,671	34,151,870	135,071,082
2059	70,513,804	21,925,215	28,004,908	120,443,927
2060	63,937,484	20,144,700	22,759,251	106,841,435
2061	57,522,987	18,412,514	18,332,182	94,267,683
2062	51,338,774	16,742,323	14,638,565	82,719,662
2063	45,445,586	15,145,388	11,592,815	72,183,789
2064	39,894,887	13,630,384	9,111,167	62,636,438
2065	34,726,594	12,261,769	7,113,304	54,101,667
2066	29,968,292	10,868,267	5,524,082	46,360,641
2067	25,635,274	9,626,450	4,274,874	39,536,598
2068	21,731,587	8,477,754	3,304,258	33,513,599
2069	18,251,525	7,420,585	2,558,350	28,230,460
2070	15,181,553	6,452,446	1,990,863	23,624,862
2071	12,501,789	5,570,233	1,562,835	19,634,857
2072	10,187,544	4,770,608	1,242,108	16,200,260
2073	8,210,789	4,050,248	1,002,773	13,263,810

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Caterpillar Inc.
EIN/PN	37-0602744/002
Plan Name	Caterpillar Inc. Retirement Income Plan
Valuation Date	January 1, 2024
Enrolled Actuary	Matthew Wall
Enrollment Number	23-08570

The actuarial assumptions that are not mandated by IRC § 430 and regulations represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

Plan Name:	Caterpillar Inc. Retirement Income Plan
EIN / PN:	37-0602744 / 002
Plan Sponsor:	Caterpillar Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

CATERPILLAR INC.

RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of January 1, 2011. Benefit accruals for plan participants that were 40 years or older as of December 31, 2010 and were last hired prior to January 1, 2003 were frozen as of December 31, 2019. Benefit accruals for all remaining plan participants were frozen as of December 31, 2010. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	<u>Eligibility</u>	<u>Monthly Benefit</u>
1. Normal Retirement Benefit		(a) plus (b), or (c)
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	Monthly benefit rate of \$43.35 times years of service plus an earnings-related supplement up to \$7.00 times years of service.
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.5%* of final average pay times years of service up to 35 minus amount calculated in 1(a). Final average pay is the monthly average of pay during the highest 5 years out of the 10 years prior to termination or retirement. * Alternate percentages apply to certain participants

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 1
(Cont'd)

	Eligibility	Monthly Benefit
c. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later.	Sum of i and ii. i. Normal retirement benefit as calculated in (a) and (b) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 (or from date of hire for participant hired after December 31, 2002) is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten, but not more than fifteen years of vesting service – 8% per year of credited service earned while participants have more than fifteen, but not more than twenty years of vesting service – 9% per year of credited service earned while participants have more than twenty years of vesting service. Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum following termination.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 1
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit		(a) plus (b), or (c)
a. Credited Service Formula	Age 60 and 10 years <u>or</u> age 55 and age plus service over 85 <u>or</u> any age with 30 years of service.	Amount calculated in 1(a) reduced by one-half of 1% for each month retirement precedes age 62. If the participant meets the age 55 eligibility, has 30 years of service, or retires after age 62, the benefit is not reduced.
b. Final Earnings Formula	Age 60 and 10 years <u>or</u> age 55 and 15 years <u>or</u> any age with 30 years of service.	Amount calculated in 1(b) before subtracting Credited Service formula, reduced by one-third of 1% for each month retirement precedes age 62, minus amount calculated in 2(a).
c. Pension Equity Formula	Termination after 3 years of vesting service.	Any benefit accrued under 2(a) and 2(b) as of July 1, 2003 plus actuarially equivalent life annuity in 1(c)(ii) above.
3. Additional Early Retirement Benefit (Supplemental)	Meets early retirement eligibility under Credited Service Formula and not covered under the Pension Equity Formula.	Amount payable until age 62 that will bring the participant's monthly retirement income up to the AERA target of \$2,800. For participants who retire with less than 30 years of credited service, this amount is prorated and reduced for payment before age 60.
4. Vested Benefit	Termination after 3 years of service.	Amounts calculated in 1(a), 1(b), or 1(c)(i) reduced 6% for each year that benefits are received prior to age 65, plus actuarially equivalent life annuity calculated in 1(c)(ii) if any.
5. Disability Benefit	NA	None for disability occurring after December 31, 2010.
6. Preretirement Surviving Spouse's Benefit-Traditional for Early Retirement Eligible Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting early retirement requirements.	The greater of 55% of the amount calculated in 2(a) (reduced for spouses or partners more than 10 years younger) and 50% of the amount calculated in 1(b), before subtracting 2(a) and after reducing for early retirement commencement and J&S election.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 1
(Cont'd)

	Eligibility	Monthly Benefit
7. Preretirement Surviving Spouse's Benefit – Traditional for Vested Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting vesting requirements.	The greater of 55% of the amount calculated in 1(a) and 50% of the amount in 1(b) before subtracting 1(a). This greater amount is then reduced for terminated vested early commencement but not J&S election, payable at earliest commencement date.
8. Preretirement Death Benefit-PEP	3 years of service regardless of marital status.	Beneficiary receives 100% of 1(c)(i) plus 1(c)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse). If the beneficiary is a surviving spouse, benefit calculated as in (6) or (7) based on 1(c)(i) only is minimum.
9. Postretirement Surviving Spouse's Benefit — Credited Service Formula	Eligibility for a vested or early retirement benefit under credited service formula.	For married participants or participants with a legally recognized same sex domestic partner who elect this option, 55% of the amount calculated in 1(a) or 2(a) will be continued to the participant's surviving spouse or partner after the participant's death, reduced for spouses or partners more than 10 years younger.
10. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 50% Joint and Survivor Annuity Option (55% for credited service benefit). Other forms available include 50%, 75%, or 100% Joint and Survivor Annuity, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2

CATERPILLAR INC.

FORMER SOLAR TURBINES INCORPORATED RETIREMENT PLAN PORTION OF THE RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The former Solar Turbines Retirement Plan was closed to new entrants as of December 31, 1983. Benefit accruals for plan participants were frozen as of December 31, 2019. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	<u>Eligibility</u>	<u>Monthly Benefit</u>
1. Normal Retirement Benefit	Age 65.	The greater of (a) and (b), minus (c) and (d); or (e)
a. Credited Service Formula		Monthly benefit rate of \$25.00 times years of service.
b. Final Earnings Formula		60% of final average pay prorated for formula benefit years of service less than 25, minus 65% of monthly Social Security benefits. Final average pay is the monthly average of pay during the highest 3 consecutive years out of the 10 years prior to termination or retirement.
c. Offset Amount		The amount accrued as of July 30, 1981 under a retirement plan of International Harvester Company.
d. RIP Offset		Normal retirement amount accrued as of 12/31/10 under the Caterpillar RIP plan for employees transferred to Cat RIP before 1/1/2011, later terminated/retired on or after 1/1/2011.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
e. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later, only for those participants who chose to be covered under this formula as of July 1, 2003.	Sum of i and ii. i. Retirement benefit as calculated in (a) – (d) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten (10), but not more than fifteen (15) years of vesting service – 8% per year of credited service earned while participants have more than fifteen (15), but not more than twenty (20) years of vesting service – 9% per year of credited service earned while participants have more than twenty (20) years of vesting service Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit		The greater of (a) and (b), minus (c) and (d); or (e)
a. Credited Service Formula	Age 60 and 10 years <u>or</u> age 55 and age plus service over 85 <u>or</u> any age with 30 years of service.	Amount calculated in (1)(a) actuarially reduced for commencement prior to age 62 unless employee has 30 years of service or age plus service greater than 85.
b. Final Earnings Formula	Age 55 and 10 years.	Amount calculated in (1)(b), before reduction for Social Security benefit, reduced by 0.25% for each month retirement precedes age 62. The benefit is further reduced at age 62 for the Social Security benefit as described in (1)(b).
c. Offset Amount		For participants eligible to retire on July 30, 1981, the amount as if the participant had retired on July 30, 1981. Otherwise the accrued benefit is reduced by the appropriate factors at retirement based on the International Harvester plan provisions.
d. RIP Offset for Early Retirement		Amount of 1. d. reduced actuarially as of actual retirement date.
e. Pension Equity Formula (PEP)	Termination after 3 years of vesting service.	Any benefit accrued under 2(a) - 2(d) above as of July 1, 2003 plus actuarially equivalent life annuity in 1(e)(ii) above.
3. Supplemental Allowance	Meets early retirement eligibility under Credited Service Formula and not covered under the Pension Equity Formula.	Amount payable until age 62 that will bring the participant's monthly retirement income up to \$1,800. For participants who retired with less than 30 years of service, this amount is prorated and reduced for payment before age 60.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	Eligibility	Monthly Benefit
4. Vested Benefit	Termination after 3 years of service.	i. or ii. i. Amount calculated in 1(a) – 1(d) above reduced 7.2% per year if benefits are received after age 60 and prior to age 65 (and reduced based on actuarial equivalent if received prior to age 60) times credited service at termination, divided by projected total credited service to age 65. ii. Any benefit accrued under 1(a) – 1(d) above as of July 1, 2003 plus actuarially equivalent life annuity in 1(e)(ii) above.
5. Disability Benefit	Total and permanent disability after 10 years of service.	Monthly benefit rate of \$25.00 times years of service plus a temporary benefit of \$15.00 times years of service, payable until age 62 or eligible for unreduced Federal Social Security.
6. Preretirement Death Benefit Traditional	Death while married or in a legally recognized same-sex domestic partnership for at least one year after meeting vesting requirement, and not having met early retirement eligibility.	An amount equal to 50% of the vested benefit, reduced for each month the retiree would have been under age 65 at the time the survivor commences benefits.
7. Preretirement Death Benefit-PEP	3 years of service regardless of marital status, only for those participants who chose to be covered under this formula as of July 1, 2003.	Spouse or legally recognized same-sex partner receives death benefit described in 7. above on benefit accrued as of July 1, 2003 as a minimum. Any beneficiary receives 100% of 1(e)(i) plus 1(e)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse or legally recognized same-sex partner).

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 2
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
8. Postponed Retirement Benefit	Retired after Normal Retirement Date.	The greater of Normal Retirement Benefit calculated based on age, earnings and service as of benefit commencement date, or Normal Retirement Benefit calculated based on age, earnings and service as of normal retirement date, then actuarially increased up to benefit commencement date.
9. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 55% Joint and Survivor Annuity Option (or 60% of 95% of the pension, depending on class of employment). Other forms available include 75% Joint and Survivor Annuity, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3

CATERPILLAR INC.

FORMER RETIREMENT SECURITY PLAN PORTION OF THE RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of January 1, 2011. Benefit accruals for plan participants that were 40 years or older as of December 31, 2010 and were last hired prior to January 1, 2003 were frozen as of December 31, 2019. Benefit accruals for all remaining plan participants were frozen as of December 31, 2010. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	Eligibility	Monthly Benefit
1. Normal Retirement Benefit		
<u>Corinth & Prentiss ONLY</u>		
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	\$30.00 times years of service.
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.5% times Final Average Pay times the lesser of service and 35.
<u>All Other Facilities</u>		
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	\$15.00 times years of service.*
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.0% times Final Average Pay times the lesser of service and 35.*

* Participants employed at some of the company's focus facilities may have other benefit levels in effect.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3
(Cont'd)

	Eligibility	Monthly Benefit
c. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later.	Sum of i and ii. i. Normal retirement benefit as calculated in (a) and (b) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 (or from date of hire for participant hired after December 31, 2002) is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten, but not more than fifteen years of vesting service – 8% per year of credited service earned while participants have more than fifteen, but not more than twenty years of vesting service – 9% per year of credited service earned while participants have more than twenty years of vesting service Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum upon termination.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit <u>Corinth & Prentiss ONLY</u>	Age 55 and 10 years of service.	Computed as in 1(a), 1(b) or 1(c)(i) and reduced for each year benefits commence prior to age 65 and/or actuarially equivalent life annuity calculated in 1(c)(ii). The reduction for the Credited Service Formula is 6% per year, and the reduction for the Final Earnings Formula is 4% per year.
<u>All Other Facilities</u>	Age 55 and 10 years of service.	Computed as in 1(a), 1(b) or 1(c)(i) and reduced 6% for each year benefits commence prior to age 65 and/or actuarially equivalent life annuity calculated in 1(c)(ii).
3. Vested Benefit	3 years of service.	Same as (2), reduced 6% per year before age 65 for all facilities.
4. Disability Benefit	NA	None for disability occurring after December 31, 2010.
5. Preretirement Surviving Spouse's Benefit – Traditional for Early Retirement Eligible Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting early retirement requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for retirement early commencement and further reduced to reflect an optional form of a 50% J&S annuity being elected.
6. Preretirement Surviving Spouse's Benefit – Traditional for Vested Employees	Death while married or with a legally recognized same sex domestic partner for at least one year after meeting vesting requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for vested termination early commencement, but not for the 50% J&S annuity optional form, payable at the earliest commencement date.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 3
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
7. Preretirement Death Benefit-PEP	3 years of service regardless of marital status.	Beneficiary receives 100% of 1(c)(i) plus 1(c)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse). If the beneficiary is a surviving spouse, benefit calculated as in (5) or (6) based on 1(c)(i) only is minimum.
8. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 50% Joint & Survivor Annuitant Option (55% for credited service benefit). Other forms available include 50%, 75%, or 100% Joint & Survivor Annuitant, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4

CATERPILLAR INC.

FORMER RETIREMENT PROTECTION PLAN PORTION OF THE RETIREMENT INCOME PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of January 1, 2011. Benefit accruals for plan participants that were 40 years or older as of December 31, 2010 and were last hired prior to January 1, 2003 were frozen as of December 31, 2019. Benefit accruals for all remaining plan participants were frozen as of December 31, 2010. Plan participants will continue to earn service toward pension eligibility while actively employed by Caterpillar.

	<u>Eligibility</u>	<u>Monthly Benefit</u>
1. Normal Retirement Benefit		
a. Credited Service Formula	Age 65 or 5 years of service, whichever is later.	\$30.00 times years of service.
b. Final Earnings Formula	Age 65 or 5 years of service, whichever is later.	1.5% times Final Average Pay (averaged over 60 months) times the lesser of service and 35.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
c. Pension Equity Formula (PEP)	Age 65 or 5 years of service, whichever is later.	Sum of i and ii. i. Normal retirement benefit as calculated in (a) and (b) above using service and pay earned prior to July 1, 2003. ii. The single life annuity that is the actuarial equivalent of the participant's final average monthly earnings times the sum of percentages earned due to credited service. The schedule of percentages earned for service after June 30, 2003 (or from date of hire for participant hired after December 31, 2002) is as follows: – 4% per year of credited service earned while participants have up to five years of vesting service – 5% per year of credited service earned while participants have more than five years, but no more than ten years of vesting service – 7% per year of credited service earned while participants have more than ten (10), but not more than fifteen (15) years of vesting service – 8% per year of credited service earned while participants have more than fifteen (15), but not more than twenty (20) years of vesting service – 9% per year of credited service earned while participants have more than twenty (20) years of vesting service Note any participant covered under the PEP formula is eligible to take his or her full benefit in the form of a lump sum upon termination.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4
(Cont'd)

	Eligibility	Monthly Benefit
2. Early Retirement Benefit	Age 55 and 10 years of service.	Computed as in (1)(a), 1(b), or 1(c)(i) and reduced for each year benefits commence prior to age 65 and/or actuarially equivalent life annuity calculated in 1(c)(ii). The reduction for the Credited Service Formula is 6% per year, and the reduction for the Final Earnings Formula is 4% per year.
3. Vested Benefit	3 years of service.	Same as (2), but reduced 6% per year before age 65 for Final Earnings Formula
4. Disability Benefit	NA	None for disability occurring after December 31, 2010.
5. Preretirement Surviving Spouse's Benefit – Traditional for Early Retirement Eligible Employees	Death while married or with a legally recognized same sex domestic partner at least one year after meeting early retirement requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for retirement early commencement and further reduced to reflect an optional form of a 50% J&S annuity being elected.
6. Preretirement Surviving Spouse's Benefit – Traditional for Vested Employees	Death while married or with a legally recognized same sex domestic partner at least one year after meeting vesting requirements.	50% of the benefit computed in 1(a), 1(b) or 1(c)(i) reduced for vested termination early commencement but not for the 50% J&S optional form, payable at the earliest commencement date.
7. Preretirement Death Benefit-PEP	3 years of service regardless of marital status.	Beneficiary receives 100% of 1(c)(i) plus 1(c)(ii) paid in a lump sum amount (or monthly benefit for a surviving spouse). If the beneficiary is a surviving spouse, benefit calculated as in (5) or (6) based on 1(c)(i) only is minimum.

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 4
(Cont'd)

	<u>Eligibility</u>	<u>Monthly Benefit</u>
8. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is 50% Joint & Survivor Annuitant Option (55% for credited service benefit). Other forms available include 50%, 75%, or 100% Joint & Survivor Annuitant, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. PEP balances can be paid as a lump sum payment.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 5

CATERPILLAR INC.

FORMER GLOBAL MINING LEGACY EMPLOYEES' (SALARIED) RETIREMENT PLAN

ELIGIBILITY AND BENEFIT PROVISIONS AS OF DECEMBER 31, 2023 AND JANUARY 1, 2024

The plan was closed to new entrants as of December 31, 2011. Benefit accruals for all plan participants were frozen as of December 31, 2011, and benefits shall not increase, except to the extent that Interest Credits are provided to Cash Balance Participants. This plan merged with the Retirement Income Plan as of December 31, 2021.

	<u>Eligibility</u>	<u>Amount of Benefit</u>
1. Normal Retirement Benefit	Age 65	
a. Opening Cash Balance Formula		Participants as of December 31, 1999: the opening balance was equal to the single sum value of the participant's accrued benefit as of December 31, 1999. If a participant had completed 15 or more years of credited service as of December 31, 1999, the single sum value included the full value of the early retirement subsidy under the prior plan formula. Employees hired on or after January 1, 1999 and prior to January 1, 2000 who met the plan's eligibility requirements on January 1, 2000: an amount equal to 4% of 1999 compensation was credited to the participant's cash balance account.

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 5
(Cont'd)

	Eligibility	Amount of Benefit
b. Pay Credits Formula		Prior to January 1, 2012, a participant's cash balance account was credited with an amount equal to a percentage of the participant's monthly compensation based on years of service at the end of the prior plan year. The percentage is 4.0% for less than 5 years of service, increasing by 0.5% for every 5 years of service, and reaching an ultimate of 7.0% for 30 years or more of service. After December 31, 2011, no Pay Credits will be credited.
c. Transitional Pay Credits		Participants as of December 31, 1999: during the period January 1, 2000 through December 31, 2009, a participant's cash balance account was credited with an additional amount equal to a percentage of the participant's monthly compensation based on years of service as of December 31, 1999: 1.5% for less than 15 years and 2.5% for 15 or more years of service.
d. Interest Credits		Cash balance accounts are credited monthly with interest at a rate equal to the 30-year Treasury securities rate for the month of November of the preceding plan year.
2. Early Retirement Benefit	Age 60 or age 55 and 10 years of service	Cash Balance account as computed in (1).
3. Vested Benefit	Age 65 or 3 years of service after age 18	Participants are 100% vested and are eligible to receive (1) a deferred benefit which is the equivalent of the participant's cash balance account with interest at the time benefits commence or (2) a lump sum payment of their cash balance account.
4. Disability Benefit	Disability as an active employee	Participants become 100% vested in the cash balance account computed in (1).

Plan Name: Caterpillar Inc. Retirement Income Plan
 EIN / PN: 37-0602744 / 002
 Plan Sponsor: Caterpillar Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

RIP, Table 5
(Cont'd)

	<u>Eligibility</u>	<u>Amount of Benefit</u>
5. Pre-retirement Death Benefit	Death of participant	The participant's beneficiary will receive a death benefit in an amount equal to the vested balance of the participant's cash balance account. If the beneficiary is the participant's surviving spouse, the death benefit will be paid in the form of an actuarially equivalent single life annuity, unless the spouse elects to receive a lump sum payment.
6. Forms of Payment (currently available to participants commencing retirement)	Preretirement death benefits are payable only as described above. For participants without an eligible spouse, the normal form of payment is the Straight Life Annuity Option. For others, the normal form is a 50% Joint & Survivor Annuitant Option. Other forms include 66-2/3%, 75%, or 100% Joint & Survivor Annuitant Option, a ten-year Certain and Life Annuity, or (for married participants) a Straight Life Annuity. Cash balance benefits can be paid as a lump sum.	

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024

Caterpillar Inc.
Retirement Income Plan

EIN 37-0602744 Plan 002
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2024

(a)	(b)	(c)	(d)	(e)
	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
*	Caterpillar Inc.....	Master Retirement Trust	** \$ 9,727,320,843	\$ 9,193,791,553
	Equitable Financial Life Insurance Company.....	Immediate participation guarantee contract.....	258,147	258,147
		Total Investments.....		<u>\$ 9,194,049,700</u>

* Denotes party in interest.

** Represents historical cost and is allocated based upon the Plan's interest in the Master Retirement Trust as of December 31, 2024.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
Schedule of Amortization Bases
as of January 1, 2024

Type of Base	Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1. Shortfall	01/01/2024	(418,965,702)	15.00000	(418,965,702)	(38,554,121)
2. Shortfall	01/01/2023	814,534,722	14.00000	778,844,292	75,053,993
Total				359,878,590	36,499,872

Plan Name: Caterpillar Inc. Retirement Income Plan
EIN / PN: 37-0602744 / 002
Plan Sponsor: Caterpillar Inc.
Valuation Date: January 1, 2024