

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 2018 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2018 or fiscal plan year beginning <u>01/01/2018</u> and ending <u>12/31/2018</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)	
	☒ a single-employer plan ☐ a DFE (specify) ____		
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ☒		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ special extension (enter description)	☐ the DFVC program

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>THE LONZA US SAVINGS PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>003</u>
		1c	Effective date of plan <u>01/01/1977</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>LONZA AMERICA INC.</u> <u>412 MT KEMBLE AVE</u> <u>SUITE 200S</u> <u>MORRISTOWN, NJ 07960</u>	2b	Employer Identification Number (EIN) <u>22-2188958</u>
		2c	Plan Sponsor's telephone number <u>201-316-9200</u>
		2d	Business code (see instructions) <u>325100</u>

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2019	ALICIA ALCOSSER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2018)
v. 171027

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 4135
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 2967 6a(2) 3135 6b 0 6c 1248 6d 4383 6e 6 6f 4389 6g 4347 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 2S 2T 3D 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☐ 0 **A** (Insurance Information)
- (4)** ☒ **C** (Service Provider Information)
- (5)** ☐ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 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 _____

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2018
		This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018		
A Name of plan THE LONZA US SAVINGS PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 LONZA AMERICA INC.	D Employer Identification Number (EIN) 22-2188958	

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

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

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
ALLIANZ GLOBAL INVESTORS U.S. LLC	1633 BROADWAY NEW YORK, NY 10019

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
AMERICAN CENTURY INVESTMENT MGT INC	
44-0640487	

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
AMERICAN FUNDS DISTRIBUTORS, INC.	
95-2769620	

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
BARON CAPITAL	767 FIFTH AVENUE 49TH FLOOR NEW YORK, NY 10153

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

DODGE & COX INC., DISTRIBUTOR

94-1441976

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

VANGUARD

455 DEVON PARK DRIVE
WAYNE, PA 19087

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

LOOMIS SAYLES FUNDS

399 BOYLSTON STREET
BOSTON, MA 02116

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

T. ROWE PRICE

100 EAST PRATT STREET
BALTIMORE, MD 21202

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

FIDELITY

900 SALEM STREET
SMITHFIELD, RI 02917

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

JANUS DISTRIBUTORS, LLC

151 DETROIT STREET
DENVER, CO 80206

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

(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)

ADP, LLC

13-3036745

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 37 50 64	NONE	674017	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

NELSON MULLINS RILEY & SCARBOROUGH

57-0215445

(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?
29 50	NONE	97011	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

RCL ADVISORS, LLC

20-5867247

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 21 49 50 64 99	NONE	51000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

WISS & COMPANY LLP

22-1732349

(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?
10 50	NONE	43750	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

MORGAN STANLEY SMITH BARNEY

20-8764829

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 17 50 64 70	NONE	5000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

ADP BROKER-DEALER

22-3319984

(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?
59 60	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ADP BROKER-DEALER	59 60	0
(d) Enter name and EIN (address) of source of indirect compensation BARON CAPITAL 767 FIFTH AVENUE NEW YORK, NY 10153	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. ANNUAL RATE 0.00150 OF AVERAGE DAILY ASSETS	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ADP BROKER-DEALER	59 60	0
(d) Enter name and EIN (address) of source of indirect compensation DODGE & COX INC., DISTRIBUTOR 94-1441976	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. ANNUAL RATE 0.00100 OF AVERAGE DAILY ASSETS ANNUAL RATE 0.00080 OF AVERAGE DAILY ASSETS ANNUAL RATE 0.00100 OF AVERAGE DAILY ASSETS	
(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 H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2018 This Form is Open to Public Inspection
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For calendar plan year 2018 or fiscal plan year beginning **01/01/2018** and ending **12/31/2018**

A Name of plan THE LONZA US SAVINGS PLAN	B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 LONZA AMERICA INC.	D Employer Identification Number (EIN) 22-2188958

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)	946540	1539726
(2) Participant contributions	1b(2)	65123	709502
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	50663875	50175969
(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)	11061499	11295300
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	564393935	531574659
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	627130972	595295156

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	26520	47845
k Total liabilities (add all amounts in lines 1g through 1j)	1k	26520	47845

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	627104452	595247311
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Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	23595544	
(B) Participants	2a(1)(B)	30081521	
(C) Others (including rollovers)	2a(1)(C)	3778825	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		57455890
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)	444404	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		444404
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	33073880	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		33073880
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(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)		-66536897
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		24437277

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	55424334	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		55424334
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		337559
h Interest expense	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)	167482	
(2) Contract administrator fees.....	2i(2)	108589	
(3) Investment advisory and management fees.....	2i(3)	51000	
(4) Other	2i(4)	205454	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		532525
j Total expenses. Add all expense amounts in column (b) and enter total	2j		56294418

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-31857141
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) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)?

☒ Yes ☐ No

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

(1) Name: WISS & COMPANY LLP

(2) EIN: 22-1732349

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

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

Part IV Compliance Questions

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

During the plan year:

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

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.)

	Yes	No	Amount
4a		X	
4b		X	

	Yes	No	Amount
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.)		X	
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.).....		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		1000000
4e	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?.....		X	
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....		X	
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)		X	
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?.....		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
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 If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____. (See instructions.)

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 2018 This Form is Open to Public Inspection.
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For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan <u>THE LONZA US SAVINGS PLAN</u>	B Three-digit plan number (PN) ▶ <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>LOENZA AMERICA INC.</u>	D Employer Identification Number (EIN) <u>22-2188958</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
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): <u>57-1198022</u>		
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
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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
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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.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

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

Schedule R (Form 5500) 2018
v. 171027

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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 participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****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

b The corresponding number for the second preceding plan year

15a**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

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

16a**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: 0.0 % 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): _____



THE LONZA U.S. SAVINGS PLAN

**FINANCIAL REPORT
DECEMBER 31, 2018**

INDEPENDENT AUDITORS' REPORT

The Retirement Committee of
The Lonza U.S. Savings Plan

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of The Lonza U.S. Savings Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

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

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Reliance Trust Company, the Trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the Plan Administrator that the Trustee holds the Plan's investment assets and executes investment transactions. The Plan Administrator has obtained the certification from the Trustee as of December 31, 2018 and 2017, and for the year ended December 31, 2018, that the information provided to the Plan Administrator by the Trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

WISS & COMPANY, LLP

Other Matter

The supplemental schedule of Schedule H, Part IV, Line 4i - Schedule of Assets (Held At End of Year) as of December 31, 2018, is required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on this supplemental schedule.

Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the Trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are 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.



WISS & COMPANY, LLP

Livingston, New Jersey
October 9, 2019

THE LONZA U.S. SAVINGS PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

ASSETS	December 31,	
	2018	2017
Investments, at fair value:		
Mutual funds	\$ 531,574,659	\$ 564,393,935
Cash and equivalents	<u>50,175,969</u>	<u>50,663,875</u>
Total investments, at fair value	<u>581,750,628</u>	<u>615,057,810</u>
Receivables:		
Notes receivable from participants	11,295,300	11,061,499
Employer contributions	1,539,726	946,540
Participant contributions	<u>709,502</u>	<u>65,123</u>
	<u>13,544,528</u>	<u>12,073,162</u>
Total assets	595,295,156	627,130,972
LIABILITIES		
Accrued administrative expenses	<u>47,845</u>	<u>26,520</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 595,247,311</u></u>	<u><u>\$ 627,104,452</u></u>

See accompanying notes to financial statements.

THE LONZA U.S. SAVINGS PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

YEAR ENDED DECEMBER 31, 2018

ADDITIONS / (REDUCTIONS) TO NET ASSETS ATTRIBUTED TO:

Investment income / (loss):

Net depreciation in fair value of investments	\$ (66,536,897)	
Interest, dividends and other income	<u>33,073,880</u>	\$ (33,463,017)

Interest income on notes receivable from participants 444,404

Contributions:

Participant	30,081,521	
Employer	23,595,544	
Rollovers	<u>3,778,825</u>	<u>57,455,890</u>

Total Additions, net 24,437,277

DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:

Benefit payments	55,424,334	
Deemed distributions	337,559	
Administrative expenses	<u>532,525</u>	
Total Deductions		<u>56,294,418</u>

NET DECREASE (31,857,141)

NET ASSETS AVAILABLE FOR BENEFITS:

Beginning of year	<u>627,104,452</u>
End of year	<u>\$ 595,247,311</u>

See accompanying notes to financial statements.

THE LONZA U.S. SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

Note 1 - Description of Plan:

The following description of The Lonza U.S. Savings Plan (the “Plan”) provides only general information. Participants should refer to the Plan document for more complete information regarding the Plan’s provisions.

General - The Plan was established January 1, 1977 as a defined contribution plan and was revised effective July 1, 1984 to include a 401(k) feature for employees of Lonza Inc. (the “Company” and “Plan Administrator”), a wholly owned subsidiary of Lonza America Inc. (“LAI”). The Plan also includes employees who are covered under separate collective bargaining agreements between (a) the United Steelworkers of America, Local No. 14964-06 (the “Painesville employees”) and (b) the United Steelworkers of America, Local No. 4907 (the “Williamsport employees”) and the Company. To participate in the Plan, the Painesville employees and Williamsport employees are subject to minimum service requirements set forth under the terms of the Plan. Former participants of the Arch Chemicals, Inc. Contributing Employee Ownership Plan (the “Arch Plan”) are included as eligible participants in the Plan as well.

All employees qualify as participants of the Plan immediately upon employment. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Automatic Enrollment - An eligible employee hired or rehired on or after January 1, 2016 shall automatically be enrolled in the Plan forty-five days after they met the eligibility requirements at a default pre-tax contribution percentage of 3% unless the employee affirmatively elects a contribution percentage of his own choice from 0% to 50% of eligible earnings. Each April thereafter, the automatic enrollment contribution percentage shall automatically escalate in 2% increments up to a maximum of 9%. If, at any point after a participant is automatically enrolled, such participant makes a contribution election of his own choosing, such participant shall be removed from the automatic escalation program and the automatic increases will cease.

Contributions - All participant contributions to the Plan are voluntary. Participants are limited to a maximum contribution percentage of 50% of eligible compensation. Non-highly compensated employees may contribute up to 50% of their annual compensation on a pretax or after-tax basis, or a combination of both pretax and after-tax contributions not to exceed 50% of eligible earnings in total. Highly compensated employees may contribute up to 50% of their annual compensation on a pretax basis, up to 6% of their annual compensation on an after-tax basis, or any combination of both pretax and after-tax not to exceed 50% of eligible earnings in total.

The Company makes “safe harbor” contributions each payroll period for all eligible participants in an amount equal to 100% of the participant’s contributions which do not exceed 6% of their eligible compensation.

The Plan also provides for an additional profit-sharing contribution for each eligible employee equal to 1% of eligible earnings starting immediately upon hire. This Company contribution is not contingent upon the employee contributing to the Plan.

THE LONZA U.S. SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

The employer matching contributions are recalculated as soon as practical following the end of each Plan Year and each participant receives a “true-up” employer matching contribution. This “true-up” contribution is equal to the difference between the employer matching contributions actually received by the participant during the applicable Plan Year and the maximum amount of employer contribution the participant is eligible to receive. The maximum amount of match (whether regular match or true-up match) is equal to 100% of up to 6% of eligible compensation contributed during any Plan Year.

With respect to participant contributions and Company contributions made on their behalf, individual participants may elect to invest such contributions entirely in any of the Plan’s available investment funds or partially in more than one investment fund. Participants may change their investment elections for future contributions and reallocate past contributions on any business day.

Investments - The Plan is participant-directed and consists of separate investment funds. The Plan also utilizes the age appropriate Target Date Fund as a temporary investment account for funds prior to allocation of participant investments and for any Plan forfeitures. A participant may direct employee contributions in 1% increments in any of the investment funds provided by the Plan.

Participants’ Accounts - Individual accounts are established for each plan participant. Each participant’s account is credited with the participant’s contribution and allocations of (a) the Company’s contribution, (b) Plan earnings/losses, and (c) charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

Vesting - All active eligible employees are immediately 100% vested in all their contributions as well as any Company contributions.

Payment of Benefits - Upon termination of employment with the Company, or upon death, disability, or retirement a participant, or their designated beneficiary, may request a full distribution of their vested account balance. While actively employed by the Company, a participant may request up to three in-service withdrawals in any calendar year. Such withdrawals may be any combination of hardship or regular in-service withdrawals, to the extent amounts are available for a particular withdrawal type when requested. In the event a participant requests a hardship withdrawal, the withdrawal must meet the criteria for financial hardship and the hardship must be due to one of the permissible reasons set forth under the Plan.

Forfeitures - At December 31, 2018 and 2017, forfeited nonvested accounts and other income accounts totaled \$24,443 and \$19,900, respectively. These accounts will be used to reduce future employer contributions to the maximum extent permitted by ERISA, and expenses incurred in connection with the administration and management of the Plan and trust fund. No forfeitures were utilized during 2018.

Note 2 - Summary of Significant Accounting Policies:

Basis of Accounting - The financial statements have been prepared on the accrual basis of accounting.

Use of Estimates - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of net assets available for plan benefits and disclosure of contingent net assets available for plan benefits at the date of the financial statements and the reported amounts of additions and deductions from the trust fund during the reporting period. Actual results, as determined at a later date, could differ from those estimates.

THE LONZA U.S. SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

Investment Valuation and Income Recognition - Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's Investment Committee determines the Plan's valuation policies utilizing information provided by its investments advisors trustee, and insurance company. See Note 4 for a discussion of fair value measurements.

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

Notes Receivable From Participants - Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as December 31, 2018 and 2017. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

Payment of Benefits - Benefits are recorded when paid.

Hardship Withdrawals - The Plan provides for hardship withdrawals from participants' vested balances, not to exceed an amount required to meet an immediate need created by hardship, and then only to the extent that such immediate need cannot be satisfied by other sources reasonably available to the participant. Permissible circumstances for hardship withdrawals include medical expenses, purchase of a home, tuition payments, amounts necessary to prevent eviction from the participants' personal residence, and such other circumstances as the Plan Administrator may determine in accordance with Internal Revenue Service (IRS) rules and regulations. An Employee's contributions to the Plan will be suspended for six months following a hardship withdrawal

Administrative Expenses - Eligible expenses (as defined), to the extent not paid by the Plan sponsor, are paid by the Plan. Effective January 1, 2008, the participant accounts have been charged with quarterly administrative expenses. Certain expenses maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the administration of notes receivable from participants, withdrawals, recordkeeping fees, and asset fees are charged directly to the participant's account and are included in administrative expense. Investment related expenses are included in net depreciation of fair value of investments.

Risks and Uncertainties - Investment securities, in general, are exposed to various risks, such as interest rate, credit and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the value of investment securities will occur in the near term and that such changes could materially affect participant's account balances and the amounts reported in the financial statements.

The Plan may have investments in securities with contractual cash flows, such as asset backed securities, collateralized mortgage obligations and commercial mortgage backed securities, including securities backed by sub-prime mortgage loans. The value, liquidity and related income of these securities are sensitive to changes in economic conditions, including real estate value, delinquencies or defaults, or both, and may be adversely affected by shifts in the market's perception of the issuers and changes in interest rates.

Concentration in Investment Risk - The Plan's investment in two funds comprised approximately 23% of total investments at December 31, 2018 and 2017.

THE LONZA U.S. SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

Cash and Equivalents - Cash and equivalents include a money market fund and other highly liquid short-term investments purchased with maturities of three months or less.

Note 3 - Information Certified by the Trustee:

The Plan Administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosures under ERISA. Accordingly, Reliance Trust Company, the Trustee, has certified that the following information included in the financial statements and supplemental schedule is complete and accurate:

- a) Investments, as shown in the Statements of Net Assets Available for Benefits as of December 31, 2018 and 2017.
- b) Investment income/(loss), as shown in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2018.
- c) Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2018.

The Plan's independent auditors did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements and supplemental schedule.

Note 4 - Fair Value Measurements:

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, Fair Value Measurements, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

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

Level 2 - Inputs to the valuation methodology include:

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

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

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

THE LONZA U.S. SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

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.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2018 and 2017.

- Cash and equivalents: Initially valued at transaction price. Carrying value approximates fair value as maturities are less than three months.
- Mutual funds: Valued at the closing price reported on the active market.

The preceding methods 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 Administrator 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 table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2018 and 2017:

Investments at Fair Value as of December 31, 2018

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Mutual funds	\$ 531,574,659	\$ -	\$ -	\$ 531,574,659
Cash and equivalents	-	50,175,969	-	50,175,969
Total investments at fair value	<u>\$ 531,574,659</u>	<u>\$ 50,175,969</u>	<u>\$ -</u>	<u>\$ 581,750,628</u>

Investments at Fair Value as of December 31, 2017

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Mutual funds	\$ 564,393,935	\$ -	\$ -	\$ 564,393,935
Cash and equivalents	-	50,663,875	-	50,663,875
Total investments at fair value	<u>\$ 564,393,935</u>	<u>\$ 50,663,875</u>	<u>\$ -</u>	<u>\$ 615,057,810</u>

Transfers Between Levels

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period. For the years ended December 31, 2018 and 2017, there were no significant transfers in or out of levels 1, 2, or 3.

THE LONZA U.S. SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

Note 5 - Tax Status:

The Plan has obtained a favorable determination letter from the IRS dated April 12, 2018, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (IRC) and, therefore, the related trust is exempt from taxation. Once qualified, the Plan is required to operate in conformity with the IRC to maintain its qualification. The Plan Administrator believes the Plan is being operated in compliance with the applicable requirements of the IRC and, therefore, believes that 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 and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax period in progress.

Note 6 - Party-in-Interest:

Certain Plan investments are managed by the Trustee. Services provided by the Trustee include investment management, recordkeeping, and administrative services to the Plan. The fees associated with these services qualify as party-in-interest. Fees paid for such services totaled \$311,400 for the year ended December 31, 2018. Fees paid by the Plan for investment advisory services amounted to \$51,000 for the year ended December 31, 2018.

Note 7 - Plan Termination:

Although it has not expressed any intent to do so, the Company has the right under the Plan's provisions to discontinue its contributions at any time and terminate the Plan subject to the provisions of ERISA. Upon termination, participants will become fully vested in their accounts. Under no circumstances may the Company take ownership of any of the Plan's assets as a result of such termination.

Note 8 - Notes Receivable from Participants:

The amount available for loan withdrawals is 50% of the vested balance less the participant's highest outstanding loan balance during the 12 months prior to the effective date of the new loan. The minimum loan granted is \$1,000 and the maximum is \$50,000. The interest rate for loans granted is the prime rate of interest charged by the Federal Reserve as of the first day of each calendar quarter. The rate in effect at the beginning of the loan remains constant over the life of the loan. A maximum of three loans can be outstanding at any one time.

Participants may request a loan repayment term of up to five years for a general loan, and up to fifteen years for a loan used to purchase the participant's primary residence. Full prepayment of the outstanding balance is permitted. Loans are generally repaid through payroll deduction with principal and interest being credited to the participant's account and invested in the investment funds elected by the participant at the time of the repayment. Plan participants are required to pay a loan initiation fee which is deducted directly from their account at the onset of the loan.

Note 9 - Subsequent Events:

The Plan Administrator has evaluated subsequent events through October 9, 2019, the date the financial statements were available to be issued. The effects of those events and transactions that provide additional pertinent information about conditions that existed at the Statements of Net Assets Available for Benefits date have been recognized in the accompanying financial statements.

THE LONZA U.S. SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

LAI acquired Capsugel Holdings US, Inc. on January 1, 2019. Along with this acquisition, the Capsugel Savings Plan (“Capsugel Plan”) was merged into the Plan effective January 1, 2019. Included in the Capsugel Plan is a Bend Research Prior Money Purchase Plan which had been acquired by Capsugel Holdings US, Inc. prior to the merger with LAI.

Effective January 1, 2019, a group of LAI employees were transitioned to another employer Innovative Water Care LLC (“IWC”). The Plan was amended to allow IWC to become a participating employer in the Plan with certain administrative functions of IWC including ERISA benefits continuing to be operated by LAI personnel. IWC then formed its own plan on July 31, 2019 and its employees were no longer able to participate in the Plan.

The profit sharing contribution was amended January 1, 2019 from 1% paid each pay period to 1.5% paid annually at year end. Employees must now be employed at year end to receive the profit sharing contribution unless the employee 1) becomes disabled during the year, 2) retires during the year and is at least 55 years of age with 10 years of service, or 3) dies during the year. Additionally, a 3 year cliff vesting schedule was adopted on the profit-sharing contribution for employees hired on or after January 1, 2019. LAI employees hired prior to January 1, 2019 remained 100% vested in the profit-sharing while participants of the Capsugel Plan remained subject to the 3 year cliff vesting schedule of that plan prior its merger into the Plan.

SCHEDULE 1

THE LONZA U.S. SAVINGS PLAN

SUPPLEMENTAL INFORMATION

**SCHEDULE H, PART IV, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2018**

**EIN: 22-2188958
PLAN NUMBER: 003**

(a) Identity of Issuer, Borrower, Lessor or Similar Party	(c) Description of Investment	(e) Fair Value
Cash and equivalents - The Vanguard Group	Vanguard Federal Money Market	\$ 50,175,969
Mutual funds:		
The Vanguard Group	Vanguard Institutional Index - Instl	75,903,267
Dodge & Cox	Dodge & Cox Balanced Fund	58,258,421
Janus	Janus Henderson Enterprise Fund	47,807,365
The Vanguard Group	Vanguard Target Retirement 2020	40,750,111
Dodge & Cox	Dodge & Cox Stock Fund	40,099,360
T. Rowe Price	T. Rowe Price Mid Cap Value	27,135,746
Dodge & Cox	Dodge & Cox Income Fund	26,610,261
Fidelity	Fidelity Contrafund	24,608,994
The Vanguard Group	Vanguard Target Retirement 2030	24,405,612
Loomis Sayles	LS Small Cap	22,876,051
The Vanguard Group	Vanguard Target Retirement 2040	20,600,418
American Funds	American Funds Europac Gro - R	19,066,377
American Century	AC Global Growth	17,661,006
The Vanguard Group	Vanguard Mid Cap Index Fund	17,286,594
The Vanguard Group	Vanguard Total Intl Stock Index I	13,259,742
The Vanguard Group	Vanguard Target Retirement 2050	12,384,220
The Vanguard Group	Vanguard Total Bond Market Index - Instl	10,353,389
Pacific Investment Management Company	Pimco Real Return Fund - Instl	8,768,618
The Vanguard Group	Vanguard Small Cap Index	7,488,989
The Vanguard Group	Vanguard Target Retirement Income Inv	7,284,363
The Vanguard Group	Vanguard Target Retirement 2015	4,518,087
Pacific Investment Management Company	Pimco Low Duration Fund	3,723,472
The Vanguard Group	Vanguard Target Retirement 2060	724,196
		<u>531,574,659</u>
* Notes receivable from participants	Various interest rates from 3.25% - 10%	<u>11,295,300</u>
		<u>\$ 593,045,928</u>
* Party-in-interest		

See independent auditors' report.

Plan Name	The Lonza US Savings Plan
Plan Sponsor EIN	22-2188958
ERISA Plan #	003
Plan Year Ending	12/31/2018

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

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