

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 VILLANOVA UNIVERSITY RETIREMENT SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 002
1c	Effective date of plan 09/01/1937
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, and ZIP or foreign postal code (if foreign, see instructions) VILLANOVA UNIVERSITY 800 LANCASTER AVENUE VILLANOVA, PA 19085
2b	Employer Identification Number (EIN) 23-1352688
2c	Plan Sponsor's telephone number 610-519-7900
2d	Business code (see instructions) 611000

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	09/08/2023	MICHELE MOCARSKY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	09/08/2023	MICHELE MOCARSKY
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor		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 4346
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 2476
a(2) Total number of active participants at the end of the plan year		6a(2) 2727
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 1793
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 4520
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 42
f Total. Add lines 6d and 6e		6f 4562
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 4506
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2F 2G 2L 2M 2R 2T		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ 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) ☒ 1 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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 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 VILLANOVA UNIVERSITY RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 VILLANOVA UNIVERSITY	D Employer Identification Number (EIN) 23-1352688	

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

(a) Name of insurance carrier TIAA-CREF
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(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	406554	2051	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
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(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end.....	4	201409798
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	249781939

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

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

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

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

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

b	Balance at the end of the previous year	7b	195988590
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c	Additions: (1) Contributions deposited during the year	7c(1)	2167653	
	(2) Dividends and credits	7c(2)		
	(3) Interest credited during the year	7c(3)	8158498	
	(4) Transferred from separate account	7c(4)	10593015	
	(5) Other (specify below)	7c(5)	290150	
	▶ MISCELLANEOUS CREDITS, INCLUDING INVESTMENT GAINS AND TRANSFERS FROM FULLY ALLOCATED CONTRACTS			

(6) Total additions	7c(6)	21209316
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	217197906
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e Deductions:

e	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	8851723	
	(2) Administration charge made by carrier	7e(2)	1717	
	(3) Transferred to separate account	7e(3)	6934668	
	(4) Other (specify below)	7e(4)		

(5) Total deductions	7e(5)	15788108
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	201409798
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Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Part IV Provision of Information

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

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

SCHEDULE 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 VILLANOVA UNIVERSITY RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 VILLANOVA UNIVERSITY	D Employer Identification Number (EIN) 23-1352688

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

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--

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

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

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

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13-1624203

(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 17 27 28 38 50 52 54 64 66	NONE	208881	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 ☐

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 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 VILLANOVA UNIVERSITY RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ►	002
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 VILLANOVA UNIVERSITY	D Employer Identification Number (EIN) 23-1352688	

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: TIAA REAL ESTATE		
b Name of sponsor of entity listed in (a): TIAA-CREF		
c EIN-PN 13-1624203-004	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 34389472
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 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>VILLANOVA UNIVERSITY RETIREMENT SAVINGS PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"> B Three-digit plan number (PN) ► </td> <td style="width: 20%; padding: 5px; text-align: center;"> <u>002</u> </td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> </table>		B Three-digit plan number (PN) ►	<u>002</u>		
B Three-digit plan number (PN) ►	<u>002</u>					
C Plan sponsor's name as shown on line 2a of Form 5500 <u>VILLANOVA UNIVERSITY</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 5px;"> D Employer Identification Number (EIN) <u>23-1352688</u> </td> <td style="width: 20%;"></td> </tr> </table>		D Employer Identification Number (EIN) <u>23-1352688</u>			
D Employer Identification Number (EIN) <u>23-1352688</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	
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....		1b(1)	202089282614
(2) Participant contributions.....		1b(2)	
(3) Other.....		1b(3)	
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....		1c(1)	
(2) U.S. Government securities		1c(2)	
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred		1c(3)(A)	
(B) All other		1c(3)(B)	
(4) Corporate stocks (other than employer securities):			
(A) Preferred		1c(4)(A)	
(B) Common.....		1c(4)(B)	
(5) Partnership/joint venture interests		1c(5)	
(6) Real estate (other than employer real property)		1c(6)	
(7) Loans (other than to participants).....		1c(7)	
(8) Participant loans.....		1c(8)	31032503172575
(9) Value of interest in common/collective trusts.....		1c(9)	
(10) Value of interest in pooled separate accounts		1c(10)	3026418734389472
(11) Value of interest in master trust investment accounts.....		1c(11)	
(12) Value of interest in 103-12 investment entities		1c(12)	
(13) Value of interest in registered investment companies (e.g., mutual funds).....		1c(13)	826689771680643541
(14) Value of funds held in insurance company general account (unallocated contracts).....		1c(14)	195988590201409798
(15) Other		1c(15)	

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	1056247887	919898000

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
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	1056247887	919898000
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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)	17626807	
(B) Participants	2a(1)(B)	18065973	
(C) Others (including rollovers)	2a(1)(C)	1185491	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		36878271
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	165156	
(F) Other	2b(1)(F)	8158498	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		8323654
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	21198094	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		21198094
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		2523536
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-171866457
c Other income	2c		592826
d Total income. Add all income amounts in column (b) and enter total	2d		-102350076
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	31908451	
(2) To insurance carriers for the provision of benefits	2e(2)	1867163	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		33775614
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		15316
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	208881	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		208881
j Total expenses. Add all expense amounts in column (b) and enter total	2j		33999811
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-136349887
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

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

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

(1) Name: **TORRILLO & ASSOCIATES, LLC**

(2) EIN: **83-0414789**

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		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan VILLANOVA UNIVERSITY RETIREMENT SAVINGS PLAN		B Three-digit plan number (PN) 002
C Plan sponsor's name as shown on line 2a of Form 5500 VILLANOVA UNIVERSITY		D Employer Identification Number (EIN) 23-1352688
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): 82-2826183		
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 _____

VILLANOVA UNIVERSITY RETIREMENT SAVINGS PLAN

**Financial Statements
As of and for the Years Ended
December 31, 2022 and 2021
And
Supplemental Schedule
As of December 31, 2022**

Villanova University Retirement Savings Plan Index

	Page(s)
Independent Auditor's Report	1 – 2
Financial Statements:	
Statements of Net Assets Available for Benefits	3
Statements of Changes in Net Assets Available for Benefits	4
Notes to Financial Statements	5 – 14
Supplemental Schedule:	
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)	S.1
• The supplemental schedule included is presented for purposes of additional analysis and is not a required part of the financial statements but is required by the Employee Retirement Income Security Act of 1974 ("ERISA"). Other schedules required by section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable.	

INDEPENDENT AUDITOR'S REPORT

To the Participants and Plan Administrator of the Villanova University Retirement Savings Plan

Opinion

We have audited the accompanying financial statements of the Villanova University Retirement Savings Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA") which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Villanova University Retirement 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 ("GAAS"). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Villanova University Retirement Savings Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Plan Management for the Financial Statements

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

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

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

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Villanova University Retirement Savings Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by Plan management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Villanova University Retirement 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 H, Line 4(i) – Schedule of Assets (Held at End of Year) as of December 31, 2022 is presented for the purpose 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 Plan 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 GAAS.

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

In our opinion, the information in the accompanying 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.

Torillo & Associates, LLC

August 29, 2023

Villanova University Retirement Savings Plan
Statements of Net Assets Available for Benefits
As of December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Assets:		
Investments, at fair value	\$ 902,458,297	\$ 1,037,791,272
Fixed annuity contracts considered fully benefit-responsive investment contracts, at contract value	13,984,514	15,151,276
Receivables:		
Employer contributions	282,614	202,089
Notes receivable from participants	3,172,575	3,103,250
Total receivables	<u>3,455,189</u>	<u>3,305,339</u>
Total assets	919,898,000	1,056,247,887
Net assets available for benefits	<u>\$ 919,898,000</u>	<u>\$ 1,056,247,887</u>

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

Villanova University Retirement Savings Plan
Statements of Changes in Net Assets Available for Benefits
For the Years Ended December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Additions (reductions):		
Net (depreciation) appreciation in fair value of investments	\$ (168,769,107)	\$ 89,023,771
Dividend and interest income	28,782,778	34,853,428
Other income	592,826	651,487
Investment (loss) income	<u>(139,393,503)</u>	<u>124,528,686</u>
Interest income on notes receivable from participants	165,156	171,240
Contributions:		
Participant	18,065,973	16,511,800
Employer	17,626,807	17,443,806
Rollover	1,185,491	5,006,617
Total contributions	<u>36,878,271</u>	<u>38,962,223</u>
Total (reductions) additions	(102,350,076)	163,662,149
Deductions:		
Benefits paid to participants	33,790,930	43,338,763
Administrative expenses	208,881	257,738
Total deductions	<u>33,999,811</u>	<u>43,596,501</u>
Net (decrease) increase	(136,349,887)	120,065,648
Net assets available for benefits – beginning of year	<u>1,056,247,887</u>	<u>936,182,239</u>
Net assets available for benefits – end of year	<u>\$ 919,898,000</u>	<u>\$ 1,056,247,887</u>

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

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

1. Description of Plan

The following description of the Villanova University Retirement Savings Plan (the “Plan”) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan’s provisions.

General

The Plan is a defined contribution plan sponsored by Villanova University (the “University”), an educational institution exempt from federal income tax under Section 501(c)(3) of the Internal Revenue Code (the “Code”). The Plan’s original effective date is October 1, 1937. The Plan covers eligible employees of the University as defined in the Plan document. Individuals classified as an independent contractor or otherwise as a person who is not treated by the University or an affiliate as an employee for purposes of withholding federal employment taxes are ineligible to participate in the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”). The assets of the Plan are maintained, and the transactions therein are executed, by the Plan custodian, the Teachers Insurance and Annuity Association – College Retirement Equities Fund (“TIAA-CREF”). The Plan was amended and restated as of January 1, 2021 (the “Restatement Date”) (See Note 9).

Eligibility

The Plan is subject to the universal availability requirements of the Treasury Regulation 1.403(b)-5(b) which permits salary deferrals from all non-excludable employees. For purposes of applying the universal availability requirement, the Plan excludes student employees, leased employees, members of the Brothers of the Order of the Hermits of St. Augustine, and those employees classified as independent contractors. Employees who were participants prior to the Restatement Date shall continue as active participants on the Restatement Date. Each other eligible employee may become a participant as soon as practicable following his Employment Commencement Date.

Each Basic Employee, as defined in the Plan document, who was a participant prior to the Restatement Date for purposes of University Contributions, as defined, shall continue as active participants on the Restatement Date. Each other Basic Employee may become a participant as of the first day of the month coincident with or immediately following the attainment of age 21 and completion of one year of service. An employee of the University (other than a Faculty Member) who is employed on a part-time basis for less than 1,000 hours of service a year is a Basic Employee only after he or she is credited with at least 1,000 hours of service during any 12 consecutive calendar month period beginning on his or her employment commencement date. Part-time faculty members who transfer to full-time status may become Basic Employees immediately if twenty-four total credit hours have been completed over the three consecutive academic years immediately preceding such change in employment status. Visiting Professors who are employed by the University for three full, consecutive academic years may become Basic Employees as of the start of the fourth academic year of employment. A rehired Basic Employee who satisfied the age and service requirements is immediately eligible to receive University Contributions upon reemployment.

Contributions

Participants may make voluntary contributions to the Plan of up to \$20,500 and \$19,500 in 2022 and 2021, respectively, by electing to reduce compensation through salary reductions in whole percentages. Participants who have fifteen years of service (“YOS”) with the employer and on average have contributed less than \$5,000 for each of their years of service are eligible to contribute up to an additional \$3,000 of elective deferrals (“15 YOS catch-up contributions”). Participants who have attained age 50 before the end of the plan year and made the maximum amount of elective deferrals for the year are eligible to make “age 50 catch-up contributions” of \$6,500 in 2022 and 2021. Participants may designate contributions as Roth contributions. Participants may also contribute amounts representing distributions from participants’ individual retirement accounts and annuities (IRAs) and other employer qualified retirement plans.

The University shall contribute for Basic Employees a matching contribution equal to the salary deferral contributions that are not in excess of 5% of the active participant’s compensation for the period. Also, the University will contribute for Basic Employees an additional basic contribution of 3-1/2% of the active participant’s compensation for the period for active participants who have less than 10 years of service or 5% of the active participant’s compensation for the

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

period for active participants who have 10 or more years of service. Basic Employees generally include certain eligible faculty members and other employees who complete more than 1,000 hours of service and generally exclude active participants in the Villanova University Retirement Income Plan and other certain ineligible faculty members. Contributions are also subject to certain limitations, as defined in the Plan document.

The University may also elect, as detailed in the Plan document, to contribute nonelective employer contributions on behalf of a participant following such participant's severance from employment.

Effective June 1, 2020 and extending through the first payroll period ending on or after May 31, 2021, the Plan was amended to temporarily reduce employer nonelective contributions to the Plan, referred to as "Basic Contributions" by 20% (see Note 9).

Effective May 31, 2021, the Plan was amended to remove the 20% reduction in Basic Contributions for payroll periods beginning on or after May 31, 2021. Also, the Plan was amended to provide for a one-time employer contribution to the Plan for certain participants who experienced a reduction in Basic Contributions due to the temporary 20% reduction that was previously implemented (see Note 9).

Investment Options

Upon enrollment in the Plan, and throughout the Plan year, participants may direct the investment of their contributions in selected registered investment companies (mutual funds), variable annuity contracts, a pooled separate account or fixed annuity contracts offered by the Plan.

Participant Accounts

Each participant's account is credited with the participant's contributions and the University's matching contribution, as well as allocations of the University's additional basic contribution, and Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the amount that can be provided from the participant's vested account.

Vesting

Participants are fully and immediately vested in their entire account plus earnings thereon.

Payment of Benefits

Generally, a participant may request a benefit distribution upon severance from employment with the timing and form of distribution subject to the terms of the funding vehicles in which the participant is invested. Participants who remain employed may also elect to receive in-service withdrawals from the Plan once they attain age 59-1/2. Benefit payments, unless elected otherwise, will be paid based upon a single life annuity if the participant is not married. A married participant will automatically receive a benefit payment in the form of a joint and survivor annuity, unless elected otherwise. Elections may be made to receive the benefit in another form, as defined by the Plan document. The Plan also sets forth rules for payment upon a participant's death.

Hardship Withdrawals

Hardship withdrawals must be approved in accordance with guidelines established by the Internal Revenue Service ("IRS"). Hardship withdrawals can be requested in any amount up to the full value of the participant's account and will be distributed in the form of a lump sum payment.

Loans to Participants

Loans to participants (also referred to as "Plan Loans" by TIAA-CREF) were made by the vendor and are collateralized by the participant's individual account balance (plan assets). The loan interest rate for these loans may be fixed or variable and the initial rate is determined by the terms of the controlling contract. Interest is paid directly to the vendor. As of December 31, 2022 and 2021, loans to participants were collateralized by \$250,631 and \$255,439, respectively, of plan assets. As of December 31, 2022, interest rates ranged from 4.07% to 6.59% with maturity dates through 2024. During 2014, with the consolidation of the custodian and recordkeeper functions, new Plan Loans ceased and only notes receivable from participants are made by the Plan.

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

Notes Receivable from Participants

Participants may borrow from their fund accounts at a maximum amount equal to the lesser of \$50,000 or 50 percent of their vested account balances. The loans are secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates as determined by the Plan administrator. Principal and interest are paid ratably through payroll deductions. Loan terms shall not extend beyond five years from the date of the loan, unless the loan is for the purchase of a participant's primary residence. Participants may only have up to two loans outstanding from the Plan at any given time.

2. Summary of Significant Accounting Policies

The following are the significant accounting policies followed by the Plan:

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

Investments held by a defined contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measure for the portion of the net assets available for benefits of a defined-contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan. The financial statements include the fully benefit-responsive investment contracts and their related activity on a contract value basis (see Note 4).

Use of Estimates

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

Investment Valuation and Income Recognition

Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's investment committee determines the Plan's valuation policies utilizing information provided by the investment advisors, custodians and insurance companies. See Note 3 for discussion of fair value measurements.

Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation or depreciation in the 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 (participant loans for Form 5500 reporting purposes) are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent participant loans are reclassified as distributions based upon the terms of the Plan document.

Payments of Benefits

Benefit payments are recorded when paid.

Administrative Expenses

All reasonable administrative expenses and custodian fees necessary to operate and administer the Plan are paid by the Plan, unless otherwise paid by the University. Administrative expenses paid by the University are excluded from these financial statements. The Plan administrator may charge a participant's account for the expense associated with a specific optional feature elected by that participant. Investment related expenses are included in net appreciation or depreciation in fair value of investments.

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

Subsequent Events

The Plan has evaluated subsequent events through August 29, 2023, the date the financial statements were available to be issued.

3. Investments and Fair Value Measurements

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

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan 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.

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

<i>Registered investment companies (including mutual funds held in the Self-Directed Account):</i>	Valued at the daily closing price as reported by the fund. Registered investment companies held by the Plan are open-end 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 shares of registered investment companies held by the Plan are deemed to be actively traded.
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<i>Variable annuities:</i>	Valued based on year-end unit values of each account, which are calculated daily. Unit values of variable annuities are quoted and are listed on the NASDAQ's website. These variable annuity accounts invest principally in equity securities, fixed-income instruments and short-term investments in accordance with each portfolio's investment objectives. The variable annuities are primarily valued using market quotations or prices obtained from independent pricing sources, which may employ various pricing methods to value the investments including matrix pricing. CREF Money Market Account holdings are generally valued at amortized cost.
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<i>Pooled separate account:</i>	Valued based on year-end unit value of the account, which is calculated daily. The unit value is used as a practical expedient to estimate fair value. The Real Estate Account generally invests in real estate properties and real estate-related investments. The Real Estate Account's value is principally derived from the market value of the underlying real estate holdings or other real estate-related investments. Real estate holdings are valued principally
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Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

Fixed annuity contracts:

using external appraisals, which are estimates of property values based on a professional's opinion. The Real Estate Account sometimes holds securities as well. These are generally priced using values obtained from independent pricing sources.

The non-fully benefit responsive fixed annuity contracts are composed entirely of TIAA Traditional Annuity contracts (see Note 4). The non-fully benefit responsive fixed annuity contracts are reported at contract value, which utilizes a cost based approach as significant inputs (observable or unobservable) are not available. The contract value of the TIAA Traditional Annuity equals the accumulated cash contributions and interest credited to the plan's contracts, less any withdrawals. The TIAA Traditional Annuity is not available for sale or transfer on any securities exchange. Accordingly, transactions in similar investment instruments are not observable. While transactions involving the purchases/sales of individual TIAA Traditional Annuity contracts are not observable in a public marketplace, contract value provides a good approximation of fair value as supported by the following:

New contributions represent current transactions between willing buyers and sellers. Participants have the option to allocate their contributions between the TIAA Traditional Annuity and a number of investment choices for which fair values are readily observable. Participants typically allocate contributions between several investment choices and all transactions are executed at current market value with the assumption being that objective, unbiased transactions regularly occur and participants deem the value of the TIAA Traditional Annuity contract to be no less than the participant's accumulation balance and that each investment purchase is made at fair value since these purchases are not distressed and are conducted between willing buyers and sellers in open market conditions where a participant has a variety of investment choices. When participants change employers, they oftentimes enroll in a new plan with very similar investment options, including the TIAA Traditional Annuity. Because these transactions continue to occur with continued participant contributions at current stated contract values, the market-observable presumption is that the contract value of current funding represents a good approximation of fair value based on the willingness of the participant to continue to contribute. For each contribution, TIAA continues to record a contractual liability for the current contribution and does not consider such liability to have any embedded gain or loss. Upon a distributable event, the participant surrenders the future accumulation benefits in exchange for a cash payout based on the contract value, demonstrating the contract value can be monetized when a distributable event occurs. The crediting rate is supported by the investment performance of a large, diversified portfolio (TIAA's General Account), is correlated with the highest quality debt security yields, and is adjusted for contract liquidity. A twenty-year analysis of crediting rates for TIAA Traditional Annuity contracts suggests a rate of return that is representative of a market rate for this type product; thus application of observed rates would yield a discounted cash flow which approximates contract value. As of December 31, 2022, TIAA has received among the highest possible insurance financial strength ratings for claims paying ability by three of the four major rating agencies.

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

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2022:

	<u>Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Investments, at fair value:				
Registered investment companies	\$ 465,251,074	\$ 465,251,074	\$ -	\$ -
Fixed annuity contracts	187,425,284	-	-	187,425,284
Variable annuities	215,392,467	215,392,467	-	-
Pooled separate account (*)	34,389,472	-	-	-
Total	<u>\$ 902,458,297</u>	<u>\$ 680,643,541</u>	<u>\$ -</u>	<u>\$ 187,425,284</u>

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

	<u>Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Investments, at fair value:				
Registered investment companies	\$ 547,319,551	\$ 547,319,551	\$ -	\$ -
Fixed annuity contracts	180,837,314	-	-	180,837,314
Variable annuities	279,370,220	279,370,220	-	-
Pooled separate account (*)	30,264,187	-	-	-
Total	<u>\$ 1,037,791,272</u>	<u>\$ 826,689,771</u>	<u>\$ -</u>	<u>\$ 180,837,314</u>

*In accordance with fair value measurement guidance, certain investments that are measured at fair value using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented as investments in the statements of net assets available for benefits.

The Plan evaluates the significance of transfers between levels based upon the nature of the financial instrument and size of the transfer relative to total net assets available for benefits. For the years ended December 31, 2022 and 2021, there were no transfers in or out of levels 1, 2, or 3.

College Retirement Equities Fund ("CREF") is registered with the Securities and Exchange Commission under the Investment Company Act of 1940 as an open-end management investment company. It consists of eight investment portfolios: the Stock, Global Equities, Growth, Equity Index, Core Bond, Inflation-Linked Bond, Social Choice and Money Market Accounts. These are variable annuities. Accumulation units in these variable annuities are available for transactions at the closing accumulation unit value on any day the New York Stock Exchange is open for business. In an effort to reduce market timing and excessive trading, shareholders will not be permitted to make electronic transfers back into the same account through a purchase or exchange for 90 calendar days, if a sale/exchange, repurchase, and resale/exchange within that account is made within a 60-day period, other than for the CREF Money Market Account.

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

The table below sets forth a summary of changes in the fair value of the Plan's level 3 assets for the years ended December 31, 2022 and 2021:

	Fixed Annuity Contracts
Balance, beginning of year 2021	\$ 175,820,498
Realized gains/(losses)	-
Unrealized gains/(losses) relating to instruments still held at the reporting date	-
Purchases	25,807,143
Sales	(20,790,327)
Balance, end of year 2021	<u>\$ 180,837,314</u>
Realized gains/(losses)	-
Unrealized gains/(losses) relating to instruments still held at the reporting date	-
Purchases	19,631,361
Sales	(13,043,391)
Balance, end of year 2022	<u>\$ 187,425,284</u>

Gains and losses (realized and unrealized) included in changes in net assets for the periods above are reported in the net appreciation or depreciation in fair value of investments in the statements of changes in net assets available for benefits.

For those assets with fair value measured using Level 3 inputs, the Plan's investment committee determines the fair value measurement policies and procedures in consultation with investment advisors, custodians and insurance companies (subject to oversight by the University's audit and risk committee). Those policies and procedures are reassessed at least annually to determine if the current valuation techniques are still appropriate. At that time, the unobservable inputs used in the fair value measurements, if any, are evaluated and adjusted, as necessary, based on current market conditions and other third-party information.

As discussed in Note 4, Plan participants may elect to invest in the TIAA Traditional Annuity, a fixed annuity contract that is fully and unconditionally guaranteed by Teachers Insurance and Annuity Association of America ("TIAA"). Certain contract types of the TIAA Traditional Annuity contain liquidity restrictions on the redemption of TIAA Traditional Annuity accumulations, which could impact the value realized upon exiting the contract. In particular, the TIAA Traditional Annuity Retirement Annuities ("RA") contracts do not allow lump-sum cash withdrawals and transfers must be spread out over a minimum of ten annual installments. TIAA Traditional Annuity Group Retirement Annuities ("GRA") contracts allow lump-sum cash withdrawals within 120 days following termination subject to a 2.5% surrender charge and transfers must be spread out over a minimum of ten annual installments (5 annual installments following termination). TIAA Traditional Annuity Retirement Choice ("RC") contracts allow lump-sum cash withdrawals within 120 days following termination subject to a 2.5% surrender charge and transfers must be spread out over 84 monthly installments. TIAA Traditional Annuity holdings with liquid contracts, including the TIAA Traditional Annuity Group Supplemental Retirement Annuities ("SRA") are benefit responsive. TIAA Traditional Annuity holdings with illiquid contracts (RA, GRA and RC) are not considered to be fully benefit-responsive investment contracts because the liquidity restrictions restrict participants' reasonable access to their contract balances. As of December 31, 2022 and 2021, the Plan had approximately \$187,425,284 and \$180,837,314, respectively, in illiquid contracts.

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

The following table sets forth additional disclosures for the fair value measurement of investments in certain entities that calculate net asset value per share (or its equivalent) as of December 31, 2022 and 2021.

<u>December 31, 2022</u>				
<u>Investment Type</u>	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Pooled separate account	\$ 34,389,472	-	Quarterly	Daily

<u>December 31, 2021</u>				
<u>Investment Type</u>	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Pooled separate account	\$ 30,264,187	-	Quarterly	Daily

The TIAA Real Estate Account is an insurance company separate account of TIAA investing mainly in real estate and real estate related investments. The investment objective is to seek favorable total returns primarily through rental income and appreciation of a diversified portfolio of directly held, private real estate investments and real estate-related investments while offering investors guaranteed liquidity. Accumulation units in the TIAA Real Estate Account are available for transactions at the closing accumulation unit value on any day the New York Stock Exchange is open for business. Transfers out of the TIAA Real Estate Account are limited to one per calendar quarter. Although the underlying assets cannot be quickly sold and converted to liquid assets, the TIAA general account provides the TIAA Real Estate Account with a liquidity guarantee to ensure that the TIAA Real Estate Account has funds available to meet participant redemption, transfer or cash withdrawal requests executed at quoted unit values.

4. Fixed Annuity Contracts

As discussed in Note 3, Plan participants may elect to invest in the TIAA Traditional Annuity, a fixed annuity contract that is fully and unconditionally guaranteed by Teachers Insurance and Annuity Association of America ("TIAA"). Earnings, i.e. interest, on the TIAA Traditional Annuity are based on the "vintage" approach with each "vintage" being a grouping of contributions into contiguous time periods and is used for the purposes of applying discretionary interest to participants on an equitable basis. During the accumulation phase, the TIAA Traditional Annuity provides a guarantee of principal, a guaranteed minimum rate of interest (3.00% at December 31, 2022 and 2021), and the potential for additional interest, if declared by TIAA. Additional interest, when declared, remains in effect for the declaration year, which begins March 1. Additional interest is not guaranteed for future years. For the TIAA Traditional Annuity Group Retirement Annuities ("GRA") contracts the crediting rates for the years ended December 31, 2022 and 2021 were approximately 3.93% and 3.34%, respectively, while the TIAA Traditional Annuity Group Supplemental Retirement Annuities ("SRA") contracts had crediting rates of approximately 3.27% and 3.02% during the years ended December 31, 2022 and 2021, respectively. The Plan also uses the TIAA Traditional Retirement Choice Annuities ("RC") contracts, which had a crediting rate of 4.17% and 3.55% for the years ended December 31, 2022 and 2021, respectively. When the accumulation in TIAA Traditional Annuity is converted to an annuity based on life expectancy, the present value of the stream of payments is equal to the accumulation.

SRA contracts meet the fully benefit-responsive investment contract criteria and therefore are reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value represents contributions made under each contract, plus earnings less participant withdrawals, and administrative expenses. There are not any specific securities in the general account that back the liabilities of this annuity contract. The contract issuer is contractually obligated to repay the principal and interest at a specified rate that is guaranteed to the Plan. There are no reserves against the fixed annuity contract values for credit risk of the contract issuer or otherwise. The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments. The Plan's

Villanova University Retirement Savings Plan
Notes to Financial Statements
As of and for the Years Ended December 31, 2022 and 2021

management does not believe that the occurrence of an event which would limit the Plan's ability to transact at contract value with the contract issuer and that would also limit the ability of the Plan to transact with the participants is probable. As of December 31, 2022 and 2021, the Plan had approximately \$13,984,514 and \$15,151,276, respectively, in liquid contracts which it considered fully benefit-responsive.

5. Risks and Uncertainties

The Plan provides for various investment options to its participants. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investments securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

6. Related-Party and Party in Interest Transactions

Certain Plan investments are shares of registered investment companies managed by TIAA-CREF. Additionally, TIAA-CREF manages the annuity contracts, certain variable annuities and an insurance company separate account for the Plan. TIAA-CREF serves as custodian of the Plan (see Note 1), and, therefore, these transactions qualify as party-in-interest transactions, which are exempt from the prohibited transactions rules of ERISA. Additionally, for participants who have elected to take a participant loan, the loans are secured by the respective participant's account balance. Investment related expenses are included in net appreciation or depreciation in fair value of investments, as these types of expenses are not made through direct payment. Direct expenses paid by the Plan totaled \$208,881 and \$257,738 for the years ended December 31, 2022 and 2021, respectively.

Certain other investment management and plan administration fees of the Plan and its participants are partially offset through income generated from revenue sharing agreements. More specifically, TIAA-CREF provides certain administrative services to the Plan. TIAA-CREF may receive revenue from mutual funds, variable annuities and pooled separate accounts service providers for services TIAA-CREF provides to the funds, annuities and accounts. This revenue may be used to offset certain amounts owed to TIAA-CREF for its administrative services to the Plan. If the revenue received by TIAA-CREF from such mutual funds, variable annuities or pooled separate accounts service providers exceeds the amount owed as agreed to by TIAA-CREF and the Plan for administrative services, TIAA-CREF is to remit the excess to the Plan. Such amounts may be applied to pay Plan administrative expenses or allocated to the accounts of the participants. During the years ended December 31, 2022 and 2021, the related amounts deposited into the Plan were approximately \$592,826 and \$651,487, respectively. During the years ended December 31, 2022 and 2021, the amounts allocated to participants were approximately \$593,020 and \$653,547, respectively. As of December 31, 2022 and 2021, the balance available approximated \$35 and \$157, respectively. The Plan or the University may make a payment to TIAA-CREF for administrative expenses not covered by revenue sharing.

7. Plan Termination

Although it has not expressed any intent to do so, the University has the right under the Plan to discontinue contributions at any time and to terminate the Plan subject to the provisions of ERISA. If the Plan is terminated or upon complete discontinuance of contributions, the rights of the participants in the Plan at the date of termination or discontinuance shall be nonforfeitable.

8. Tax Status

The Plan has been designed to qualify under Section 403(b) of the Code. The Plan is required to operate in conformity with the Code to maintain the tax-exempt status for plan participants under Section 403(b). For individually designed plans under Section 403(b), in accordance with Revenue Procedure 2022-40, beginning June 1, 2023, 403(b) retirement plan sponsors may submit determination letter applications to the IRS for all initial individually designed retirement plans based on the sponsor's Employer Identification Number. The University is evaluating whether they will submit a

Villanova University Retirement Savings Plan
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determination letter application to the IRS. However, the Plan administrator believes that the Plan has been designed and is currently being operated in compliance with the applicable requirements of the Code.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes it is no longer subject to income tax examinations for years prior to 2019.

9. Plan Amendments

Effective June 1, 2020 and extending through the first payroll period ending on or after May 31, 2021, the Plan was amended to temporarily reduce employer nonelective contributions to the Plan, referred to as “Basic Contributions” by 20%.

Effective May 31, 2021, the Plan was amended to remove the 20% reduction in Basic Contributions for payroll periods beginning on or after May 31, 2021. Also, the Plan was amended to provide for a one-time employer contribution to the Plan for certain participants who experienced a reduction in Basic Contributions due to the temporary 20% reduction that was previously implemented.

Effective January 1, 2021, the Plan was amended and restated in order to:

- Incorporate prior amendments to the Plan;
- Reflect new IRS regulations regarding hardship withdrawals;
- Reflect changes made by the SECURE Act, CARES Act, and related applicable guidance; and
- Make other general administrative changes to the Plan.

SUPPLEMENTAL SCHEDULE

Villanova University Retirement Savings Plan
Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year)
As of December 31, 2022

EIN: 23-1352688 Plan #002

(a)	(b)	(c)	(d)	(e)
	<u>Identity of Issue, Borrower, Lessor or Similar Party</u>	<u>Description of Investment</u>	<u>Cost</u>	<u>Current Value</u>
Registered Investment Companies (Mutual Funds)				
	Vanguard	Dividend Growth Fund	**	\$ 10,471,747
	Vanguard	Emerging Markets Stock Index Fund	**	6,125,151
	Vanguard	Explorer Fund	**	14,960,981
	Vanguard	Extended Market Index Fund	**	14,659,434
	Vanguard	Federal Money Market Fund	**	15,835,542
	Vanguard	FTSE Social Index Fund	**	1,924,009
	Vanguard	Global Equity Fund	**	11,528,742
	Vanguard	GNMA Fund	**	2,773,492
	Vanguard	High-Yield Corporate Fund	**	5,630,674
	Vanguard	Inflation-Protected Securities Fund	**	6,757,374
	Vanguard	Institutional Index Fund	**	43,412,964
	Vanguard	International Growth Fund	**	10,259,795
	Vanguard	International Value Fund	**	3,691,089
	Vanguard	Long-Term Investment Grade Fund	**	2,945,053
	Vanguard	PRIMECAP Fund	**	24,156,388
	Vanguard	Real Estate Index Fund	**	6,132,495
	Vanguard	STAR Fund	**	5,367,180
	Vanguard	Selected Value Fund	**	5,461,000
	Vanguard	Short-Term Investment-Grade Fund	**	5,597,726
	Vanguard	Target Retirement 2020 Fund	**	6,905,511
	Vanguard	Target Retirement 2025 Fund	**	15,119,998
	Vanguard	Target Retirement 2030 Fund	**	11,000,109
	Vanguard	Target Retirement 2035 Fund	**	18,224,510
	Vanguard	Target Retirement 2040 Fund	**	17,446,870
	Vanguard	Target Retirement 2045 Fund	**	18,529,605
	Vanguard	Target Retirement 2050 Fund	**	14,046,077
	Vanguard	Target Retirement 2055 Fund	**	7,555,551
	Vanguard	Target Retirement 2060 Fund	**	1,774,683
	Vanguard	Target Retirement 2065 Fund	**	145,994
	Vanguard	Target Retirement Income Fund	**	6,687,529
	Vanguard	Total Bond Market Index Fund	**	11,158,943
	Vanguard	Total International Stock Index Fund	**	18,177,097
	Vanguard	Total Stock Market Index Fund	**	31,328,555
	Vanguard	U.S. Growth Fund	**	17,006,976
	Vanguard	Wellesley Income Fund	**	9,853,905
	Vanguard	Wellington Fund	**	21,238,501
	Vanguard	Windsor II Fund	**	36,416,553
	BlackRock	Mid Cap Growth Equity Fund	**	841,792
	Goldman Sachs	Small Cap Value Fund	**	273,500
	*TIAA-CREF	Self Directed Account	**	3,827,979
	Total Registered Investment Companies (Mutual Funds)			465,251,074
Variable Annuities				
	*CREF	Stock	**	103,805,604
	*CREF	Money Market	**	7,091,586
	*CREF	Social Choice	**	21,803,789
	*CREF	Core Bond	**	14,739,251
	*CREF	Global Equities	**	24,727,160
	*CREF	Growth	**	24,042,191
	*CREF	Equity Index	**	13,740,888
	*CREF	Inflation-Linked Bond	**	5,441,998
	Total Variable Annuities			215,392,467
	*TIAA	Pooled Separate Account	Real Estate	** 34,389,472
Fixed Annuity Contracts				
	*TIAA	Traditional Annuity Contracts - non-fully benefit responsive		** 187,425,284
	*TIAA	Traditional Annuity Contracts - fully benefit responsive		** 13,984,514
				201,409,798
	*Participant Loans	Loans with interest rates from 4.25% to 8.50%, maturing through 2032		- 3,172,575
	Total			\$ 919,615,386

* Denotes party-in-interest

** "Cost" is not required, as investment is participant-directed

Plan Name	Villanova University Retirement Savings Plan
Plan Sponsor EIN	23-1352688
ERISA Plan #	002
Plan Year Ending	December 31, 2022

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	

Plan Name	Villanova University Retirement Savings Plan
Plan Sponsor EIN	23-1352688
ERISA Plan #	002
Plan Year Ending	December 31, 2022

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5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	