

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 01/01/2022 and ending 12/31/2022	
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 UMB PROFIT SHARING AND 401(K) SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/01/1961
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) UMB FINANCIAL CORPORATION 928 GRAND BOULEVARD KANSAS CITY, MO 64106
2b	Employer Identification Number (EIN) 43-0903811
2c	Plan Sponsor's telephone number 816-860-7000
2d	Business code (see instructions) 522110

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/12/2023	ROBERT BEAIRD
	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		3b Administrator's EIN	
3c Administrator's telephone number			
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	4526
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).			
6a(1) Total number of active participants at the beginning of the plan year		6a(1)	3411
6a(2) Total number of active participants at the end of the plan year		6a(2)	3646
b Retired or separated participants receiving benefits		6b	58
c Other retired or separated participants entitled to future benefits.....		6c	1112
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	4816
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	1
f Total. Add lines 6d and 6e		6f	4817
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g	4747
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h	1
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 3D 3H			
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 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 UMB PROFIT SHARING AND 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 UMB FINANCIAL CORPORATION	D Employer Identification Number (EIN) 43-0903811	

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
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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)

ONEAMERICA RETIREMENT SERVICES LLC

46-5378846

(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 36 37 38 50 64	NONE	106766	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

MATRIX TRUST COMPANY N.A.

75-3182674

(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?
19 21 25 62	NONE	0	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MATRIX TRUST COMPANY N.A.	19 21 25 62	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.
ONEAMERICA RETIREMENT SERVICES, LLC 46-5378846	SEE ATTACHED

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) 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.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan UMB PROFIT SHARING AND 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 UMB FINANCIAL CORPORATION	D Employer Identification Number (EIN) 43-0903811	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE:	UMB MASTER TRUST
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b Name of sponsor of entity listed in (a):	UMB FINANCIAL CORPORATION
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c EIN-PN	43-0903811-200	d Entity code	M	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	499399367
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a Name of MTIA, CCT, PSA, or 103-12 IE:	
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b Name of sponsor of entity listed in (a):	
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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:	
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b Name of sponsor of entity listed in (a):	
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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:	
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b Name of sponsor of entity listed in (a):	
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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:	
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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:	
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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:	
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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
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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
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(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>UMB PROFIT SHARING AND 401(K) SAVINGS PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>UMB FINANCIAL CORPORATION</u>		D Employer Identification Number (EIN) <u>43-0903811</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	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	1960197	1753328
(2) Participant contributions.....	1b(2)	0	0
(3) Other.....	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	0	0
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common.....	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants).....	1c(7)	0	0
(8) Participant loans.....	1c(8)	7503892	6011113
(9) Value of interest in common/collective trusts.....	1c(9)	0	0
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts.....	1c(11)	609412540	499399367
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	0	0
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	0	0
(15) Other	1c(15)	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	618876629	507163808

Liabilities

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

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	618876629	507163808
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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)	14563250	
(B) Participants	2a(1)(B)	32026368	
(C) Others (including rollovers)	2a(1)(C)	8148068	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		54737686
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	250000	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		250000
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	0	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(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)	0	
(B) Other	2b(5)(B)	0	
(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)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-120177163
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		0
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		-65189477
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	46449198	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		46449198
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	111568	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		111568
j Total expenses. Add all expense amounts in column (b) and enter total	2j		46560766
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-111750243
l Transfers of assets:			
(1) To this plan	2l(1)		37422
(2) From this plan	2l(2)		0

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: RUBINBROWN LLP

(2) EIN: 43-0765316

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		7199000
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?		X	
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?		X	
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.)		X	
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?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	X		
4m	X		
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	X		
4n	X		

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

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

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

5c 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 UMB PROFIT SHARING AND 401(K) SAVINGS PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 UMB FINANCIAL CORPORATION		D Employer Identification Number (EIN) 43-0903811
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): 04-6568107 75-3182674		
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 _____

***UMB PROFIT SHARING AND
401(k) SAVINGS PLAN
FINANCIAL STATEMENTS
DECEMBER 31, 2022***

UMB PROFIT SHARING AND 401(k) SAVINGS PLAN FINANCIAL STATEMENTS

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Independent Auditors' Report

Audit Committee of UMB Financial Corporation
UMB Profit Sharing and 401(k) Savings Plan
Kansas City, Missouri

Opinion

We have audited the financial statements of UMB Profit Sharing and 401(k) Savings Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statement 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 years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of UMB Profit Sharing and 401(k) Savings Plan as of December 31, 2022 and 2021, and the changes in its net assets available for benefits for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

Basis For Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditors' Responsibilities For The Audit Of the Financial Statements section of our report. We are required to be independent of UMB Profit Sharing and 401(k) Savings Plan and to meet our 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 audit opinion.

Responsibilities Of Management For The Financial Statements

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

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 UMB Profit Sharing and 401(k) Savings Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

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

Auditors' Responsibilities For The Audit Of The Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with auditing standards generally accepted in the United States of America 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 auditing standards generally accepted in the United States of America, 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 UMB Profit Sharing and 401(k) Savings Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about UMB Profit Sharing and 401(k) Savings Plan's ability to continue as a going concern for a reasonable period of time.

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

Supplemental Schedule Required By ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental 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 has been subjected to the 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 auditing standards generally accepted in the United States of America.

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

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

RubinBrown LLP

June 28, 2023

UMB PROFIT SHARING AND 401(k) SAVINGS PLAN
STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS

	December 31,	
	2022	2021
Assets:		
Investments, at fair value:		
Share of net assets of UMB Retirement Master Trust	\$ 499,399,367	\$ 609,412,540
Receivables:		
Employer contributions	1,753,328	1,960,197
Notes receivable from participants	6,011,113	7,503,892
Total receivables	<u>7,764,441</u>	<u>9,464,089</u>
Net assets available for benefits	<u>\$ 507,163,808</u>	<u>\$ 618,876,629</u>

See accompanying Notes to Financial Statements.

UMB PROFIT SHARING AND 401(k) SAVINGS PLAN
STATEMENT OF CHANGES IN NET ASSETS
AVAILABLE FOR BENEFITS

	Year Ended December 31,	
	2022	2021
Additions to net assets attributed to:		
Contributions		
Employer contributions	\$ 14,563,250	\$ 12,506,617
Employee contributions	32,026,368	28,010,119
Rollover contributions	8,148,068	3,787,606
Total contributions	<u>54,737,686</u>	<u>44,304,342</u>
Deductions from net assets attributed to:		
Benefits paid directly to participants	46,449,198	61,570,254
Administrative expenses	111,568	109,889
Total deductions	<u>46,560,766</u>	<u>61,680,143</u>
Investment (loss) income:		
Plan interest in UMB Retirement Master Trust investment (loss) income	(120,177,163)	86,910,011
Interest income on notes receivable from participants	<u>250,000</u>	<u>327,010</u>
(Decrease) increase in net assets available for benefits before transfers	(111,750,243)	69,861,220
Transfers from The ESOP of UMB	<u>37,422</u>	<u>1,700,690</u>
(Decrease) increase in net assets available for benefits	(111,712,821)	71,561,910
Net assets available for benefits - beginning of year	618,876,629	547,314,719
Net assets available for benefits - end of year	<u><u>\$ 507,163,808</u></u>	<u><u>\$ 618,876,629</u></u>

See accompanying Notes to Financial Statements.

UMB PROFIT SHARING AND 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

1. Description of the Plan

The following description of the UMB Profit Sharing and 401(k) Savings Plan (the Plan) provides only general information. Participants should refer to the Plan Agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution profit sharing plan covering substantially all employees of UMB Financial Corporation and affiliates (collectively, the Company or UMB) and provides for retirement, disability and death benefits. It is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended. During 2022, the Trustee was changed from Matrix Trust Company to Fidelity Management Trust Company. During 2021, the Trustee was changed from BMO Harris Bank NA to Matrix Trust Company.

Eligibility and Participation

Employees are eligible to make elective deferral contributions and receive the Company matching contribution upon the first of the month following one month of employment. The Plan provides that employees with one year of service and 1,000 hours of service each year become eligible to participate in the profit sharing portion of the Plan. Employees are eligible to receive the Company profit sharing contribution on the earlier of the first day of the Plan year or the first day of the seventh month of the Plan year after satisfying eligibility requirements. With limited exceptions, participants must be actively employed on the last day of the Plan year to share in any Company profit sharing contributions.

Contributions

Contributions are subject to certain Internal Revenue Code (IRC) limitations.

Employee Contributions:

Each year, participants may contribute up to a percentage of their annual compensation as defined in the Plan Agreement. In addition, all employees who are eligible to make elective deferral contributions under the Plan and have attained age 50 shall be eligible to make catch-up contributions in accordance with the Plan Agreement. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

All employees of UMB hired on or after January 1, 2008 who are otherwise eligible for the Plan, are subject to an "automatic election," under which the Company will withhold 3 percent of compensation from the new employee's paycheck each payroll period. That amount is contributed to the Plan as an elective deferral contribution, unless these employees complete a salary deferral agreement electing a different percentage. The automatic election is withheld from the paycheck following the employee's completion of eligibility for the Plan, which is the first of the month following completion of one month of employment. The automatic salary deferral will be invested in the Vanguard Balanced Index Fund unless otherwise directed by the employee. The employee may modify the automatic election at any time to elect an alternative deferral amount or elect not to defer into the Plan. Beginning April 1, 2022, the Plan implemented an automatic escalation feature which increases an employee's contribution rate by 1 percent annually until the employee's contributions reach a maximum of 9 percent.

Employer Matching Contributions:

The Company will determine each year the amount, if any, that will be contributed to the Plan. The Company allows for matching contributions determined annually by the Chairman of the Board of Directors of the Company at his discretion. The matching contribution is based on the participant's eligible compensation for each payroll period and is funded during the year. The Company may make an additional discretionary matching contribution equal to the true-up contribution that would be required as if the matching contribution was based on the participant's eligible annual compensation. After satisfying eligibility requirements, the Company matched 50 percent of the first 9 percent and 8 percent of a participant's contributions for Plan years 2022 and 2021, respectively. For the 2022 Plan year, the Company contributed \$13,563,250, of which \$753,328 was included in employer contributions receivable at December 31, 2022. For the 2021 Plan year, the Company contributed \$11,256,617, of which \$710,197 was included in employer contributions receivable at December 31, 2021.

Employer Profit Sharing Contributions:

The Plan allows for profit sharing contributions by the Company to be determined annually by the Chairman of the Board of Directors of the Company at his discretion. The Company made total profit sharing contributions of \$2,000,000 and \$2,500,000 related to the 2022 and 2021 Plan years, respectively. Employer profit sharing contributions, as determined above, are divided between the Plan and The ESOP of UMB (the ESOP), at the discretion of the Board of Directors of the Company. Profit sharing contributions to the Plan amounted to \$1,000,000 and \$1,250,000 for Plan years 2022 and 2021, respectively. As of December 31, 2022 and 2021, \$1,000,000 and \$1,250,000 was included in employer contributions receivable, respectively.

Participant Accounts

A separate account is maintained for each participant in the Plan. Each participant's account is credited with the participant's contributions and allocations of (1) the Company's contributions, (2) forfeitures of terminated participants' nonvested accounts, and (3) Plan earnings, and charged with an allocation of Plan losses and administrative expenses. Allocations are based on participant earnings, participant elective deferrals or account balances, as defined and subject to certain limits. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Qualified participants are able to transfer a portion of their account balances from the ESOP to the Plan.

Notes Receivable from Participants

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance. The loans are secured by the balance in the participant's account. Additionally, all loans are made for a period not to exceed five years unless proceeds of such loan are exclusively used for the acquisition of a dwelling unit to be used as the principal residence of the participant. Interest rates for all loans are prime rate plus 2 percent. Principal and interest is paid ratably through payroll deductions. The loans bear interest ranging from 2.25 percent to 9.00 percent, with maturity dates through June 2041.

Vesting and Forfeitures

Participants are vested immediately in their contributions and the Company matching contribution plus actual earnings thereon. For profit sharing contributions participants are 50 percent vested after two years of service and 100 percent vested after three years of service.

The Company, at its discretion, determines how forfeited nonvested accounts will be used in accordance with the Plan. At December 31, 2022 and 2021, available forfeited nonvested accounts totaled \$3,318 and \$941, respectively. The Company allocated \$26,518 and \$16,520 of forfeited balances during 2022 and 2021, respectively, to remaining participant accounts.

Benefits

A participant's account balance, to the extent it is vested, will be paid upon request to participants who have become disabled, retired or otherwise left the Company. Employees are not allowed to withdraw any portion of the Employer contributions prior to age 59½; however, subject to the Plan's restrictions, participants may withdraw all or a portion of their account balances from certain sources while remaining employed.

Terminated participants with a vested account balance not exceeding \$5,000, excluding amounts attributable to any rollovers, will receive a lump sum distribution. If the deferred vested account balance is less than \$1,000, the balance will be distributed to the participant in cash. If the deferred vested account balance is between \$1,000 and \$5,000, the participant's balance will be rolled over to an IRA account with Fidelity Investments, if the participant does not make a distribution election.

Participant Hardship Withdrawals

A participant may withdraw all or a portion of their contributions subject to hardship withdrawal provisions.

2. Summary of Significant Accounting Policies

Basis of Accounting and Use of Estimates

The financial statements of the Plan are prepared using the accrual method of accounting. The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates that affect the financial statements and accompanying notes. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan, via the UMB Retirement Master Trust, invests in various investment securities. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the financial statements.

Valuation of Investments

Investments in the UMB Retirement Master Trust are stated at fair value. Securities traded in public markets are valued at their quoted market prices. Participants do not have beneficial ownership in specific underlying securities or other assets in the various funds, but have an interest therein represented by units valued as of the last business day of the period. The various funds earn dividends and interest which are automatically reinvested in additional units. Generally, contributions to and withdrawal payments from each fund are converted to units by dividing the amounts of such transactions by the unit values as last determined, and the participants' accounts are charged or credited with the number of units properly attributable to each participant.

Recognition of Investment Income

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net change in fair value of investments includes the Plan's gains and losses on investments bought and sold, as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 or 2021. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

Payment of Benefits

Benefit payments to participants are recorded when paid.

Costs and Expenses

Fees related to certain terminated participant accounts, administration of notes receivable from participants and distributions are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in investment income. The Plan used \$171,129 and \$200,990 of proceeds from a revenue sharing arrangement to pay administrative fees in 2022 and 2021, respectively. Any proceeds remaining from the revenue sharing arrangement at the end of the year are allocated on a pro-rata basis to participant accounts in the Plan. The proceeds from the revenue sharing arrangement were previously held in a JPMorgan U.S. Government money market, and following the conversion of the trustee to Fidelity are now held in a Federated Hermes Government Obligations Fund.

3. UMB Retirement Master Trust

The assets of the Plan and the ESOP are combined into the UMB Retirement Master Trust (the Master Trust), a master trust established by the Company. Use of the Master Trust permits the commingling of Plan assets with the assets of the ESOP for investment and administrative purposes. At December 31, 2022 and 2021, the Plan's assets relate to its share of the allocated net assets of the Master Trust. Although assets of both plans are commingled in the Master Trust, the Trustee maintains supporting records for the purpose of allocating investment income or loss to the participating plans. The net investment income or loss of the investment assets is allocated by the Trustee to each participating plan on a basis proportionate to the Plan's share of net assets. All other activity is recorded in the Plan based on the elections of the individual participants in the Plan.

The following table presents the net assets of the Master Trust and the Plan's interest in the net assets of the Master Trust at December 31, 2022 and 2021:

	2022		2021	
	Master Trust	Plan's Interest in Master Trust	Master Trust	Plan's Interest in Master Trust
Investments, at fair value:				
Mutual funds	\$ 456,400,414	\$ 456,400,414	\$ 563,207,409	\$ 563,207,409
UMB Company Stock Fund	77,436,486	16,394,357	99,739,419	18,929,011
Money market funds	26,529,265	26,529,265	26,476,733	26,476,733
Total investments	560,366,165	499,324,036	689,423,561	608,613,153
Receivables:				
Dividends receivable	352,565	74,188	—	—
Other	—	—	68,310	68,310
Total receivables	352,565	74,188	68,310	68,310
Cash	2,243	1,143	731,077	731,077
Net assets	\$ 560,720,973	\$ 499,399,367	\$ 690,222,948	\$ 609,412,540

Income/(loss) of the Master Trust includes net change in the fair value of investments and dividend and interest income. Net change in the fair value of its investments includes the Plan's gains and losses on investments bought and sold, as well as held during the year.

The following are changes in net assets for the Master Trust for the years ended December 31, 2022 and 2021:

	2022	2021
Total transfers in	\$ 60,564,303	\$ 50,423,097
Total transfers out	(53,928,804)	(73,624,233)
Net transfers	6,635,500	(23,201,136)
Dividend and interest income	20,046,487	36,291,324
Net change in fair value of investments	(156,054,791)	81,820,761
Administrative expenses	(129,171)	(124,683)
(Decrease) increase in net assets	(129,501,975)	94,786,266
Net assets:		
Beginning of year	690,222,948	595,436,682
End of year	\$ 560,720,973	\$ 690,222,948

4. Fair Value Measurements

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

Level 1 Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Master Trust has the ability to access.

Level 2 Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 or 2021.

Mutual Funds and Money Market Funds

Mutual funds and money market funds are valued at the daily closing price as reported by the fund. Mutual funds and money market funds held by the Master Trust are open end mutual funds and money market funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds and money market funds held by the Master Trust are deemed to be actively traded.

UMB Company Stock Fund

As of December 31, 2022, the UMB Company Stock Fund is valued at the daily closing price of UMB Financial Corporation (UMBF). The UMB Company Stock Fund is comprised of UMBF shares that are traded on an active market. As of December 31, 2021, the UMB Company Stock Fund was valued at the NAV of shares held by the Master Trust at year end, which was used as a practical expedient to estimate fair value. The UMB Company Stock Fund was comprised of assets that were traded on an active market and cash equivalents. The NAV is determined by dividing the net assets of the UMB Company Stock Fund by the number of units outstanding on the day of valuation.

The following table sets forth by level, within the fair value hierarchy, the Master Trust's assets measured at fair value on a recurring basis as of December 31, 2022:

	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 456,400,414	\$ —	\$ —	\$ 456,400,414
Money market funds	26,529,265	—	—	26,529,265
UMB Company Stock Fund	77,436,486	—	—	77,436,486
Total investments at fair value	<u>\$ 560,366,165</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 560,366,165</u>

The following table sets forth by level, within the fair value hierarchy, the Master Trust's assets measured at fair value on a recurring basis as of December 31, 2021:

	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 563,207,409	\$ —	\$ —	\$ 563,207,409
Money market funds	26,476,733	—	—	26,476,733
Total assets in the fair value hierarchy	<u>\$ 589,684,142</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 589,684,142</u>
UMB Company Stock Fund ⁽¹⁾				99,739,419
Total investments at fair value				<u>\$ 689,423,561</u>

- (1) Certain investments that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been categorized 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 amounts presented in Note 3.

5. Plan Termination

Although it has not expressed any intention to do so, the Board of Directors of the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event that the Plan is terminated, participants become 100 percent vested in their accounts and the Plan provides that its net assets be used to pay all expenses and benefits due and will distribute the remaining assets among the Plan participants based upon their account balance.

6. Tax Status

The Plan uses a pre-approved defined contribution plan document sponsored by FMR, LLC. The sponsor received an opinion letter from the Internal Revenue Service (IRS) dated June 30, 2020, which states that the pre-approved defined contribution plan document satisfies the applicable requirements of the IRC. Prior to the trustee change in 2022 and for tax year 2021, the Plan used a prototype document sponsored by OneAmerica Financial Partners, Inc. The Plan itself has not received a determination letter from the IRS. However, the Plan's management believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements. The Plan is subject to routine audits by taxing jurisdictions; however there are currently no audits for any tax period in progress. The Plan's federal tax returns for tax years 2019 and later remain subject to examination by taxing authorities.

7. Related Party and Party In Interest Transactions

At December 31, 2022 and 2021, included in the Plan's share of net assets of the Master Trust, via the UMB Company Stock Fund, are 196,293 and 177,411 shares, respectively, of UMB's common stock at a fair value of \$16,394,357 and \$18,825,040, respectively. All of the above transactions are exempt party in interest transactions under ERISA.

8. Transfers from The ESOP of UMB

The ESOP allows participants to diversify their investment in Company stock by transferring a portion of their investment in Company stock from the ESOP into other investment options offered by the Plan. Participants who are at least age 50 with at least 10 years of service may elect to transfer a portion of their ESOP account balance to the Plan. A participant may diversify up to 25 percent of the number of shares allocated to their account, less any shares previously diversified. Upon attaining age 60, the percentage changes to 50 percent.

UMB PROFIT SHARING AND 401(k) SAVINGS PLAN

EIN: 43-0903811 PLAN NUMBER: 001

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

DECEMBER 31, 2022

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost**	Current Value
*	Plan Participants	Promissory notes, interest rates from 2.25% to 9.00%; maturity dates through June 2041		\$ <u>6,011,113</u>

* Represents party in interest to the Plan.

** Cost not required for participant directed investments.

The above information is required for disclosure for Form 5500, Schedule H, Part IV, line 4i.

UMB Profit Sharing and 401(k) Savings Plan
 UMB Financial Corporation
 EIN: 43-0903811 PN: 001
 Schedule H, line 4i – Schedule of Assets (Held At End of Year)
 12/31/2022

(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	(e) Current value
*	Participant Loans	Participant Loans	6,011,113
*	Interest Held in Master Trust	Various (includes Registered Investment Companies, Employer Securities, etc.)	499,399,367
		TOTAL	505,410,480

* Investment with party-in-interest to the Plan

Fee Schedule and Disclosures OneAmerica

UMB PROFIT SHARING AND 401(K) SAVINGS AND ESOP PLANS (the "Plans")

This fee schedule pertains to the services ("Services") covered in the Client Agreement with Matrix Trust Company ("Matrix Trust"), and is intended as the service provider disclosure statement to fiduciaries that have the authority to enter into, extend, or renew Matrix Trust's provision of services to the Plans. If you are in receipt of this schedule and are not the responsible Plan fiduciary under 29 C.F.R. Sec. 2550.408b-2 ("408(b)(2)"), please forward this disclosure to that fiduciary's attention.

If Matrix Trust's appointment is as a directed (non-discretionary) trustee, with regard to providing services to the Plans, Matrix Trust is serving in a limited fiduciary capacity under ERISA. If Matrix Trust's appointment is not as trustee, Matrix Trust is not serving in a fiduciary capacity under ERISA except to the extent that Matrix Trust explicitly agrees to and acknowledges its fiduciary capacity.

TRUST/CUSTODY SERVICES

Annual Market Value Fees:

Plan With Total Assets of Less Than \$100MM	2 basis points (on assets other than Conditionally Accepted)
Plan With Total Assets Over \$100MM	1 basis point (on assets other than Conditionally Accepted)
Conditionally Accepted Assets ¹	15 basis points

Annual Trustee Fees: (includes custodial services)

Plans with mutual funds <u>only</u>	\$ 750 per plan
Plans with mutual funds <u>and</u> IDAs	\$ 1,500 per plan
Plans with mutual funds, IDAs and Conditionally Accepted Assets	\$ 2,500 per plan

Annual Custodian Fee	\$ 500 per plan
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DISBURSEMENT-RELATED SERVICES

One-time Check or Wire	\$ 5 each (includes Forms 1099R, 1099M, W-2)
One-time ACH Transfers	\$ 3 each (includes Forms 1099R, 1099M, W-2)
Recurring Check or ACH Transfer	\$ 3 each (includes Forms 1099R, 1099M, W-2)
Stop Payment	\$ 20 each
Form 1099 Replacement	\$ 0 each

ADDITIONAL SERVICES

Unitization Annual Fee ²	\$ 2,750 per NAV (in addition to the Annual Market Value Fees listed above)
1041 Informational Tax Letter	\$ 500 per letter
990T Preparation and Filing	\$ 1,000 per filing
ASC 820 Report	Included
Extraordinary Services	\$ 100 per hour
Termination Fee	\$ 500 per plan
Fund Service Fee Collection Services	Included - 100% pass through
Self-Directed Brokerage Account (SDBA):	
Initial Account Set-Up Fee	\$ 75 each new SDBA
Waived for TDA accounts and existing IDAs for implementation process	
Annual Account Fee @ connected broker	\$ 100 each (in addition to the Annual Market Value Fees listed above)
Waived for TD Ameritrade accounts	
Annual Account Fee @ non-connected broker	\$ 400 each (in addition to the Annual Market Values Fee listed above)

TERMS, CONDITIONS AND REQUIRED DISCLOSURES

The Plan's third-party administrator may impose administration fees, which are in addition to the afore-mentioned fees. The afore-mentioned fees do not include investment manager or consultant fees. The afore-mentioned fees do not include any brokerage or other sub-custodian commissions, unless otherwise noted. The afore-mentioned fees also do not include mutual fund sales charges/loads or brokerage commissions imposed by broker-dealers or mutual fund families. An applicable mutual fund prospectus or statement of additional information may provide for the waiver of plan level mutual fund sales charges/loads. In order for the fees to be included, the Plan Sponsor or the Responsible Plan Fiduciary or a person identified by the Plan Sponsor or the Responsible Plan Fiduciary to act as the Authorized Person (the "Authorized Person") may be required to complete additional documentation. The afore-mentioned fees also do not include real estate appraisal fees, annual inspection costs, insurance premiums or other like costs associated with any real property that may be held in the account.

The fees listed in the Trust/Custody Services section are charged on a per plan basis and include:

- Electronically transmitted transactions
- Asset transfer and set-up in one account per plan
- Quarterly and annual statement (maximum of two duplicate sets)
- Proxy delivery to the Responsible Plan Fiduciary or other designated party
- Wire receipts for employer and employee contributions and master note loan repayments (if applicable)
- Interest, dividend, and capital gains posting; processing of capital changes (splits, reorganizations, etc.)

Additional fees may be charged for:

- Extraordinary services
- Checks received with insufficient funds
- Overnight mailing (\$25 per mailing)

Fees are billed quarterly in arrears directly to OneAmerica. Asset based fees will be calculated utilizing a daily average balance for the invoice period. To the extent Matrix Trust fees are paid by the account, the fees represent direct compensation paid to Matrix Trust. To the extent that Matrix Trust fees are paid by OneAmerica or the Plan Sponsor and not reimbursed by plan assets, the fees do not represent direct or indirect compensation paid to Matrix Trust for purposes of 408(b)(2). Matrix Trust fees outstanding for more than 90 days from the billing date may be deducted directly from the account.

I. INDIRECT COMPENSATION

Matrix Trust may receive indirect compensation in connection with Services:

- in the form of "float" income, and
- through its affiliate(s) and/or other parties as described below, and to the extent applicable, with respect to Investment Related Administrative Fee Services, Brokerage Accounts, Retirement Cash Account, ModelTool(K)it™, Level Compensation Services, ETF Trading Services, ETF/Closed End Fund Trading Services, Stale Dated Check Services, and Proceeds of Corrective Transactions.

A. CASH SUB-ACCOUNTING SERVICES/FLOAT INCOME

Matrix Trust also provides sub-accounting services to certain banking institutions, with respect to cash held on a short-term basis in their omnibus accounts. With respect to the Plans, this may occur where, for example, Plans' funds are awaiting investment, distribution or other processing. As described below under the section titled: "Matrix Trust - Float Disclosure for Employee Benefit Plans," Matrix Trust may derive compensation from the use of this short-term cash, which is referred to as "float income." Currently, Matrix Trust has arrangements with two banks – JP Morgan Chase and TD Bank – under which the banks pay float income to Matrix Trust in exchange for its sub-accounting services. Float income is reflected as an earnings credit or service fee on monthly bank invoices.

The exact amount of float income credited from these two banks to Matrix Trust cannot be described in precise terms, because the rate of float income paid fluctuates over time (it generally tracks the Federal Funds Rate), and it is also impossible to predict exactly how much Plan cash will be held on a short-term basis, and for how long. Please refer to the section below titled "Matrix Trust - Float Disclosure for Employee Benefit Plans" for more information.

B. MATRIX TRUST - FLOAT DISCLOSURE FOR EMPLOYEE BENEFIT PLANS**1. Additional Compensation Attributable to Float**

Matrix Trust may derive compensation from the use of cash held on behalf of client plans pending investment, distribution or other processing. This compensation is referred to as "float". The disclosures contained in the following paragraphs have been prepared in accordance with U.S. Department of Labor guidance contained in Field Assistance Bulletin 2002-3 concerning service provider float disclosure obligations to employee benefit plan customers.

In connection with Matrix Trust's provision of services to plan customers, Matrix Trust maintains various banking arrangements to facilitate movements of cash as necessary to process plan customer transactions, including arrangements with one or more banks. Under these arrangements, cash may be held in general or "omnibus" bank accounts established by or at the direction of Matrix Trust, pending investment, trade settlement, or the presentment of distribution checks for payment. These accounts generate float earnings for Matrix Trust. The proportionate share of those earnings attributable to the funds of a particular plan constitutes compensation that is paid by the plan and retained by Matrix Trust in connection with Matrix Trust's services and is in addition to any other fees or compensation payable under the service arrangement.

As of the date of this disclosure, Matrix Trust's only banking arrangements described above are with JPMorgan Chase, N.A. and TD Bank, N.A, both of which are unaffiliated institutions to Matrix Trust.

The paragraphs below describe the specific circumstances under which float will be earned and retained, the time frames applicable to float earnings periods, and a general description of the rate of float earnings.

2. Circumstances and Time Frames During Which Float May Be Earned

a) Contributions

Plans direct cash contributions to Matrix Trust through a demand deposit account Matrix Trust maintains for that purpose. Matrix Trust credits the amount of a plan's cash contribution to the plan's Matrix Trust account ("**Client Account**") on the business day it is received. If the Client Account uses a cash sweep, the cash contribution is swept from the demand deposit account and invested on the plan's behalf on the next business day. Matrix Trust earns float on the cash contribution between the business day of deposit and the next business day. A "business day" is a day on which the New York Stock Exchange is open for business.

If a Client Account does not use a cash sweep, Matrix Trust earns float on the cash contribution from the business day of deposit until Matrix Trust receives investment instructions from the plan and the investment transaction settles. Upon Matrix Trust's receipt of investment instructions in good order, settlement of mutual fund trades generally occurs within one business day and settlement of individual securities trades (*i.e.*, stocks and bonds) generally occurs within three business days.

b) Purchases of Securities for the Client Account

When Matrix Trust receives instructions, in good order and in accordance with prescribed procedures, to purchase a security for a Client Account, Matrix Trust places the purchase trade order that same business day if the instructions are received prior to Matrix Trust trading cut-off times. If instructions are received after the Matrix Trust trading cut-off times, the purchase trade order is placed on the next business day.

When Matrix Trust settles a purchase trade order for a Client Account, Client Account assets required to pay for the purchase are transferred to a demand deposit account maintained by Matrix Trust on the trade settlement date. When a purchase trade order is cancelled or rejected, the funds previously set aside to pay for the purchase are re-credited to the Client Account and either invested through the cash sweep, if applicable, or retained in the deposit account pending other investment instructions, as described above.

c) Sales of Securities for the Client Account

When Matrix Trust receives instructions, in good order and in accordance with prescribed procedures, to sell a security for a Client Account, Matrix Trust places the sale trade order that same business day if the instructions are received prior to Matrix Trust trading cut-off times. If instructions are received after the Matrix Trust trading cut-off times, the sale trade order will be placed on the next business day.

When Matrix Trust places or settles a sale trade for a Client Account, the Client Account receives the sales proceeds on the trade settlement date. If the Client Account does not use a sweep, Matrix Trust will earn float from the date Matrix Trust receives the sale settlement proceeds until Matrix Trust receives instructions to reinvest the sale proceeds as described above.

d) Payments from Client Accounts

Matrix Trust may earn float when it issues checks on behalf of plans including checks for (i) distributions to participants and/or beneficiaries, (ii) participant loan distributions, or (iii) fees paid to plan service providers. Matrix Trust does not earn float when payments or distributions are made by direct deposit (ACH) or by a federal funds wire transfer.

Matrix Trust will mail a distribution check to a plan participant or beneficiary on the payable date (the date printed on the check). On the same day, Matrix Trust debits the Client Account in the amount of the check. Matrix Trust will earn float on the amount of the check from the date the check is issued until the date the check is presented and paid.

Where Matrix Trust has been directed to establish periodic or recurring distribution checks, such payments are typically mailed to plan participants and beneficiaries prior to the payable date (for example, periodic payments are mailed six business days prior to the payable date). Matrix Trust debits the Client Account in the amount of the checks on the payable date. Matrix Trust is able to mail the checks before assets are withdrawn from the Client Account and sold because periodic distributions are of a predictable amount (generally a set dollar amount each payment cycle). Matrix Trust will only earn float on the amount of the check from the date the check is payable until the date check is presented and paid.

On a periodic basis, Matrix Trust will notify clients of outstanding periodic and lump sum distribution checks that Matrix Trust has issued. If an originally-issued check is reported lost or missing, Matrix Trust will re-issue the check upon receipt

of direction from the client and/or other authorized party to instruct on the account. If the participant or beneficiary does not negotiate the check within a reasonable time, Matrix Trust reserves the right to re-credit (redeposit) the payment to the Client Account and to invest these funds at the direction of a Client Account fiduciary, or to disburse the funds as directed or otherwise in accordance with applicable law.

3. Rate On Float Earnings

The rate at which Matrix Trust earns float over the time periods described above is generally comparable to the effective Federal Funds Rate as reported in the Wall Street Journal over the applicable time frame.

C. INVESTMENT RELATED ADMINISTRATIVE FEE SERVICES (if elected and to the extent applicable)

Where Matrix Trust has been so authorized, Matrix Trust through its affiliate and registered broker dealer, MSCS Financial Services Division of Broadridge Business Process Outsourcing, LLC ("**MSCS Financial**"), may receive fees from certain investment companies, mutual funds, stable value funds, guaranteed investment contracts, guaranteed annuity contracts and similar investment vehicles (the "**Funds**") in the form of 12b-1 fees or firm concessions (*i.e.*, finders fees), or in the form of shareholder servicing, sub-transfer agent and sub-accounting fees ("**Mutual Fund Fees**").

Matrix Trust will pass through 100% of Mutual Fund Fees to OneAmerica. The amount of such Mutual Fund Fees as paid by the Funds is subject to change at any time.

If the Plan is trading on Matrix Trust's trading platform and Mutual Fund Fees are available for the plan investment options selected for the Plan, available Mutual Fund Fees are identified on the Plan fund list in the Sub-TA and 12b-1 columns for each investment option listed and is paid by the investment provider offering the fund.

D. CERTAIN BROKERAGE ACCOUNTS (if elected and to the extent applicable)

If your Plan offers a self-directed brokerage account ("**SDBA**") option to Plan participants, SDBA balances remain subject to the services and fees described under other sections of this schedule, to the extent applicable.

Also, where the named Fiduciary of the Plan and/or its authorized representative(s) has directed Matrix Trust to establish an SDBA that is a TD Ameritrade Brokerage Account, pursuant to an agreement with TD Ameritrade, Matrix Settlement and Clearing Services, LLC ("**MSCS**") will provide account reconciliation services, account set-up and maintenance, movement of cash between the Plan's core accounts and SDBAs, and related administrative tasks. For these services and others, MSCS will receive quarterly, in arrears, an amount equal to 0.0175% (1.75 basis points) of the value of Plan assets in the TD Ameritrade SDBAs during such quarter, based on the average of the Plan assets held in the SDBAs on the last business day of each month in the applicable quarter. This rate shall apply for the calendar quarter ending March 2020 and shall decrease as follows to 0.01% (1 basis point) for the calendar quarter ending June 2020, then 0.0075% (0.75 basis points) for the calendar quarter ending September 2020, then 0.005% (0.5 basis points) for the calendar quarter ending December 2020 with subsequent quarters to be calculated at the rate of 0.00375% (0.375 basis points). **TD Ameritrade pays these fees to MSCS.**

In all cases, the fees described above do not include brokerage commissions or other fees payable to TD Ameritrade, or other SDBA provider, who are unaffiliated with Matrix Trust, MSCS and MSCS Financial.

E. RETIREMENT CASH ACCOUNT (if elected and to the extent applicable)

Matrix Trust receives fees with respect to the Retirement Cash Account, to the extent permitted by Applicable Rules, for providing services with respect to the account and the accountholders. Specifically, as provided under an agreement with JPMorgan Chase Bank, N.A. ("**JPMCB**"), Matrix Trust receives a servicing fee in exchange for providing sub-accounting and support services, processing transactions and reconciling aggregate account activity with respect to funds deposited in the Retirement Cash Account with JPMCB. The servicing fee is deducted by Matrix Trust from the total interest paid to Matrix Trust by JPMCB, and is the difference between the total interest rate paid to Matrix Trust by JPMCB and the stated interest rate paid to plan participants on their investments in the Retirement Cash Account. In other words, the servicing fees paid to Matrix Trust reduce the interest rate paid to plan participants by a corresponding amount.

At each rate of total interest paid by JPMCB (from 0.00% up to 5.00%), the share of such total interest that is credited as the "stated rate" of interest to plan participants on their Retirement Cash Account balances, and the share of such total interest that is retained by Matrix Trust as its servicing fees, are set forth under a pre-established rate table. Such servicing fees are based on the average daily deposit balances in the Retirement Cash Account. The rate of the servicing fee that Matrix Trust receives may exceed the interest rate or effective yield the depositors receive from the Retirement Cash Account. No portion of these servicing fees will reduce or offset the fees otherwise due to Matrix Trust unless required by Applicable Rules. "Applicable Rules" means all applicable federal and state laws, rules and regulations, rules of any self-regulatory organization, and the constitution and applicable rules, regulations, customs, and usages of the exchange or market and its clearinghouse. Unless stated otherwise in Schedule 1, other than the applicable fees charged on plan custody accounts, there are no separate charges, fees (other than the servicing fee described above), or commissions paid to Matrix Trust or its affiliates as a result of, or otherwise in connection with, the Retirement Cash Account.

For more specific information, the current interest rate payable at any given time will be available online at:
<https://www.broadridge.com/resource/matrix-trust-company>.

A copy of the full rate table and the current interest rate payable at any given time may be obtained by calling Matrix Trust Client Services at 888-947-3472.

Current Retirement Cash Account disclosures and rates payable are likewise available online at:
<https://www.broadridge.com/assets/pdf/broadridge-msb-retirement-cash-account.pdf>.

As of December 1, 2020, the total rate of interest being paid by JPMCB is 0.28%, and as provided in the rate table, this means that Matrix Trust's servicing fees are equal to 0.20%. However, as the total interest rate paid by JPMCB increases, the servicing fees will likewise increase, and if the total interest rate paid by JPMCB decreases, the servicing fees will likewise decrease. While the full rate table is available and accessible (as explained above), it is very voluminous. However, the following summarizes the general ranges of the stated interest rates paid to Plan participants and Matrix Trust's servicing fees at various rates of total interest, as determined under the rate table:

When the total rate of interest paid (annually) by JPMCB is between:	The stated interest rate paid to plan participants ranges from:	The servicing fees retained by Matrix Trust ranges from:
0.00% and 0.50%	0.00% and 0.13%	0.00% and 0.37%
0.51% and 1.00%	0.13% and 0.25%	0.38% and 0.75%
1.01% and 2.00%	0.26% and 0.50%	0.75% and 1.50%
2.01% and 3.00%	0.51% and 1.23%	1.50% and 1.77%
3.01% and 4.00%	1.23% and 1.90%	1.78% and 2.10%
4.01% and 5.00%	1.91% and 2.63%	2.10% and 2.37%

Based upon the total rates of interest paid by JPMCB in recent periods, and the total rates of interest that Matrix Trust generally expects that JPMCB would intend to pay in the future, a reasonable estimate of the servicing fees retained by Matrix Trust would usually be between 0% and 2.37%. However, we should emphasize that Matrix Trust cannot control or predict the total interest rates payable by JPMCB in the future, which makes it impossible to predict the rate of Servicing Fees we will receive at any given time. Therefore, to help you make a fully informed decision about whether to utilize (or continue utilizing) the Retirement Cash Account at any given time, we strongly recommend that you access the online materials or contact Matrix Trust Client Services as described above, to be provided with more detailed information.

F. MODELTOOL(K)IT™ SERVICES (if elected and to the extent applicable)

Where the named Fiduciary of the Plans and/or their authorized representative(s) has entered into an agreement to subscribe to ModelTool(k)it™ ("MTK") for the Plans, a total annual fee of 0.025% (2.5 basis points), the ModelTool(k)it™ Platform Fee, charged monthly in arrears applies to the market value of assets covered under the MTK agreement. This fee is deducted directly from the Plan account from the assets covered under the MTK agreement. Of the total fee, a third-party subcontractor of MSCS, Envestnet Retirement Services ("ERS") receives approximately (no less than) 0.02% (2.0 basis points) as its compensation for providing services detailed in the Plan's MTK agreement, and MSCS itself will retain approximately (no more than) 0.005% (0.5 basis points) for facilitating MTK as a service on the MSCS trading platform. All other applicable services and fees will continue to apply, except that if investments subject to the MTK agreement generate Mutual Fund Fees, MSCS Financial will collect such Mutual Fund Fees as compensation, but Matrix Trust will credit back Administrative Fees in an amount equal to one hundred percent (100%) of such Mutual Fund Fees to the TPA.

G. LEVEL COMPENSATION SERVICES (if elected and to the extent applicable)

Where the named Fiduciary of the Plan has engaged a broker (registered representative) whose firm utilizes the Matrix Trust Level Compensation Services, in addition to any other applicable services and fees, MSCS Financial will serve as Broker of Record for investment transactions, and will retain up to 0.02% (2 basis points) of the Plan's total assets, with such fees coming from any 12b-1 fees and shareholder servicing ("Level Compensation Fees") it collects from Funds on behalf of the broker. For certain Plans whose investment lineup pays differing compensation per investment, brokers may receive Level Compensation Fees based on an approximate weighted average ("Weighted Average") of fees paid by or on behalf of Funds. Where Weighted Average is in place, MSCS Financial may retain an overage in the amount fees received from or on behalf of the Funds. This overage amount may be an amount up to 0.05% (5 basis points) of Plan assets because Weighted Average Level Compensation Fee percentages are set by MSCS on 0.05% (5 basis point) increments. If you have engaged an investment adviser for your plan whose firm utilizes the RIA Remittance Services of the MSCS Level Compensation Services, in addition to any other applicable services and fees, MSCS will be paid a fee of up to 0.015% (1.5 basis points) of the Plan's total assets (also referenced as "Level Compensation Fees"). With respect to brokers, the Level Compensation Fees are in exchange for MSCS Financial's administrative services in collecting and distributing Level

Compensation Fees to the broker. With respect to investment advisers, the Level Compensation fees are in exchange for MSCS's administrative services in collecting from the TPA and distributing to the investment adviser the adviser's advisory fees (*i.e.*, facilitating RIA fee remittance services). Per the agreement setting forth the Level Compensation Services between MSCS and the broker-dealer or investment advisory firm, this compensation is deducted from Level Compensation Fees as received from the Plan's Funds.

H. ETF/CLOSED END FUND TRADING SERVICES (if elected and to the extent applicable)

In addition to all other applicable services and fees, if the Plan offers one or more exchange-traded funds ("ETFs") and/or closed end funds ("CEFs") as investment options to Plan participants, a third-party subcontractor of MSCS, Virtu Americas LLC ("Virtu") (formerly known as "Knight Capital Group" or "KCG") receives certain commissions for executing ETF/CEF trades processed on the MSCS trading platform (per the agreement between Matrix Trust/MSCS and the TPA). Per the agreement between Matrix Trust/MSCS and the TPA, the commissions paid to Virtu are generally deducted directly from the Plan account (*i.e.*, "netted" from the ETF/CEF trade) unless, per the agreement between Matrix Trust/MSCS and the TPA, the TPA is invoiced for such charges instead. Virtu's commission charges, as the executing ETF/CEF broker, are:

- \$0.01 per share per ETF/CEF trade received by MSCS prior to 3:00 pm Eastern Time, or one (1) hour prior to market close, with market on close execution; or
- \$0.005 per share per ETF/CEF trade processed during market hours (with pricing changing throughout the trading day).

MSCS (along with Matrix Trust and MSCS Financial) does not retain any of Virtu's commissions described above; rather, Virtu receives 100% of these additional ETF/CEF commissions. However, Virtu's commissions are in addition to, not in lieu of, all other applicable fees, including but without limitation the Administrative Fees described above under the heading "Investment Related Administrative Fee Services".

ETF/CEF trade instructions may be received by MSCS after market close. When this occurs, the transaction will be processed the following business day. Because the price of an investment may change between the receipt of instructions and the execution of instructions, a transaction may result in either a shortfall or an excess. If the transaction results in a shortfall, Matrix Trust will promptly cover the shortfall to the extent necessary to process the transaction based on the price that would have been paid or realized by the Plan had the transaction been processed on the day Matrix received instruction. If the transaction results in an excess, Matrix Trust will retain the amount of the excess in a suspense account to be applied to future shortfalls.

I. STALE DATED CHECK SERVICES

Matrix Trust provides services to assist with the resolution of Plan participants' stale dated checks, as directed by an Authorized Person. Where the named Fiduciary of the Plan and/or its authorized representative(s) has elected to utilize certain services to assist in the resolution of participant related stale dated checks, a subcontractor to Matrix Trust and MSCS, PBI Research Services, Pension Benefit Information, LLC ("PBI"), receives \$40 per check as direct compensation which is deducted directly from the Plan (*i.e.*, from the stale check amount). This compensation to PBI is for its services which includes conducting a search, related communications, and distributing funds to affected Plan participants. All float income to Matrix Trust will cease with respect to the stopped check from the time the check is stopped, but float income related to the period beginning with the issuance of the distribution check through the date the check was stopped will be retained by Matrix Trust.

J. PROCEEDS OF CORRECTIVE TRANSACTIONS

Matrix Trust receives investment instructions and, although rare, occasional errors in the instructions themselves or the processing of instructions may occur. The causes of such errors may include, but are not necessarily limited to, entry of an erroneous trade ("buy" vs. "sell," or vice versa), dollar amount or number of shares, incorrect identification of the security, duplication of orders (such as, instructions entered more than once), or untimely transmittal of instructions. When an error is discovered, action is taken to correct the transaction in a manner intended to avoid or minimize harm or disruption to the Plan. Because the price of an investment may change between the processing of erroneous instructions and the execution of corrective instructions, a corrective transaction may result in either a shortfall or an excess. If the error originates with Matrix Trust and the corrective transaction results in a shortfall, Matrix Trust will promptly cover the shortfall to the extent necessary to process the transaction based on the price that would have been paid or realized by the Plan had the transaction been processed as instructed. If the corrective transaction results in an excess, Matrix Trust will retain the amount of the excess in a suspense account to be applied to future shortfalls resulting from trade errors. Consistent with positions expressed by the U.S. Department of Labor, any such excess proceeds may be treated as compensation to Matrix Trust for its services. The amount of any such compensation cannot be predicted in advance, but generally is not expected to be material over time.

II. NON-MONETARY COMPENSATION

Matrix Trust and MSCS Financial maintain policies that place limits on the circumstances under which gifts, travel and entertainment may be accepted by employees. **Other than for modest gifts given or received in the normal course of business, employees are not permitted to receive gifts from clients and vendors.** Under the 408(b)(2) regulation, a service provider's acceptance of these non-monetary items may involve the receipt of indirect compensation from a plan where the value attributable to the plan, on a pro rata

basis, exceeds \$250 over the term of the plan's contract with the service provider. In light of the policies, Matrix Trust does not anticipate that the value of any such non-monetary items will approach the \$250 threshold with respect to the plan.

III. MISCELLANEOUS

Matrix Trust reserves the right to decline acceptance of any Plan assets not discussed during the original account acceptance process. Matrix Trust reserves the right to amend this fee schedule at any time with a 30 day advance written notice to the Plan Sponsor, or such other time period as specified within the Client Agreement covering the Services.