Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2022

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [X] 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:
- [X] 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
PAPA JOHN'S INTERNATIONAL, INC. 401(K) PLAN

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 10/01/1995

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
PAPA JOHN'S INTERNATIONAL, INC.

788 CIRCLE 75 PKWY SE
STE 1000
ATLANTA, GA 30339-4455

2b Employer Identification Number (EIN)
61-1203323

2c Plan Sponsor's telephone number
866-251-0193

2d Business code (see instructions)
445299

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.	06/27/2024	SCOTT HAMPTON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	06/27/2024	SCOTT HAMPTON
	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 [X] 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:	**4b**	EIN
a	Sponsor's name	**4d**	PN
c	Plan Name		
5	Total number of participants at the beginning of the plan year	**5**	9098
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)**	8334
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	7470
b	Retired or separated participants receiving benefits	**6b**	0
c	Other retired or separated participants entitled to future benefits	**6c**	672
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	8142
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	7
f	Total. Add lines **6d** and **6e**.	**6f**	8149
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	1873
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:

2E 2F 2G 2J 2K 2T 3D 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)		**9b** Plan benefit arrangement (check all that apply)	
(1) [X]	Insurance	**(1)** [X]	Insurance
(2) [ ]	Code section 412(e)(3) insurance contracts	**(2)** [ ]	Code section 412(e)(3) insurance contracts
(3) [X]	Trust	**(3)** [X]	Trust
(4) [ ]	General assets of the sponsor	**(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)** [X] **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)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [X] 1 **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [X] **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

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

A Name of plan
PAPA JOHN'S INTERNATIONAL, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PAPA JOHN'S INTERNATIONAL, INC.

D Employer Identification Number (EIN)
61-1203323

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

1 Coverage Information:

(a) Name of insurance carrier
PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	518750	8149	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.

(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

(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	0
5	Current value of plan's interest under this contract in separate accounts at year end	5	15795946

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	
c	Additions: (1) Contributions deposited during the year	7c(1)			
	(2) Dividends and credits	7c(2)			
	(3) Interest credited during the year	7c(3)			
	(4) Transferred from separate account	7c(4)			
	(5) Other (specify below) ▶	7c(5)			
	(6) Total additions			7c(6)	
d	Total of balance and additions (add lines **7b** and **7c(6)**)			7d	
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)			
	(2) Administration charge made by carrier	7e(2)			
	(3) Transferred to separate account	7e(3)			
	(4) Other (specify below) ▶	7e(4)			
	(5) Total deductions			7e(5)	
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	0

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.			**10b**	

Specify nature of costs.

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)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**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	**B** Three-digit plan number (PN) ▶
PAPA JOHN'S INTERNATIONAL, INC. 401(K) PLAN	001

C Plan sponsor's name as shown on line 2a of Form 5500	**D** Employer Identification Number (EIN)
PAPA JOHN'S INTERNATIONAL, INC.	61-1203323

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(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

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)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(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?
13 37 50 64	CONTRACT ADMINISTRATOR	323234	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

LPL FINANCIAL LLC - RPCP

04-3046611

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 99	INVESTMENT ADVISORY	0	Yes [X] No [ ]	Yes [ ] No [X]	40000	Yes [ ] No [X]

(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
LPL FINANCIAL LLC - RPCP	27 99	40000

(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.
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	INVESTMENT ADVISORY (PLAN)

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

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

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

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

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2022

This Form is Open to Public Inspection.

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

A Name of plan
PAPA JOHN'S INTERNATIONAL, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
PAPA JOHN'S INTERNATIONAL, INC.

D Employer Identification Number (EIN)
61-1203323

Part I **Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)**
(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE:	PRIN DIVERSIFIED INTL SA-Z		
b Name of sponsor of entity listed in (a):	PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN	42-0127290-015	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1760032		
a Name of MTIA, CCT, PSA, or 103-12 IE:	PRIN SMCAP S&P 600 INDEX SA-Z		
b Name of sponsor of entity listed in (a):	PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN	42-0127290-028	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	891103		
a Name of MTIA, CCT, PSA, or 103-12 IE:	PRIN MIDCAP S&P 400 IDX SA-Z		
b Name of sponsor of entity listed in (a):	PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN	42-0127290-023	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1441925		
a Name of MTIA, CCT, PSA, or 103-12 IE:	PRIN LARGECAP GROWTH I SA-Z		
b Name of sponsor of entity listed in (a):	PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN	42-0127290-066	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	4765230		
a Name of MTIA, CCT, PSA, or 103-12 IE:	PRIN CAPITAL APPR SA-Z		
b Name of sponsor of entity listed in (a):	PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN	42-0127290-119	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	6937655		
a Name of MTIA, CCT, PSA, or 103-12 IE:	PRINCIPAL STABLE VALUE Z FUND		
b Name of sponsor of entity listed in (a):	PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN	93-6274328-001	**d** Entity code	C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	4227349		
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 plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2022

This Form is Open to Public Inspection

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

A Name of plan
PAPA JOHN'S INTERNATIONAL, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PAPA JOHN'S INTERNATIONAL, INC.

D Employer Identification Number (EIN)
61-1203323

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)	2298333	4664443
(2) Participant contributions	1b(2)	1566	136801
(3) Other	1b(3)	443	426
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)	1882141	2214690
(9) Value of interest in common/collective trusts	1c(9)	3431540	4227349
(10) Value of interest in pooled separate accounts	1c(10)	24873851	15795946
(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)	61104918	51960628
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities	1d(1)	6350598	3533052
(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	99943390	82533335
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 through1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	99943390	82533335

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)	4664443	
(B) Participants	2a(1)(B)	8761073	
(C) Others (including rollovers)	2a(1)(C)	1505186	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		14930702
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)	98190	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		98190
(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	71423	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1118242	
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		1189665
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	815570	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	1257036	
(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		-441466
(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	-2008209	
(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		-2008209

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		75558
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-5417849
(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)		-12041868
c Other income	2c		2179
d Total income. Add all **income** amounts in column (b) and enter total	2d		-3613098
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	13412736	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)	42700	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		13455436
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		18287
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	323234	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		323234
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		13796957
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-17410055
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) [X] 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)** [X] 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: MCM CPAS AND ADVISORS LLP **(2)** EIN: 27-1235638

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:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a	X		380724

		Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		5000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			

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
PAPA JOHN'S INTERNATIONAL, INC. 401(K) PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
PAPA JOHN'S INTERNATIONAL, INC.

D Employer Identification Number (EIN)
61-1203323

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): 42-0127290

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

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

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

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 **a** Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 **a** Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	**14a**	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14b**	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) 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_____

Report of Independent Registered Public Accounting Firm

To the Plan Participants and Plan Administrator
Papa John's International, Inc. 401(k) Plan

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of the Papa John's International, Inc. 401(k) Plan (the "Plan") as of December 31, 2022 and 2021, the related statements of changes in net assets available for benefits for the years then ended, and the related notes (collectively, the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Supplemental Information

The supplemental information in the accompanying Schedule of Assets (Held at End of Year) as of December 31, 2022, and Schedule of Delinquent Participant Contributions for the year ended December 31, 2022, have been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

MCM CPAs & Advisors LLP

Louisville, Kentucky
June 29, 2023
We have served as the auditor of the Plan since 2006.

Independent Auditor's Report (Continued)

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 Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

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

Other Matter - Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements taken as a whole. The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2022 and Schedule of Delinquent Participant Contributions for the year ended December 31, 2022, are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, including their form and content, are 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 schedules are fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

MCM CPAs & Advisors LLP

Louisville, Kentucky
June 29, 2023

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SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

P J' I, I. 401() P

EIN 61 1203323
PLAN NUMBER 001
PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	BlackRock	Registered Investment Company iShares MSCI EAFE Int Idx K Fd	$ 0.00	$ 295,952.43
	BlackRock	Registered Investment Company iShares S&P 500 Index K Fund	$ 0.00	$ 3,632,084.50
	BlackRock	Registered Investment Company iShs US Agg Bond Index K Fund	$ 0.00	$ 321,540.33
	American Century Investments	Registered Investment Company American Centur Mid-Cap Val R6	$ 0.00	$ 957,426.56
	The American Funds	Registered Investment Company AMERICAN FDS US GOVT SEC R6 FD	$ 0.00	$ 194,029.68
	BlackRock	Registered Investment Company BlackRock High Yld Bond K Fund	$ 0.00	$ 1,388,473.75
	BlackRock	Registered Investment Company BlackRock Md-Cp Gr Eq K Fd	$ 0.00	$ 2,451,066.27
	Dimensional Fund Advisors	Registered Investment Company DFA Infl Protected Sec I Fund	$ 0.00	$ 294,949.60
*	Papa John’s International Inc.	Employer Security Papa John’s Int’l Inc.	$ 0.00	$ 3,533,051.81
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Capital Appr SA-Z	$ 0.00	$ 6,937,655.47
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Diversified Intl SA-Z	$ 0.00	$ 1,760,032.04
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LargeCap Growth I SA-Z	$ 0.00	$ 4,765,230.33
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap S&P 400 Idx SA-Z	$ 0.00	$ 1,441,925.37
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmCap S&P 600 Index SA-Z	$ 0.00	$ 891,103.26
*	Principal Global Investors Trust Co	Common/Collective Trust Principal Stable Value Z Fund	$ 0.00	$ 4,227,349.00

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

P J' I, I. 401() P

EIN 61 1203323
PLAN NUMBER 001
PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	PIMCO Funds	Registered Investment Company PIMCO Total Return Instl Fund	$ 0.00	$ 585,629.59
	Vanguard Group	Registered Investment Company Vanguard Emg Mk Stk Idx Adm Fd	$ 0.00	$ 760,597.20
	Vanguard Group	Registered Investment Company Vanguard Equity-Inc Adm Fund	$ 0.00	$ 1,624,855.40
	Vanguard Group	Registered Investment Company Vanguard Sm Cap Gr Idx Adm Fd	$ 0.00	$ 1,046,578.74
	Vanguard Group	Registered Investment Company Vanguard Sm Cap Val Idx Adm Fd	$ 0.00	$ 1,161,165.15
	Vanguard Group	Registered Investment Company Vanguard Tgt Rmt 2040 Inv Fund	$ 0.00	$ 12,019,201.34
	Vanguard Group	Registered Investment Company VANGUARD FTSE SOC IDX ADM FD	$ 0.00	$ 61,390.10
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT INC INV FUND	$ 0.00	$ 145,115.37
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2020 INV FUND	$ 0.00	$ 1,970,458.61
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2025 INV FUND	$ 0.00	$ 414,872.84
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2030 INV FUND	$ 0.00	$ 9,335,913.22
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2035 INV FUND	$ 0.00	$ 1,411,135.70
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2045 INV FUND	$ 0.00	$ 1,058,901.83
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2050 INV FUND	$ 0.00	$ 6,658,881.43
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2055 INV FUND	$ 0.00	$ 1,212,164.27

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

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SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

P J' I, I. 401() P

EIN 61 1203323
PLAN NUMBER 001
PLAN YEAR 01/01/2022 TO 12/31/2022

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2060 INV FUND	$ 0.00	$ 2,725,103.59
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2065 INV FUND	$ 0.00	$ 196,095.01
	Vanguard Group	Registered Investment Company VANGUARD TGT RMT 2070 INV FUND	$ 0.00	$ 37,045.87
*	Participant Loans	Range of Interest Rates Rates Range From 4.25% To 8.50%	$ 0.00	$ 2,214,690.00

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 11-K

(Mark One)

[X] Annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934
For the fiscal year ended December 31, 2022

OR

[ ] Transition report pursuant to Section 15(d) of the Securities Exchange Act of 1934
For the transition period from _____ to _____

Commission File Number: 0-21660

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

PAPA JOHN'S INTERNATIONAL, INC. 401(k) PLAN

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

PAPA JOHN'S INTERNATIONAL, INC.
2002 Papa John's Boulevard
Louisville, Kentucky 40299-2367
(502) 261-7272

Papa John's International, Inc. 401(k) Plan

Financial Statements and Supplemental Schedules

Years ended December 31, 2022 and 2021

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Report of Independent Registered Public Accounting Firm

To the Plan Participants and Plan Administrator
Papa John's International, Inc. 401(k) Plan

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of the Papa John's International, Inc. 401(k) Plan (the "Plan") as of December 31, 2022 and 2021, the related statements of changes in net assets available for benefits for the years then ended, and the related notes (collectively, the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Supplemental Information

The supplemental information in the accompanying Schedule of Assets (Held at End of Year) as of December 31, 2022, and Schedule of Delinquent Participant Contributions for the year ended December 31, 2022, have been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ MCM CPAs & Advisors LLP

Louisville, Kentucky

June 29, 2023

We have served as the auditor of the Plan since 2006.

Papa John's International, Inc. 401(k) Plan
Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	2022	2021
Assets		
Cash	$ 426	$ 443
Investments at fair value:		
Papa John's International, Inc. common stock	3,533,052	6,350,598
Mutual funds	51,960,628	61,104,918
Pooled separate accounts	15,795,946	24,873,851
Collective trust fund	4,227,349	3,431,540
Total investments	75,516,975	95,760,907
Receivables:		
Contributions receivable from participants	136,801	1,566
Contributions receivable from employer	4,664,443	2,298,333
Notes receivable from participants	2,214,690	1,882,141
Total receivables	7,015,934	4,182,040
Net assets available for benefits	$ 82,533,335	$ 99,943,390

See accompanying notes.

Papa John's International, Inc. 401(k) Plan
Statements of Changes in Net Assets Available for Benefits
Years ended December 31, 2022 and 2021

	2022	2021
Additions (deductions):		
Investment income (loss):		
Net (depreciation) appreciation in fair value of investments	$ (19,833,833)	$ 14,085,951
Interest and dividend income	1,290,033	1,150,001
Total investment income (loss)	(18,543,800)	15,235,952
Contributions:		
Participant	8,761,073	5,627,031
Rollover	1,505,186	1,895,242
Employer	4,664,443	2,298,346
Total contributions	14,930,702	9,820,619
Benefits paid to participants	(13,473,723)	(11,201,942)
Administrative fees	(323,234)	(289,414)
Net increase (decrease)	(17,410,055)	13,565,215
Net assets available for benefits at beginning of year	99,943,390	86,378,175
Net assets available for benefits at end of year	$ 82,533,335	$ 99,943,390

See accompanying notes.

Papa John's International, Inc. 401(k) Plan
Notes to Financial Statements
December 31, 2022 and 2021

1. Description of Plan

The following description of the Papa John's International, Inc. 401(k) Plan (the "Plan") provides general information. Participants should refer to the Summary Plan Description for a more complete description of the Plan's provisions.

General

Papa John's International, Inc. (the "Company") established the Plan on October 1, 1995. The Plan is a defined contribution plan available to all eligible employees of the Company and its subsidiaries who have attained the age of 21 and have completed three months of service as defined by the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). Although it has not expressed any intent to do so, the Company has the right under the Plan to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their accounts.

Plan Amendments

On November 8, 2021, the Company amended the plan to adopt a safe harbor matching formula of 100% of the first 4% of eligible earnings deferred effective January 1, 2022. As of that date the amendment also eliminated the vesting schedule for current and future eligible employees, removed the requirement to have worked 1,000 hours and be employed on the last day of the Plan year to receive employer contributions, and removed the restriction on highly compensated employees from deferring contributions to the Plan. Employer contributions are no longer discretionary; however, the Company has the ability to provide additional contributions in excess of the matching contribution outlined in the Plan if it so chooses.

Contributions

Participants may voluntarily elect to contribute from 1 to 75 percent of annual eligible wages to their accounts within the Plan, subject to Internal Revenue Code ("IRC") limits. The Company makes matching contributions to the Plan. For the 2022 Plan year, the Company contributed, to participants who were active participants at any time during the payroll period, a matching amount equal to 100% of the first 4% of pay for a participants' compensation, as defined in the Plan, up to the maximum deferrable amount allowed by the IRC. For the 2021 Plan year, the Company contributed, to participants who completed 1,000 hours of service and were actively employed on the last day of the 2021 Plan year, a matching amount equal to 67 cents for every dollar contributed by the participants up to a maximum of the first six percent of the participants' eligible compensation contributed to the Plan. Participants who die, retire, or are disabled during the Plan year also receive Company matching contributions.

Participant Accounts

Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contributions and Company matching contributions, as well as allocations of the Company's contributions and Plan earnings. All contributions are allocated at the direction of the participant among selected investment funds. Each fund's investment income or loss, less any investment management fee, is allocated to participants' accounts based on their proportionate interest in the fund. The value of participant accounts will fluctuate with the market value of the securities in which the accounts are invested.

Vesting

Participant contributions and the earnings on those contributions are immediately vested to the participant. Company contributions are fully vested upon receipt. Prior to the 2022 Plan Year, Company discretionary contributions and related earnings would vest subject to a five-year graded vesting schedule based on years of vesting service. To receive vesting service for a Plan year, a participant must have completed at least 1,000 hours of service during the Plan year.

Distributions and Payment of Benefits

Vested account balances are payable upon retirement, death or disability, or termination of employment. In-service distributions are also permitted upon meeting certain requirements as defined by the Plan.

Notes Receivable from Participants

Eligible participants may borrow from their accounts a minimum loan amount of $1,000 up to a maximum equal to the lesser of $50,000 or 50% of their vested account balance. Loans are secured by the balances in the participants' accounts and are interest bearing at the prime rate plus one percentage point at the time of the loans. The loans are measured at their unpaid principal balance plus any accrued but unpaid interest.

Forfeitures

Forfeited balances of terminated participants' non-vested accounts are used to reduce future Company contributions. Forfeitures of approximately $60,000 were used to reduce the amount of the employer matching contributions receivable as of December 31, 2021. There were no forfeitures that reduced the employer matching contributions receivable in 2022. Forfeited amounts approximated $20,000 and $70,000 at December 31, 2022 and 2021, respectively.

Administrative Expenses

Administrative expenses of the Plan are paid by the Company or Plan participants, as provided by the Plan.

2. Significant Accounting Policies

Basis of Accounting

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

Contributions

Contributions from participants are recorded when the Company makes payroll deductions. Employer contributions are funded and recorded annually. Contributions receivable represent amounts not yet deposited into the participants' individual accounts.

Valuation of Investments and Income Recognition

The Plan's investments are stated at fair value (see Note 3. Fair Value Measurements). 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. Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

The Plan presents in the accompanying Statements of Changes in Net Assets Available for Benefits the net appreciation (depreciation) in the fair value of its investments which consists of the realized gains or losses and the unrealized appreciation (depreciation) on those investments.

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

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued and unpaid interest. No allowance for credit losses has been recorded as of December 31, 2022 and 2021. If a participant ceases to make loan repayments and the Plan administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires the Plan's management ("Plan Management") to make estimates and assumptions that affect the amounts reported in these financial statements and accompanying notes. Actual results could differ from those estimates.

3. Fair Value Measurements

The Financial Accounting Standards Board Accounting Standards Codification establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three-tier fair value hierarchy includes the following categories:

- Level 1: Quoted market prices in active markets for identical assets or liabilities. An active market for the asset or liability is a market in which the transaction for the asset or liability occurs with sufficient frequency and volume to provide pricing information on an ongoing basis.
- Level 2: Observable market-based inputs or unobservable inputs that are corroborated by market data, such as quoted prices for similar assets or liabilities or model-derived valuations.
- Level 3: Unobservable inputs that are not corroborated by market data. These inputs reflect a company's own assumptions about the assumptions a market participant would use in pricing the asset or liability.

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

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

Papa John's International, Inc. common stock:

Papa John's International, Inc. common stock is traded on The NASDAQ Global Select Market tier of The NASDAQ Stock Market under the symbol PZZA. The common stock is valued at its quoted market price at the daily close of NASDAQ on the last business day of the Plan year and is classified as a Level 1 investment.

Mutual funds:

Mutual funds are valued at quoted market prices in an exchange and active market. These investments are classified as Level 1 investments.

Pooled separate accounts:

Pooled separate accounts ("PSAs") are privately managed through investment companies and are not publicly quoted. PSAs are comprised primarily of shares of registered investment companies held through sub-accounts of an insurance company. The PSAs are valued using net asset value ("NAV") as a practical expedient to estimate fair value where NAV is based on the value of the underlying investment assets held through sub-accounts of a separate account of an insurance company. This practical expedient is not used when it is determined to be probable that the account will sell the investment for an amount different than the reported NAV. The Plan has concluded that the NAVs reported by the investment companies approximate the fair value of the investments. There are currently no redemption restrictions or unfunded commitments on these investments.

Collective trust fund:

The Principal Stable Value Fund, held in a collective trust fund, invests in conventional and synthetic guaranteed investment contracts ("GICs") issued by life insurance companies, banks and other financial institutions with excess cash invested in cash equivalents. The objective of the stable value fund is to provide preservation of capital and relatively stable returns regardless of the volatility of the financial markets. The investments are valued using NAV as a practical expedient to estimate fair value where NAV is based on the value of the underlying investment assets owned by the fund, minus its liabilities. This practical expedient is not used when it is determined to be probable that the account will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the issuer reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner. There are currently no redemption restrictions or unfunded commitments on these investments.

The Plan's investments measured at fair value on a recurring basis as of December 31, 2022 and 2021 are as follows:

	December 31, 2022			
	Fair Value Measurements			
	Level 1	Level 2	Level 3	Total
Papa John's International, Inc. common stock	$ 3,533,052	$ —	$ —	$ 3,533,052
Mutual funds	51,960,628	—	—	51,960,628
Total assets in fair value hierarchy	$ 55,493,680	$ —	$ —	55,493,680
Investments measured at NAV [(a)]				20,023,295
Investments at fair value				$ 75,516,975

	December 31, 2021			
	Fair Value Measurements			
	Level 1	Level 2	Level 3	
Papa John's International, Inc. common stock	$ 6,350,598		$ —	$ 6,350,598
Mutual funds	61,104,918		—	61,104,918
Total assets in fair value hierarchy	$ 67,455,516	$ —	$ —	67,455,516
Investments measured at NAV [(a)]				28,305,391
Investments at fair value				$ 95,760,907

[(a)] Includes pooled separate accounts and a collective trust fund which are measured using NAV as a practical expedient and are not classified in the fair value hierarchy. The fair value amounts presented in this table are shown for the purpose of reconciling to the Statements of Net Assets Available for Benefits.

4. Tax Status

The Plan is based on a volume submitter document provided by Principal Financial Group. The Internal Revenue Service ("IRS") ruled on August 8, 2014 that the volume submitter document is in compliance with the applicable requirements of the IRC. The Plan has been amended and restated since receiving the IRS determination letter. However, the Plan administrator believes the Plan is being operated in compliance with the applicable requirements of the IRC and, therefore, believes the Plan is qualified and the related trust is tax exempt.

Accounting principles generally accepted in the United States of America require Plan Management to evaluate tax positions taken by the Plan. The financial statement effects are recognized when the Plan has taken an uncertain position that more likely than not would 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 and 2021, there are no uncertain tax positions that would require recognition or disclosure in the financial statements.

The Plan is subject to audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

5. Transactions with Parties-in-Interest

Transactions in shares of Papa John's International, Inc. ("Papa John's") common stock qualify as allowable party-in-interest transactions under the provisions of ERISA. The Plan held $3,533,052 and $6,350,598 of Papa John's common stock at December 31, 2022 and 2021, respectively. During the years ended December 31, 2022 and 2021, the Plan had purchases of Papa John's common stock of approximately $417,000 and $298,000 and sales of $784,000 and $1,400,000, respectively.

At December 31, 2022 and 2021, the Plan held units in various pooled separate accounts and a stable value fund managed by affiliates of Principal Trust Company, the Plan trustee. These transactions qualify as allowable party-in-interest transactions under the provisions of ERISA.

6. Risks and Uncertainties

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

7. Non-exempt Transactions

During the Plan year December 31, 2022, employee withholdings totaling $379,208 were not remitted to the trust within the appropriate time period by the Company. These transactions constitute prohibited transactions as defined by ERISA. The Company remitted the withholdings in 2022 and 2023. Lost earnings were remitted to the Plan in June 2023.

8. Subsequent Events

Plan Management has evaluated all events or transactions that occurred through June 29, 2023, the date the financial statements were issued, and determined that there were no significant events that would have a material impact on its financial statements and related notes.

Supplemental Schedule

Papa John's International, Inc. 401(k) Plan
Schedule of Assets (Held at End of Year)
Form 5500, Schedule H, Line 4i
EIN: 61-1203323, Plan Number: 001
As of December 31, 2022

Identity of Issuer, Borrower, Lessor, or Similar Party	Description of Investment	Shares / Units Held or Rate of Interest	Value
Common stock:			
*Papa John's International, Inc.	Common Stock	42,924 shares	$ 3,533,052
Mutual funds:			
Pimco	Pimco Total Return Institutional Fund	69,223 shares	585,630
Vanguard Group	Vanguard Target RMT Income INV Fund	11,856 shares	145,115
Vanguard Group	Vanguard Target RMT 2020 INV Fund	77,699 shares	1,970,459
Vanguard Group	Vanguard Target RMT 2025 INV Fund	24,872 shares	414,873
Vanguard Group	Vanguard Target RMT 2030 INV Fund	297,606 shares	9,335,912
Vanguard Group	Vanguard Target RMT 2035 INV Fund	72,927 shares	1,411,136
Vanguard Group	Vanguard Target RMT 2040 INV Fund	353,506 shares	12,019,201
Vanguard Group	Vanguard Target RMT 2045 INV Fund	46,402 shares	1,058,902
Vanguard Group	Vanguard Target RMT 2050 INV Fund	176,161 shares	6,658,881
Vanguard Group	Vanguard Target RMT 2055 INV Fund	28,745 shares	1,212,164
Vanguard Group	Vanguard Target RMT 2060 INV Fund	70,180 shares	2,725,104
Vanguard Group	Vanguard Target RMT 2065 INV Fund	7,708 shares	196,095
Vanguard Group	Vanguard Target RMT 2070 INV Fund	1,850 shares	37,046
Vanguard Group	Vanguard Equity-Income ADM Fund	19,200 shares	1,624,855
Blackrock Advisors, LLC	Blackrock High Yield Bond K Fund	209,108 shares	1,388,474
Blackrock Advisors, LLC	Ishares US Aggregate Bond Index K Fund	36,128 shares	321,540
Capital Research and Mgmt Co	American FDS US Gov't SEC R6 Fund	15,826 shares	194,030
Vanguard Group	Vanguard Small Value Index ADM Fund	17,013 shares	1,161,165
Vanguard Group	Vanguard FTSE SOC IDX ADM Fund	1,767 shares	61,390
American Century Investment Management	American Century Mid-Cap Value Fund	62,009 shares	957,427
Dimensional Fund Advisors	DFA Infl Protected SEC I Fund	27,260 shares	294,950
Vanguard Group	Vanguard EMG MK Stk IDX ADM Fund	23,468 shares	760,597
Blackrock Advisors, LLC	Ishares MSCI EAFE Int IDX K Fund	22,302 shares	295,952
Blackrock Advisors, LLC	Ishares S&P 500 Index K Fund	8,072 shares	3,632,085
Vanguard Group	Vanguard Small Cap Value Index Admiral Fund	14,843 shares	1,046,579
Blackrock Advisors, LLC	Blackrock Mid-Cap Growth Equity K Fund	81,242 shares	2,451,066
			51,960,628
Pooled separate accounts:			
*Principal Life Insurance Company	Diversified International Separate Account	16,827 units	1,760,032
*Principal Life Insurance Company	Small-Cap S&P 600 Index Separate Account	10,653 units	891,103
*Principal Life Insurance Company	Mid-Cap S&P 400 Index Separate Account	17,460 units	1,441,925
*Principal Life Insurance Company	Capital Appreciation Separate Account	125,951 units	6,937,655
*Principal Life Insurance Company	Large-Cap Growth I Separate Account	104,786 units	4,765,231
			15,795,946
Collective trust fund:			
*Principal Global Investors Trust Company	Principal Stable Value Z Fund	175,255 units	4,227,349
			4,227,349
*Participant Loans		4.25% to 8.50% per annum	2,214,690
			$ 77,731,665

*Represents party-in-interest to the Plan.

Cost information not required due to Plan being participant directed.

Papa John's International, Inc. 401(k) Plan
Schedule of Delinquent Participant Contributions
For the year ended December 31, 2022

Participant contributions transferred late to plan	Total that constitute nonexempt prohibited transactions			Total fully corrected under VFCP and PTE 2002-51
Check here if late participate loan repayments are included	Contributions not corrected [(a)]	Contributions corrected outside VFCP	Contributions pending correction in VFCP	
	$ 379,208	$ —	$ —	$ —

[(a)] Lost earnings were remitted to the Plan in June 2023.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Administrator has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

PAPA JOHN'S INTERNATIONAL, INC. 401(k) PLAN

Date: June 29, 2023

/s/ Chris Collins

Chris Collins

Principal Financial and Accounting Officer

EXHIBIT INDEX

Exhibit Number	Description of Exhibit
23.1	Consent of Independent Registered Public Accounting Firm