

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

2022

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

- A** This return/report is for:
 - a multiemployer plan
 - a single-employer plan
 - a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
 - 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 <u>STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN</u>	1b Three-digit plan number (PN) ▶ <u>004</u>
	1c Effective date of plan <u>06/01/1982</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>STATE AUTO PROPERTY AND CASUALTY INSURANCE COMPANY</u> <u>518 EAST BROAD STREET</u> <u>COLUMBUS, OH 43215</u>	2b Employer Identification Number (EIN) <u>57-6010814</u>
	2c Plan Sponsor's telephone number <u>614-464-5000</u>
	2d Business code (see instructions) <u>524150</u>

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

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	<u>Filed with authorized/valid electronic signature.</u>	<u>10/09/2023</u>	<u>JOE ROSSWURM</u>
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 2915
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1) 2100 6a(2) 0 6b 0 6c 0 6d 0 6e 0 6f 0 6g 0 6h 159
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: 2R 3H 2E 2F 2G 2J 2K 2S 2T 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) <input type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) <input type="checkbox"/> Insurance (2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts (3) <input checked="" type="checkbox"/> Trust (4) <input type="checkbox"/> 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) <input checked="" type="checkbox"/> R (Retirement Plan Information) (2) <input type="checkbox"/> MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) <input type="checkbox"/> SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) <input checked="" type="checkbox"/> H (Financial Information) (2) <input type="checkbox"/> I (Financial Information – Small Plan) (3) <input type="checkbox"/> 0 A (Insurance Information) (4) <input checked="" type="checkbox"/> C (Service Provider Information) (5) <input checked="" type="checkbox"/> D (DFE/Participating Plan Information) (6) <input type="checkbox"/> 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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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 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

2022

This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	004
C Plan sponsor's name as shown on line 2a of Form 5500 STATE AUTO PROPERTY AND CASUALTY INSURANCE COMPANY	D Employer Identification Number (EIN) 57-6010814	

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... Yes No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

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

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

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

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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)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
37 60 64 65 71	RECORDKEEPER	125585	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

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

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

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

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
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(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.	
ABF SM CAP VAL R5 - DST ASSET MANA 430 W 7TH STREET STE 219432 KANSAS CITY, MO 64105	0.04%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(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.	
ADVISORS CAPITAL TACTICAL FX INC I 100 SALEM ST SMITHFIELD, RI 02917	0.40%	
(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

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(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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	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.	<small>OMB No. 1210-0110</small> 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN</u>	B Three-digit plan number (PN) ▶	<u>004</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>STATE AUTO PROPERTY AND CASUALTY INSURANCE COMPANY</u>	D Employer Identification Number (EIN) <u>57-6010814</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>FID CONTRAFUND POOL</u>	b Name of sponsor of entity listed in (a): <u>FIDELITY MANAGEMENT TRUST COMPANY</u>	
c EIN-PN <u>04-3022712-133</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>BTC ACWI EX US NL M</u>	b Name of sponsor of entity listed in (a): <u>BLACKROCK INST. TRUST COMPANY, N.A.</u>	
c EIN-PN <u>45-4431141-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>BTC US DEBT IDX NL M</u>	b Name of sponsor of entity listed in (a): <u>BLACKROCK INST. TRUST COMPANY, N.A.</u>	
c EIN-PN <u>45-4395662-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>MIP CL 2</u>	b Name of sponsor of entity listed in (a): <u>FIDELITY MANAGEMENT TRUST COMPANY</u>	
c EIN-PN <u>04-3022712-024</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>TRP BLUE CHIP GR T5</u>	b Name of sponsor of entity listed in (a): <u>T. ROWE PRICE TRUST COMPANY</u>	
c EIN-PN <u>80-0470272-004</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>FIAM CORE PLUS CL E</u>	b Name of sponsor of entity listed in (a): <u>FIAM TRUST COMPANY</u>	
c EIN-PN <u>20-4659714-052</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
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)

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) 004
C Plan sponsor's name as shown on line 2a of Form 5500 STATE AUTO PROPERTY AND CASUALTY INSURANCE COMPANY	D Employer Identification Number (EIN) 57-6010814

Part I	Asset and Liability Statement
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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 0	0
b Receivables (less allowance for doubtful accounts):		
(1) Employer contributions.....	1b(1) 128918	0
(2) Participant contributions.....	1b(2) 0	0
(3) Other.....	1b(3) 0	0
c General investments:		
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1) 10093129	0
(2) U.S. Government securities.....	1c(2) 0	0
(3) Corporate debt instruments (other than employer securities):		
(A) Preferred.....	1c(3)(A) 0	0
(B) All other.....	1c(3)(B) 290	0
(4) Corporate stocks (other than employer securities):		
(A) Preferred.....	1c(4)(A) 496	0
(B) Common.....	1c(4)(B) 3683870	0
(5) Partnership/joint venture interests.....	1c(5) 0	0
(6) Real estate (other than employer real property).....	1c(6) 0	0
(7) Loans (other than to participants).....	1c(7) 0	0
(8) Participant loans.....	1c(8) 4406456	0
(9) Value of interest in common/collective trusts.....	1c(9) 131674215	0
(10) Value of interest in pooled separate accounts.....	1c(10) 0	0
(11) Value of interest in master trust investment accounts.....	1c(11) 0	0
(12) Value of interest in 103-12 investment entities.....	1c(12) 0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13) 327282673	0
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14) 0	0
(15) Other.....	1c(15) 85933	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)	1868392	0
(2) Employer real property.....	1d(2)	0	0
e Buildings and other property used in plan operation.....	1e	0	0
f Total assets (add all amounts in lines 1a through 1e).....	1f	479224372	0
Liabilities			
g Benefit claims payable.....	1g	0	0
h Operating payables.....	1h	0	0
i Acquisition indebtedness.....	1i	0	0
j Other liabilities.....	1j	0	0
k Total liabilities (add all amounts in lines 1g through 1j).....	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f).....	1l	479224372	0

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)	12443105	
(B) Participants.....	2a(1)(B)	17069225	
(C) Others (including rollovers).....	2a(1)(C)	3882600	
(2) Noncash contributions.....	2a(2)	0	33394930
(3) Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2).....	2a(3)		
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	91393	
(B) U.S. Government securities.....	2b(1)(B)	0	
(C) Corporate debt instruments.....	2b(1)(C)	0	
(D) Loans (other than to participants).....	2b(1)(D)	0	
(E) Participant loans.....	2b(1)(E)	160001	
(F) Other.....	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)		251394
(2) Dividends:			
(A) Preferred stock.....	2b(2)(A)	425	
(B) Common stock.....	2b(2)(B)	31823	
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	11716496	
(D) Total dividends. Add lines 2b(2)(A), (B), and (C).....	2b(2)(D)		11748744
(3) Rents.....	2b(3)		0
(4) Net gain (loss) on sale of assets:			
(A) Aggregate proceeds.....	2b(4)(A)	9334906	
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	10549589	
(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)	0	
(B) Other.....	2b(5)(B)	-172	
(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)		-30886499
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-64669854
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		-51376140
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	50986473	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		50986473
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees.....	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	110790	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		110790
j Total expenses. Add all expense amounts in column (b) and enter total	2j		51097263
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		-102473403
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan.....	2l(2)		376750969

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: CLARK, SCHAEFER, HACKETT & COMPANY

(2) EIN: 31-0800053

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

		Yes	No	Amount
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.).....	4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....	4d		X	
e Was this plan covered by a fidelity bond?.....	4e	X		1500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	4i		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.).....	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k	X		
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		X	

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

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)
LIBERTY MUTUAL 401K PLAN	04-3583679	002

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 _____.

SCHEDULE R (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan <u>STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN</u>	B Three-digit plan number (PN) ▶	<u>004</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>STATE AUTO PROPERTY AND CASUALTY INSURANCE COMPANY</u>	D Employer Identification Number (EIN) <u>57-6010814</u>	

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	
---	--

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): 04-6568107

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....

3	
---	--

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

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

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: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	14a	
b The plan year immediately preceding the current plan year. <input type="checkbox"/> 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. <input type="checkbox"/> 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) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
 0-3 years 3-6 years 6-9 years 9-12 years 12-15 years 15-18 years 18-21 years 21 years or more

c What duration measure was used to calculate line 19(b)?
 Effective duration Macaulay duration Modified duration Other (specify): _____

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

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

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
 Yes.
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
 No. Other. Provide explanation _____

State Auto Insurance Companies Retirement Savings Plan

Audited Financial Statements

Years Ended December 31, 2022 and 2021

with Independent Auditors' Report

STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN

Audited Financial Statements

December 31, 2022 and 2021

Contents

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Independent Auditors' Report

To the Plan Participants, Plan Administrator and Benefits Committee of
the State Auto Insurance Companies Retirement Savings Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed an audit of the accompanying financial statements of the State Auto Insurance Companies Retirement Savings Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of and for the years ended December 31, 2022 and 2021, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (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 State Auto Insurance Companies Retirement Savings Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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 State Auto Insurance Companies Retirement Savings Plan's ability to continue as a going concern for one year after the date that 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

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, 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 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 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 State Auto Insurance Companies Retirement Savings 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.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

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.

Clark Schaefer Hackett & Co.

Columbus, Ohio
September 21, 2023

STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN

Statements of Net Assets Available for Benefits

	December 31	
	2022	2021
Assets		
<u>Investments, at fair value:</u>		
Registered investment companies	\$ —	\$ 319,500,389
Money market	—	8,809,707
Common/collective trusts	—	131,522,852
Affiliated stock	—	1,868,392
Self-directed brokerage accounts	—	12,836,295
<i>Total investments</i>	—	474,537,635
<u>Receivables:</u>		
Employer contributions	—	128,918
Notes receivable from participants	—	4,534,565
<i>Total receivables</i>	—	4,663,483
Net assets available for benefits	\$ —	\$ 479,201,118

See accompanying notes.

STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN

Statements of Changes in Net Assets Available for Benefits

	Year Ended December 31	
	2022	2021
Investment income:		
Interest and dividends	12,066,614	10,487,192
Net appreciation (depreciation) in fair value of investments	(96,846,322)	54,375,299
<i>Total investment income (loss)</i>	(84,779,708)	64,862,491
Interest income on notes receivable from participants	160,001	193,818
Contributions:		
Employee contributions	17,069,225	16,187,289
Participant rollovers	3,882,600	4,822,990
Employer contributions	12,443,105	11,816,200
<i>Total contributions</i>	33,394,930	32,826,479
Deductions:		
Benefit payments	51,114,582	46,090,009
Participant loan fees	110,790	183,696
<i>Total deductions</i>	51,225,372	46,273,705
<i>Net change before transfers</i>	(102,450,149)	51,609,083
Transfer of Assets	(376,750,969)	—
<i>Net change after transfers</i>	(479,201,118)	51,609,083
Net assets available for benefits:		
Beginning of year	479,201,118	427,592,035
End of year	\$ —	\$ 479,201,118

See accompanying notes.

1. Description of the Plan

Organization

The State Auto Insurance Companies Retirement Savings Plan (the "Plan") is a defined contribution plan which qualifies as a 401(k) plan. The Plan was adopted effective June 1, 1982, by State Automobile Mutual Insurance Company ("State Auto Mutual") and its affiliates for the purpose of providing a savings plan for the benefit of its employees. In 2010, the Plan was amended to change the Plan's sponsor from State Auto Mutual to its affiliate, State Auto Property & Casualty Insurance Company (the "Company"), the employer of all participants in the Plan. Effective December 31, 2022, the Company approved a merger of the Plan to the Liberty Mutual 401(k) Plan, and eligible employees of the Plan began participating in the Liberty Mutual 401(k) Plan.

The following description of the Plan provides only general information and are prior to the merger of the Plan on December 31, 2022. Participants should refer to the Plan document for a complete description of the Plan.

General

The following disclosures are prior to the merger of the Plan on December 31, 2022. An employee of the Company is eligible to participate in the Plan as of the first day of the pay period coincident with or after the completion of 90 days of employment with the Company provided the employee is or will attain age 18 within the first calendar year that commences after the employee's hire date or the employee's attainment of age 18. A participant will be automatically enrolled in the Plan upon meeting eligibility requirements.

Contributions

Each participant may contribute any whole percentage between 1% and 50% of his or her salary ("basic contribution") up to the maximum Internal Revenue Code (the "Code") limit. Subject to certain limitations, the Company makes safe harbor matching contributions for the first 1% of basic contributions of a participant's salary at the rate of \$1.00 for each \$1.00 contributed by the participant and for basic contributions from 2% to 6% of a participant's salary at the rate of \$0.50 for each \$1.00 contributed by the participant. Participants can change their rate of deferral as of any given pay date. Participants who are automatically enrolled in the Plan and who do not affirmatively elect a different contribution percentage contribute 3% of their salary with automatic increases of 1% annually up to the maximum of 6%. Participants may also suspend contributions at any time. Total participant contributions may not exceed 50% of a participant's salary.

The Company also makes non-elective contributions of 5% of an eligible participant's salary. Participants eligible for the non-elective contributions are those employees hired on or after January 1, 2010, and those participants who irrevocably elected to freeze their future benefit accruals under the State Auto Insurance Companies Employee Retirement Plan, a defined benefit pension plan, effective June 30, 2010. The percentage of the non-elective contribution is determined by the Compensation Committee of the Board of Directors of the Company and can be changed at its discretion.

All Plan participants who are 50 and older as of the beginning of the calendar year, or who attain age 50 during the calendar year and are making the maximum Code pre-tax contribution of \$20,500 and \$19,500 for 2022 and 2021, respectively make additional "Catch-up Contributions" of up to \$6,500 for 2022 and 2021.

Vesting

Plan participants are fully vested in employee contributions and related net earnings or losses. Plan participants are 100% vested in the safe harbor matching contributions and related earnings or losses after two years. Full vesting in non-elective contributions and related net earnings and losses occurs upon completion of three years of service. Any employee terminating prior to completing years of service requirements for vesting will forfeit the unvested portion of their account. In addition, employer matching contributions and related net earnings or losses are fully vested upon retirement at age 65, death or total and permanent disability. Any forfeiture of non-vested employer contributions and related net earnings or losses is first used to restore balances of participants who are re-employed and any remaining forfeiture reduces future employer contributions. Forfeitures of \$801,423 and \$707,189 were used to reduce the Company's contributions during 2022 and 2021, respectively. At December 31, 2022 and 2021, forfeited non-vested accounts totaled \$0 and \$210,211, respectively.

Participant's Accounts

Each participant's account is credited with the participant's contributions and allocations of (a) the Company's contributions and (b) Plan earnings, and is charged with applicable participant loan or Qualified Domestic Relations Order ("QDRO") processing fees. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

Notes Receivable from Participants

Notes receivable from participants ("loans") are valued at their unpaid balance plus any accrued but unpaid interest. Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum of the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from one to five years, or up to 10 years for the purchase of a primary residence. The loans are secured by the balance in the participant's account and bear interest at a rate based on the current Reuters prime rate. Principal and interest are paid ratably through bi-weekly payroll deductions.

Administrative Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of participant loan and QDRO processing fees are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation (depreciation) of fair value of investments.

Payment of Benefits

Upon termination of service, participants generally receive a lump-sum amount equal to the value of their vested account less outstanding loan balances.

Participants may semiannually withdraw from their supplemental accumulated contributions and, subject to certain conditions, participants may withdraw from their vested account based on financial hardship. Participants may withdraw the vested portion of employer matching contributions credited to their account prior to January 1, 2008, subject to certain conditions.

2. Significant Accounting Policies

Basis of Presentation

The accounting records of the Plan are maintained in conformity with U.S. generally accepted accounting principles ("GAAP").

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Valuation of Investments and Related Investment Income

The investments of the Plan at December 31, 2021, consisted of shares of registered investment companies, a money market fund, common/collective trusts, shares of the State Auto Financial Corporation Common Stock Fund (“Affiliated stock”) and self-directed brokerage accounts. The Plan’s investments are stated at fair value. Fair value is the price that would be received to sell an asset in an orderly transaction between market participants at the measurement date. See Note 3 for discussion on fair value measurements.

Investment income, including appreciation and depreciation in fair value of investments, is allocated to participant accounts daily based upon the ratio of each participant’s account to the total fund balance.

Benefit Payments

Benefit payments are recognized when paid.

3. Fair Value Measurements

Below is the fair value hierarchy that categorizes into three levels the inputs to valuation techniques that are used to measure fair value:

- Level 1 includes observable inputs which reflect quoted prices for identical assets or liabilities in active markets at the measurement date.
- Level 2 includes observable inputs for assets or liabilities other than quoted prices included in Level 1, and it includes valuation techniques which use prices for similar assets and liabilities.
- Level 3 includes unobservable inputs which reflect the reporting entity’s estimates of the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk).

Transfers between level categorizations may occur due to changes in the availability of market observable inputs. Transfers in and out of level categorizations are reported as having occurred at the beginning of the year in which the transfer occurred. There were no transfers between level categorizations during the years ended December 31, 2022 and 2021.

The following is a description of the valuation methods used for assets measured at fair value. There have been no changes in methodologies used at December 31, 2021:

- *Registered investment companies:* Registered investment companies are public investment vehicles valued using net asset value (“NAV”) provided by the administrator of the mutual fund. The NAV is an unadjusted quoted price on an active market and classified within Level 1 of the fair value hierarchy.
- *Money market:* The carrying value approximates fair value and is classified within Level 1 of the fair value hierarchy.
- *Common/collective trusts:* The common/collective trusts are public investment vehicles valued using the NAV provided by the fund trustee based on the value of the underlying assets owned by the trust, minus its liabilities, and then divided by the number of shares outstanding. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported NAV. There are no unfunded commitments related to the common collective trusts and units are redeemable at NAV on a daily basis.
- *Affiliated stock:* The fair value is based on the unadjusted closing price reported on the active market on which the security is traded and is classified within Level 1 of the fair value hierarchy.
- *Self-directed brokerage accounts:* The self-directed brokerage accounts are comprised primarily of common stock, government and corporate bonds, registered investment companies and interest-bearing cash. The fair value of common stock, corporate and government bonds and registered investment companies, is based on observable market price for an identical asset in an active market and is classified within Level 1 of the fair value hierarchy. The carrying value of the interest-bearing cash approximates fair value and is classified within Level 1 of the fair value hierarchy.

STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN
Notes to Financial Statements (continued)
December 31, 2022

The following table sets forth the Plan's investments within the fair value hierarchy at December 31, 2021:

At December 31, 2021	Total	(Level 1)	(Level 2)	(Level 3)
Registered investment companies	\$ 319,500,389	\$ 319,500,389	\$ —	\$ —
Money market	8,809,707	8,809,707	—	—
Self-directed brokerage accounts	12,836,295	12,836,295	—	—
Affiliated stock	1,868,392	1,868,392	—	—
<i>Total assets in the fair value hierarchy</i>	343,014,783	343,014,783	—	—
Investments measured at net asset value	131,522,852	—	—	—
<i>Total investments, at fair value</i>	<u>\$ 474,537,635</u>	<u>\$ 343,014,783</u>	<u>\$ —</u>	<u>\$ —</u>

4. Information Prepared and Certified by Trustee

Plan management has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Fidelity Management Trust Company, the trustee as defined by the Plan, has certified to the completeness and accuracy of all investments and notes receivable from participants reflected on the accompanying statements of net assets available for benefits as of December 31, 2022 and 2021 and the related investment activity and interest income on notes receivable from participants reflected in the statements of changes in net assets available for benefits for the years ended December 31, 2022 and 2021.

5. Federal Income Tax Status

The Plan has received a determination letter from the Internal Revenue Service ("IRS") dated January 19, 2016, stating that the Plan, as then designed, was qualified under Section 401(a) of the Code and the related trust was exempt from taxation under Section 501(a) of the Code. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan has been amended since receiving the determination letter. However, the plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan, as amended, is qualified and the related trust is tax exempt.

6. Reconciliation to Form 5500

The following table sets forth a reconciliation of net assets available for benefits per the financial statements to the Form 5500 at December 31:

	2022	2021
Net assets available for benefits per the financial statements	\$ —	\$ 479,201,118
Adjustments for loans deemed distributed without post default payments	—	(128,109)
Adjustments from contract value to fair value for common collective trusts	—	151,363
<i>Net assets available for benefits per the Form 5500</i>	<u>\$ —</u>	<u>\$ 479,224,372</u>

STATE AUTO INSURANCE COMPANIES RETIREMENT SAVINGS PLAN
Notes to Financial Statements (continued)
December 31, 2022

The following table sets forth a reconciliation of the changes in net assets per the financial statements to the Form 5500 for the years ended December 31:

	2022	2021
Change in net assets available for benefits per the financial statements	\$(479,201,118)	\$ 51,609,083
Adjustments for loans deemed distributed without post default payments:		
Current year	—	(128,109)
Prior year	128,109	109,368
Adjustments from fair value to contract value for common collective trusts:		
Current year	—	151,363
Prior year	(151,363)	(644,367)
<i>Change in net assets available for benefits (including transfers) per Form 5500</i>	<u>\$(479,224,372)</u>	<u>\$ 51,097,338</u>

7. Transactions with Parties-In-Interest

The Plan invests in certain investments managed by Fidelity Management Trust Company, trustee of the Plan. Transactions in such investments qualify as party-in-interest transactions, which are exempt from the prohibited transaction rules. Prior to May 1, 2019, participants could also invest in Affiliated stock.

8. CARES Act Plan Amendment

The Plan administrator had adopted the distribution and loan relief provisions included in the CARES Act which permitted qualified individuals to request a pre-approved distribution, through participant self-certification of eligibility, and permitted qualified individuals to defer repayments of an outstanding loan for one year. The maximum dollar amount that could be requested per participant was \$100,000 through December 30, 2020. The Company intends to formally amend the Plan before the end of the applicable remedial amendment period to reflect such provisions.

9. Subsequent Events

The Plan evaluated events subsequent to the date of the financial statements through September 21, 2023, which represented the date the financial statements were available to be issued.

