

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 <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
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>DISCOVER FINANCIAL SERVICES 401K PLAN</u>	<table border="1"> <tr> <td>1b Three-digit plan number (PN) ▶</td> <td><u>003</u></td> </tr> <tr> <td>1c Effective date of plan <u>07/01/2007</u></td> <td></td> </tr> <tr> <td>2b Employer Identification Number (EIN) <u>36-2517428</u></td> <td></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>224-405-0900</u></td> <td></td> </tr> <tr> <td>2d Business code (see instructions) <u>522210</u></td> <td></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>003</u>	1c Effective date of plan <u>07/01/2007</u>		2b Employer Identification Number (EIN) <u>36-2517428</u>		2c Plan Sponsor's telephone number <u>224-405-0900</u>		2d Business code (see instructions) <u>522210</u>	
1b Three-digit plan number (PN) ▶	<u>003</u>										
1c Effective date of plan <u>07/01/2007</u>											
2b Employer Identification Number (EIN) <u>36-2517428</u>											
2c Plan Sponsor's telephone number <u>224-405-0900</u>											
2d Business code (see instructions) <u>522210</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>DISCOVER FINANCIAL SERVICES</u> <u>2500 LAKE COOK ROAD</u> <u>RIVERWOODS, IL 60015</u>											

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	<u>09/19/2023</u>	<u>KAREN PEARSON</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 ☐ Same as Plan Sponsor EMPLOYEE BENEFITS COMMITTEE OF DISCOVER FINANCIAL SERVICES C/O DISCOVER FINANCIAL SERVICES 2500 LAKE COOK ROAD RIVERWOODS, IL 60015		3b Administrator's EIN 36-2517428 3c Administrator's telephone number 224-405-0900
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 23042
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) 16052 6a(2) 19533 6b 0 6c 7537 6d 27070 6e 139 6f 27209 6g 25964 6h 2316
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3F 3H 3J b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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 DISCOVER FINANCIAL SERVICES 401K PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 DISCOVER FINANCIAL SERVICES	D Employer Identification Number (EIN) 36-2517428	

Part I	Service Provider Information (see instructions)
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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
THE BANK OF NEW YORK MELLON
25-6078093

(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)

STATE STREET GLOBAL ADVISORS

STATE STREET FINANCIAL CENTER
ONE LINCOLN STREET
BOSTON, MA 02111-2900

(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?
18 19 50 51 52	NONE	2568483	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

LOOMIS, SAYLES & COMPANY

04-3200030

(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?
28 50 52 68	NONE	36057	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

ALIGHT SOLUTIONS LLC

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 99	NONE	0	Yes ☒ No ☐	Yes ☒ No ☐	25000	Yes ☒ No ☐

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

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

JP MORGAN FUNDS SERVICES

P.O. BOX 8528
BOSTON, MA 02266-8528

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 50	NONE	24846	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

INVESCO STABLE VAL

36-6071399

(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?
26 50	NONE	7203	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

PIMCO

33-0629048

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 50 51 52	NONE	289	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

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

DIMENSIONAL FUNDS ADVISORS LP

30-0447847

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 50 51 52	NONE	260	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

DODGE AND COX

94-1441976

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 68	NONE	235	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

SEI TRUST COMPANY - ROTH SCHLID

1 FREEDOM VALLEY DRIVE
PO BOX 1100
OAKS, PA 19456

(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?
28 50 51 52	NONE	87	Yes ☒ No ☐	Yes ☒ No ☐	0	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
ALIGHT SOLUTIONS LLC	99	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.	
EDELMAN FINANCIAL ENGINES, LLC 47-5324976	20% OF THE ADVICE FEES PAID TO EDELMAN FINANCIAL ENGINES	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ALIGHT SOLUTIONS LLC	99	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.	
EDELMAN FINANCIAL ENGINES, LLC 47-5324976	\$6 PER ELIGIBLE ADVISORY PARTICIPANT PER YEAR, CAPPED AT 30% OF PROFESSIONAL MANAGEMENT FEES COLLECTED BY EDELMAN FINANCIAL ENGINES	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ALIGHT SOLUTIONS LLC	99	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.	
EDELMAN FINANCIAL ENGINES, LLC 47-5324976	\$64 PER PROFESSIONAL MANAGEMENT MEMBER PER YEAR	

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
ALIGHT SOLUTIONS LLC	99	25000

(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.
EDELMAN FINANCIAL ENGINES, LLC 47-5324976	ANNUAL ADVISORY MAINTENANCE FEE, CAPPED AT 30% OF PROFESSIONAL MANAGEMENT FEES COLLECTED BY EDELMAN FINANCIAL ENGINES

(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 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 DISCOVER FINANCIAL SERVICES 401K PLAN	B Three-digit plan number (PN) ►	003
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 DISCOVER FINANCIAL SERVICES		
D Employer Identification Number (EIN) 36-2517428		
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: MELLON EB TEMPORARY INVESTMNT FD II		
b Name of sponsor of entity listed in (a): THE BANK OF NEW YORK MELLON		
c EIN-PN 25-6078093-023	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12564
a Name of MTIA, CCT, PSA, or 103-12 IE: SSG ALL CAP EQUITY EX-US INDEX SEC		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY		
c EIN-PN 90-0337987-456	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 203649971
a Name of MTIA, CCT, PSA, or 103-12 IE: SS S&P 500 INDEX SEC C-II		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY		
c EIN-PN 90-0337987-388	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 456641576
a Name of MTIA, CCT, PSA, or 103-12 IE: JPMCB U.S. ANALYST FUND CF-A CLASS		
b Name of sponsor of entity listed in (a): JP MORGAN CHASE BANK		
c EIN-PN 13-7271225-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 183222936
a Name of MTIA, CCT, PSA, or 103-12 IE: RUSSELL SMALL/MID CAP INDEX SEC CII		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY		
c EIN-PN 90-0337987-167	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 154988683
a Name of MTIA, CCT, PSA, or 103-12 IE: U.S. BOND INDEX SEC- C XIV		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-178	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 148602024
a Name of MTIA, CCT, PSA, or 103-12 IE: TARGET RETIREMENT SEC INCM C-V		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS		
c EIN-PN 90-0337987-490	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 48784082

a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2020 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-009	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 19961071
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2025 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-010	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 53566313
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2030 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-011	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 67319174
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2035 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-012	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 110115796
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2040 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-013	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 75337440
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2045 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-014	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 85038742
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2050 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-015	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 75381860
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2055 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-016	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 81373760
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2060 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-018	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 38385356
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a Name of MTIA, CCT, PSA, or 103-12 IE: [TARGET RETIREMENT 2065 SEC C-V](#)

b Name of sponsor of entity listed in (a): [STATE STREET GLOBAL ADVISORS TRUST COMPANY](#)

c EIN-PN 35-6785642-019	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4656668
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a Name of MTIA, CCT, PSA, or 103-12 IE: LOOMIS SAYLES CORE PLUS FIXD INCM C

b Name of sponsor of entity listed in (a): LOOMIS, SAYLES TRUST CO, LLC

c EIN-PN 84-6391546-010	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 49825425
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a Name of MTIA, CCT, PSA, or 103-12 IE: ROTHCHILD US SM/MD CAP CORE CIT FD

b Name of sponsor of entity listed in (a): SEI TRUST COMPANY

c EIN-PN 46-1030163-007	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 45932645
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a Name of MTIA, CCT, PSA, or 103-12 IE: INVESCO STABLE VALUE TRUST, CLSS B1

b Name of sponsor of entity listed in (a): INVESCO TRUST COMPANY

c EIN-PN 36-6071399-377	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 138530338
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a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

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

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

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

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

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

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

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

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

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

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

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

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

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

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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 2022 This Form is Open to Public Inspection
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>DISCOVER FINANCIAL SERVICES 401K PLAN</u>		B Three-digit plan number (PN) <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>DISCOVER FINANCIAL SERVICES</u>		D Employer Identification Number (EIN) <u>36-2517428</u>

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	4	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	43363945	49742873
(2) Participant contributions.....	1b(2)	2863795	3294110
(3) Other.....	1b(3)	148016	750955
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)	32794586	33055753
(9) Value of interest in common/collective trusts.....	1c(9)	2361246874	2041326424
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	116133105	108553207
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(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	2556550325	2236723322

Liabilities

g Benefit claims payable	1g	3325318	2280071
h Operating payables	1h	563226	507617
i Acquisition indebtedness	1i		
j Other liabilities	1j	5025591	5700393
k Total liabilities (add all amounts in lines 1g through 1j)	1k	8914135	8488081

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	2547636190	2228235241
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Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	107201155	
(B) Participants	2a(1)(B)	110163931	
(C) Others (including rollovers)	2a(1)(C)	11239944	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		228605030
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)	1501348	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1501348
(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)	6018679	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		6018679
(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)		0
(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)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-401568195
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-10006468
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-175449606
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	141929996	
(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)		141929996
f Corrective distributions (see instructions)	2f		5839
g Certain deemed distributions of participant loans (see instructions)	2g		-58725
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	2074233	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		2074233
j Total expenses. Add all expense amounts in column (b) and enter total	2j		143951343
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-319400949
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: CROWE LLP

(2) EIN: 35-0921680

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?	X		50000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
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			

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 _____.

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 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 DISCOVER FINANCIAL SERVICES 401K PLAN		B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 DISCOVER FINANCIAL SERVICES		D Employer Identification Number (EIN) 36-2517428
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): 25-1926855		
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		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

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
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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 _____

Discover Financial Services 401(k) Plan

Employer ID No: 36-2517428

Plan Number: 003

Financial Statements as of December 31, 2022 and 2021,
for the Year Ended December 31, 2022 and
Supplemental Schedule as of December 31, 2022, and
Independent Auditor's Report

DISCOVER FINANCIAL SERVICES 401(k) PLAN

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NOTE: All other schedules required by Section 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.

INDEPENDENT AUDITOR'S REPORT

To the Employee Benefits Committee
Discover Financial Services 401(k) Plan
Riverwoods, Illinois

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

We have performed audits of the financial statements of Discover Financial Services 401(k) Plan (the 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 statement of changes in net assets available for benefits for the year ended December 31, 2022, 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 Plan's 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 audits 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 December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 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 Auditor's 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 Auditor's 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 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 Plan's ability to continue as a going concern for one year from 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.

Auditor's 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 auditor's 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 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.

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.

Other Matter – Supplemental Schedules Required by ERISA

The supplemental schedule of Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2022, 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 included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits 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 GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, 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 form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedule 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).

Crowe LLP

Crowe LLP

Oak Brook, Illinois
September 19, 2023

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Statements of Net Assets Available for Benefits

As of December 31, 2022 and 2021

	December 31,	
	2022	2021
ASSETS		
Non-interest bearing cash	\$ —	\$ 4
Participant-directed investments, at fair value	2,149,879,631	2,477,379,979
Receivables:		
Notes receivable from participants	33,055,753	32,794,586
Employer contributions	49,742,873	43,363,945
Participant contributions	3,294,110	2,863,795
Receivables for securities sold	440,345	—
Accrued investment income	310,610	148,016
Total receivables	86,843,691	79,170,342
Total assets	2,236,723,322	2,556,550,325
LIABILITIES		
Payables for securities purchased	5,700,393	5,025,591
Other accrued liabilities	507,617	563,226
Total liabilities	6,208,010	5,588,817
NET ASSETS AVAILABLE FOR BENEFITS	\$ 2,230,515,312	\$ 2,550,961,508

See notes to financial statements

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Statement of Changes in Net Assets Available for Benefits

For the Year Ended December 31, 2022

	2022
ADDITIONS:	
Contributions:	
Participant contributions	\$ 110,163,931
Rollover contributions	11,239,944
Employer contributions	107,201,155
Total contributions	<u>228,605,030</u>
Investment income (loss):	
Net depreciation in fair value of investments	(411,605,364)
Dividends and interest income	6,049,380
Net investment (loss)	<u>(405,555,984)</u>
Interest income on notes receivable from participants	1,501,348
Total additions	<u>(175,449,606)</u>
DEDUCTIONS:	
Benefits paid to participants	142,922,357
Administrative expenses	2,074,233
Total deductions	<u>144,996,590</u>
DECREASE IN NET ASSETS	(320,446,196)
NET ASSETS AVAILABLE FOR BENEFITS:	
Beginning of year	<u>2,550,961,508</u>
End of year	<u><u>\$ 2,230,515,312</u></u>

See notes to financial statements

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Notes to the Financial Statements

At December 31, 2022 and 2021 and for the year ended December 31, 2022

1. DESCRIPTION OF THE PLAN

The following description of the Discover Financial Services 401(k) Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the Plan document for more complete information. Terms used in this description have the same meaning as in the Plan document.

General

The Plan was adopted by Discover Financial Services (the “Company”) effective July 1, 2007 for its eligible employees and the eligible employees of its participating affiliated employers. The Plan is a profit-sharing plan for purposes of section 401(a)(27) of the Internal Revenue Code of 1986 (the “Code”). The Plan is also an eligible individual account plan within the meaning of Section 407(d)(3) of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”).

All of the Plan's investments are held in a trust account at The Bank of New York Mellon (the “Custodian”). The general administration of the Plan is placed in the “Plan Administrator” defined under the Plan as the Employee Benefits Committee.

Eligibility

Full-time and part-time employees of the Company, and of participating employers electing to participate in the Plan, are eligible to participate in the Plan upon hire. The Plan provides for automatic enrollment and automatic escalation with a 3% pre-tax contributions rate for participants who do not elect to opt out of participation.

Participant Contributions

Participants may contribute up to 75% of annual compensation as defined in the Plan and subject to certain limitations. Prior to January 1, 2021 non-highly compensated employees were able to make After-Tax contributions to the Plan for any year equal to any whole percentage from 1% to 10% of the participant's earnings as defined in the Plan and subject to certain limitations. After-Tax Contributions are no longer allowed to be made to the 401 (k) Plan, but participants who made eligible After-Tax Contributions may elect to keep them in the plan. As of January 1, 2021, participants who are eligible to make Pre-Tax Contributions under the Plan may also elect to make Roth Contributions. Participants may also contribute amounts representing pre-tax and/or Roth distributions from other qualified defined benefit or defined contribution plans. Participants age 50 and over can make Pre-Tax and/or Roth Catch-Up Contributions subject to limitations. Different limits apply in the case of Puerto Rico residents and participants returning from a qualified military service leave.

Employer Contributions

The Company contributes a fixed 3% of eligible pay and matches 100% on the first 5% of eligible pay (as defined in the Plan) employees contribute on a Pre-Tax and /or Roth basis, subject to certain limitations. All participating employees who have made Pre-Tax and/or Roth Contributions are eligible for an adjustment match at year end. The adjustment match is equal to the difference between the maximum company match the participant is eligible to receive and the matching contributions credited to the participant's account during the plan year, whether or not a plan limit was reached during the year.

The Company matching contributions are made as soon as is administratively practicable following the end of the payroll period, generally bi-weekly, based on employee Pre-Tax and/or Roth Contributions. The Company fixed contributions are made annually based on eligible pay.

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Notes to the Financial Statements

At December 31, 2022 and 2021 and for the year ended December 31, 2022

Participant Accounts

Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contributions, allocations of the Company's contribution and Plan earnings, and charged with the participant's withdrawals, an allocation of Plan losses and administrative expenses not otherwise paid by the Company. Allocations are based on the participant's balance or earnings, other than participant-directed transactions that may have individual fees. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Retirement, Death and Disability

A participant, or beneficiary, is entitled to 100% of his or her account balance upon retirement, death, disability or certain reductions in force as provided in the Plan.

Vesting

Participants are immediately vested in their contributions plus actual earnings thereon. Vesting in the remainder of their accounts, plus earnings thereon, is based on years of service. A participant is 100% vested after two years of service, as defined in the Plan.

Forfeitures

Any nonvested matching contributions or Company fixed contributions credited to a participant's account shall be forfeited as of the end of the month in which the participant terminates employment. These forfeitures may be used to offset future employer contributions to the Plan or to pay Plan expenses. During the year ended December 31, 2022, employer contributions were reduced by \$2,869,148 from forfeited nonvested accounts.

Investments

The Retirement Plan Investment Committee of the Company is responsible for the selection and monitoring of the Plan's investment options. As of December 31, 2022 and 2021, the investment options of the Plan include collective trusts and mutual funds. Plan participants direct the investment of their account balances into the various investment options offered by the Plan.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants would become 100% vested in their employer contributions and earnings thereon.

Loans to Participants

Generally, participants may borrow from their Plan accounts up to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account. Loans shall bear a reasonable rate of interest as determined by the Plan Administrator. With the exception of certain transferred loans, a participant may only have one outstanding loan in his or her Plan account at any time. Interest income is recognized over the life of the loan.

Payment of Benefits

Participants may elect to receive all or a portion of their vested Plan account balance following termination of employment.

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Notes to the Financial Statements

At December 31, 2022 and 2021 and for the year ended December 31, 2022

Included in net assets available for benefits are amounts allocated to individuals who have elected to withdraw from the Plan, but who have not yet been paid. Plan assets allocated to these participants and elected to be withdrawn were \$2,260,581 and \$3,311,667 at December 31, 2022 and 2021, respectively.

Non-hardship Withdrawals

While a participant is employed by the Company, they may withdraw any or all vested portions of their Plan account upon attaining age 59 ¹/₂. Participants may also withdraw their after-tax contributions contributed prior to January 1, 2021 at any time.

Hardship Withdrawals

Participants may withdraw any or all vested portions of their Plan account, other than any portions related to Company fixed contributions, Company match contributions, transition credits, or Company qualified non-elective contributions, in the event of a hardship, as defined in the Plan.

Payments of benefits from the Plan are generally made in cash.

Administrative Expenses

Administrative expenses of the Plan are paid by either the Plan or the Company as provided in the Plan document.

Plan Amendments

The Plan was amended and restated effective January 1, 2021 for legislative changes including those related to Coronavirus Aid, Relief, and Economic Security Act (the "CARES Act"), the Setting Every Community Up for Retirement Enhancement Act of 2019 (the "SECURE Act"), to discontinue after-tax contributions, add Roth contribution options and to add a hardship withdrawal for certain expenses and losses on account of a disaster declared by FEMA.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

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

Use of Estimates

The preparation of financial statements in conformity with GAAP requires Plan management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from the estimates and assumptions used.

Risks and Uncertainties

The Plan utilizes various investment options. Investments, in general, are exposed to various risks, such as interest rate risk, credit risk, risks related to global events, and overall market volatility. Due to the level of risk associated with certain investments, it is reasonably possible that changes in values of investments will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the financial statements.

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Notes to the Financial Statements

At December 31, 2022 and 2021 and for the year ended December 31, 2022

Investment Valuation

The Plan's investments are stated at fair value. Fair value of a financial instrument is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The following provides a description of methodologies used in valuing the Plan's assets at fair value:

Mutual Funds

These investments are public investment vehicles valued using the Net Asset Value ("NAV") provided by the administrator of the fund. The NAV is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. The NAV is a quoted price in an active market.

Collective Trusts

These investments are not traded on an active market, but instead are valued using the NAV provided by the administrator of the fund as a practical expedient to estimate fair value. The unit price is based on underlying investments which are traded on an active market except for the Target Date funds for the Plan in which the unit price is based on the fair value of the underlying Collective Investment Funds. Each collective trust provides for daily redemptions by the Plan at reported net asset values per share, with no advance notice requirements for participants. There were no unfunded commitments as of December 31, 2022 and 2021.

Stable Value Collective Trust Fund

The stable value fund is composed primarily of fully benefit-responsive investment contracts and is valued at the net asset value of units of the collective trust. The net asset value 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 net asset value. Participant transactions (purchases and sales) may occur daily. If the Plan initiates a full redemption of the collective trust, the issuer requires 12 months' irrevocable written notice of intent to redeem all or a portion of its participation in the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

Investment Income

Realized and unrealized appreciation (depreciation) in the fair value of investments is based on the difference between the average cost of the assets at the beginning of the year, or at time of purchase of assets purchased during the year, and the related average cost on the day investments are sold with respect to realized appreciation (depreciation), or on the last day of the year for unrealized appreciation (depreciation).

Purchases and sales of investments are recorded on a trade-date basis. The Plan records dividends on the ex-dividend date, while interest income is recorded when earned.

Management fees and operating expenses charged to the Plan for investments in the mutual funds and collective trusts are deducted from income earned on a daily basis and are not separately reflected. Consequently, management fees and operating expenses are reflected as a reduction of investment return for such investments.

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Notes to the Financial Statements

At December 31, 2022 and 2021 and for the year ended December 31, 2022

Receivables

Contributions receivable

The carrying amounts of the contributions receivable approximate fair value due to their short-term maturities.

Receivables for securities sold

Represent pending sales of investments that have not yet settled.

Accrued investment income

Represents dividend and interest income that have been earned but have not yet been received.

Notes receivable from participants

Represent outstanding principal and interest balance on loans receivable from participants and are recorded when participants take out a loan. No allowance for credit losses has been recorded as of December 31, 2022 and 2021. The notes are secured by the participants' account balances.

Payables for securities purchased

Represent pending purchases of investments that have not yet settled.

Benefits paid to participants

Benefits are recorded upon distribution.

Subsequent events

Plan management has evaluated subsequent events for recognition and disclosure through September 19, 2023, which is the date the financial statements were available to be issued.

3. CERTIFIED INVESTMENTS AND NOTES RECEIVABLE FROM PARTICIPANTS

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments and notes receivable from participants held at December 31, 2022 and 2021, and net appreciation (depreciation) in fair value of investments, interest and dividends, and interest income on notes receivable from participants for the year ended December 31, 2022, was obtained by management and agreed to or derived from information certified as complete and accurate by The Bank of New York Mellon.

4. FAIR VALUE DISCLOSURES

The following provides a description of the three levels of inputs that may be used to measure fair value under ASC 820:

Level 1 - Inputs utilize quoted prices (unadjusted) available in active markets for identical assets or liabilities;

Level 2 - Inputs utilize other than quoted prices that are observable for the asset or liability, either directly or indirectly, and include quoted prices for similar assets and liabilities in an active or inactive market, quoted prices for the identical assets in an inactive market, and inputs other than quoted prices that are observable at commonly quoted intervals, such as interest rates;

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Notes to the Financial Statements

At December 31, 2022 and 2021 and for the year ended December 31, 2022

Level 3 - Inputs utilize unobservable inputs, and include situations where there is little, if any, market activity for the asset or liability.

In instances in which the inputs used to measure fair value may fall into different levels of the fair value hierarchy, the level in the fair value hierarchy within which the fair value measurement in its entirety has been determined is based on the lowest level input that is significant to the fair value measurement in its entirety. The Plan's assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the asset or liability.

Assets Measured at Fair Value on a Recurring Basis

There were no Level 2 and Level 3 assets or liabilities measured at fair value on a recurring basis at December 31, 2022 or 2021 or at any point during the year ended December 31, 2022.

The following table presents information about the Plan's assets measured at fair value on a recurring basis at December 31, 2022 and 2021 and indicates the level within the fair value hierarchy with which each of those items is associated:

	Quoted Prices In Active Markets for Identical Assets (Level 1)	Total
Balance at December 31, 2022		
Investments		
Mutual funds	\$ 108,553,207	\$ 108,553,207
Collective trusts measured at net asset value ⁽¹⁾	—	2,041,326,424
Total investments at fair value	<u>\$ 108,553,207</u>	<u>\$ 2,149,879,631</u>

	Quoted Prices In Active Markets for Identical Assets (Level 1)	Total
Balance at December 31, 2021		
Investments		
Mutual funds	\$ 116,133,105	\$ 116,133,105
Collective trusts measured at net asset value ⁽¹⁾	—	2,361,246,874
Total investments at fair value	<u>\$ 116,133,105</u>	<u>\$ 2,477,379,979</u>

(1) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) as practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statement of net assets available for benefits.

5. PARTY-IN-INTEREST TRANSACTIONS

Parties-in-interest are defined under Department of Labor regulations as any fiduciary of the Plan, any party rendering service to the Plan, the employer, and certain others. The Plan held units of a collective trust

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Notes to the Financial Statements

At December 31, 2022 and 2021 and for the year ended December 31, 2022

managed by the Custodian at December 31, 2022 and 2021 and for the year ended December 31, 2022. Purchases and sales of the collective trust units managed by the Custodian qualified as party-in-interest transactions. Notes receivable from participants are also considered party-in-interest transactions.

Certain administrative functions are performed by officers or employees of the Company. No such officer or employee receives compensation from the Plan. Some administrative expenses of the Plan are paid directly by the Company.

6. FEDERAL INCOME TAX STATUS

On August 15, 2014, the Plan Sponsor received a favorable determination letter from the Internal Revenue Service ("IRS") that the Plan satisfies the requirements of the applicable sections of the Internal Revenue Code. No provision for income taxes has been recorded in the accompanying financial statements. Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the plan and recognize a tax liability if the plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by the IRS. The Plan administrator believes it is no longer subject to income tax examinations for years prior to 2019.

The Plan has been amended and restated since receiving the determination letter, however Plan management believes that the Plan is currently designed and being operated in material compliance with the applicable requirements of the Internal Revenue Code.

7. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500:

	December 31,	
	2022	2021
Net assets available for benefits per the financial statements	\$ 2,230,515,312	\$ 2,550,961,508
Corrective distributions	(19,490)	(13,651)
Distributions and withdrawals payable	(2,260,581)	(3,311,667)
Net assets available for benefits per Form 5500	<u>\$ 2,228,235,241</u>	<u>\$ 2,547,636,190</u>

The following is a reconciliation of the decrease in net assets per the financial statements to the form 5500:

	2022
Change in net assets per the financial statements	\$ (320,446,196)
Change in corrective distributions	(5,839)
Change in distributions and withdrawals payable	1,051,086
Net decrease per Form 5500	<u>\$ (319,400,949)</u>

SUPPLEMENTAL SCHEDULE

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
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Part I Annual Report Identification Information	
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	▶ ☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description) _____
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 DISCOVER FINANCIAL SERVICES 401K PLAN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;">003</td> </tr> <tr> <td colspan="2">1c Effective date of plan 07/01/2007</td> </tr> </table>	1b Three-digit plan number (PN) ▶	003	1c Effective date of plan 07/01/2007	
1b Three-digit plan number (PN) ▶	003				
1c Effective date of plan 07/01/2007					
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) DISCOVER FINANCIAL SERVICES 2500 LAKE COOK ROAD RIVERWOODS IL 60015	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) 36-2517428</td> </tr> <tr> <td>2c Plan Sponsor's telephone number 224-405-0900</td> </tr> <tr> <td>2d Business code (see instructions) 522210</td> </tr> </table>	2b Employer Identification Number (EIN) 36-2517428	2c Plan Sponsor's telephone number 224-405-0900	2d Business code (see instructions) 522210	
2b Employer Identification Number (EIN) 36-2517428					
2c Plan Sponsor's telephone number 224-405-0900					
2d Business code (see instructions) 522210					

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		9/19/23	KAREN PEARSON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		Date	Enter name of individual signing as employer or plan sponsor
	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 ☐ Same as Plan Sponsor EMPLOYEE BENEFITS COMMITTEE OF DISCOVER FINANCIAL SERVICES C/O DISCOVER FINANCIAL SERVICES 2500 LAKE COOK ROAD RIVERWOODS IL 60015		3b Administrator's EIN 36-2517428 3c Administrator's telephone number 224-405-0900
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 23,042
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		6a(1) 16,052
a(2) Total number of active participants at the end of the plan year		6a(2) 19,533
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits		6c 7,537
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 27,070
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 139
f Total. Add lines 6d and 6e		6f 27,209
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g 25,964
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h 2,316
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3F 3H 3J		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information - Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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 _____

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Employer Identification Number 36-2517428; Plan Number 003
Form 5500, Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment, including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost**	(e) Current value
		Mutual Funds		
	Dodge & Cox	Dodge & Cox International Stock Fund	\$	62,983,469
	Dimensional Fund Advisors	DFA Emerging Market Core Equity Fund		21,343,050
	Pacific Investment Management Company LLC	PIMCO Foreign Bond (U.S. Dollar-Hedged)		11,380,123
	Pacific Investment Management Company LLC	PIMCO Inflation Response Multi-Asset Fund		12,846,565
		Collective Trusts		
	State Street Global Advisors	State Street S&P 500 Index Securities Lending Series Fund - Class II		456,641,576
	JP Morgan Chase Bank	JPMCB U.S. Analyst Fund CF-A Class		183,222,936
	State Street Global Advisors	State Street Global All Cap Equity Ex-U.S. Index Securities Lending Series Fund - Class II		203,649,971
	State Street Global Advisors	State Street Russell Small/Mid Cap Index Securities Lending Series Fund - Class II		154,988,683
	State Street Global Advisors	State Street U.S. Bond Index Securities Lending Series Fund - Class XIV		148,602,024
	State Street Global Advisors	State Street Target Retirement Income Securities Lending Series Fund - Class V		48,784,082
	State Street Global Advisors	State Street Target Retirement 2020 Securities Lending Series Fund - Class V		19,961,071
	State Street Global Advisors	State Street Target Retirement 2025 Securities Lending Series Fund - Class V		53,566,313
	State Street Global Advisors	State Street Target Retirement 2030 Securities Lending Series Fund - Class V		67,319,174
	State Street Global Advisors	State Street Target Retirement 2035 Securities Lending Series Fund - Class V		110,115,796
	State Street Global Advisors	State Street Target Retirement 2040 Securities Lending Series Fund - Class V		75,337,440
	State Street Global Advisors	State Street Target Retirement 2045 Securities Lending Series Fund - Class V		85,038,742
	State Street Global Advisors	State Street Target Retirement 2050 Securities Lending Series Fund - Class V		75,381,860
	State Street Global Advisors	State Street Target Retirement 2055 Securities Lending Series Fund - Class V		81,373,760
	State Street Global Advisors	State Street Target Retirement 2060 Securities Lending Series Fund - Class V		38,385,356
	State Street Global Advisors	State Street Target Retirement 2065 Securities Lending Series Fund - Class V		4,656,668
	Invesco Trust Company	Invesco Stable Value Trust, Class B1		138,530,338
	Loomis, Sayles & Company	Loomis Sayles Core Plus Fixed Income Fund, Class C		49,825,425
	Rothchild Collective Investment Trust	Rothschild U.S. Small/Mid Cap Core CIT Fund, Class 2		45,932,645
*	The Bank of New York Mellon	Mellon EB Temporary Investment Fund II		12,564

DISCOVER FINANCIAL SERVICES 401(k) PLAN

Employer Identification Number 36-2517428; Plan Number 003
Form 5500, Schedule H, Line 4i - Schedule of Assets (Held at End of Year)
December 31, 2022

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment, including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost**	(e) Current value
Participant Loans				
*	Participant loans	Maturing 2023 - 2037 at interest rates between 4.25% and 8.00%		33,055,753
	Total investments and participant loans held at end of year			<u>\$2,182,935,384</u>

* Party-in-interest.

** Cost information is not required for participant-directed investments and therefore is not included.
See accompanying independent auditor's report.