Financial Statements and Supplementary Information For the Years Ended December 31, 2017 and 2016 With Independent Auditor's Report



For the Years Ended December 31, 2017 and 2016

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INDEPENDENT AUDITOR'S REPORT

The Board of Trustees
Retirement Plan for Chicago Transit Authority Employees

Report on the Financial Statements

We have audited the accompanying financial statements of the Retirement Plan for Chicago Transit Authority Employees (the Plan), which comprise the statements of fiduciary net position as of December 31, 2017 and 2016, the related statements of changes in fiduciary net position for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

The Plan's 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.



Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Plan as of December 31, 2017 and 2016, and the changes in its financial position for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis and the required supplementary information listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board which considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audits were conducted for the purpose of forming an opinion on the basic financial statements as a whole. The accompanying schedule of investment and administrative expenses is presented for purposes of additional analysis and is not a required part of the basic financial statements.

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 basic financial statements. Such information has been subjected to the auditing procedures applied in the audits of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

September 28, 2018

Mitchell: Titus, LLP

Management's Discussion and Analysis of the Retirement Plan for Chicago Transit Authority Employees (the Plan) provides an overview and analysis of the financial statements of the Plan, including highlights and comparisons for the years ended December 31, 2017 and 2016. For more detailed information regarding the Plan's financial activities, review the Plan's financial statements, including the notes and supplementary schedules.

Overview of the Financial Statements

The financial statements are prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States (U.S. GAAP) as established by the Governmental Accounting Standards Board (GASB) and are described below:

- The Statements of Fiduciary Net Position presents the Plan's assets and liabilities and the
 resultant net position held in trust for plan benefits at the end of the year. The statement
 reflects the Plan's investments at fair value as well as receivables and liabilities.
- The Statements of Changes in Fiduciary Net Position presents the additions and deductions to the Plan during the current year. It reflects the investment income and net realized and unrealized gains or losses during the year, along with members' contributions and employer's contributions; and then benefit payments, refunds, and administrative expenses.
- The Notes to Financial Statements provide additional information for a better understanding of the data provided in the financial statements. They explain the purpose of the Plan, significant accounting policies, investment details and related risks, and other relevant information.

The required supplementary information consists of a schedule of changes in the employer's net pension liability and related ratios, a schedule of employer contributions and a schedule of investment returns as well as the related notes to required supplementary information to discuss actuarial assumptions and methods. Such schedules provide information to aid in the analysis of the Plan's funded status and the internal rate of return on pension plan investments.

- The Schedule of Changes in the Employer's Net Pension Liability and Related Ratios shows
 the liability of the employer to plan members and retirees for benefits provided through the
 pension plan and the changes thereof during the year.
- The Schedule of Employer Contributions contains historical trend information of employer contributions. It shows the amounts of required employer contributions and the related amounts the employer has contributed to meet its requirement.
- The Schedule of Investment Returns shows the period-by-period returns on pension plan investments that adjust for the changing amounts actually invested. It represents an internal rate of return on pension plan investments, net of pension plan investment expenses.
- The Notes to the Required Supplementary Information describes the actuarial method and assumptions used to aid in the understanding of the required supplementary schedules.

The additional schedule provided is the *Schedule of Investment and Administrative Expenses*, which reflects the costs to manage the defined benefit pension plan.

Financial Highlights

- The fiduciary net position held in trust for Plan benefits totaled approximately \$1.86 billion at December 31, 2017, compared to \$1.73 billion at December 31, 2016 and \$1.74 billion at December 31, 2015. The fiduciary net position is available for payment of members' pensions.
- For the 2017 Plan year, the addition to fiduciary net position was \$408.5 million, and consisted of contribution revenue of \$174.8 million, increased by a net investment gain of \$233.7 million. The addition to fiduciary net position for the 2016 Plan year was \$262.0 million, which consisted of contribution revenue of \$143.4 million, increased by a net investment gain of \$118.6 million.
- Benefit payments to retirees increased by \$7.4 million in 2017, \$7.9 million in 2016, and \$7.8 million in 2015. Refunds of member contributions increased by \$2.5 million in 2017, decreased by \$1.5 million in 2016, and decreased by \$0.9 million in 2015.
- The funded ratio of the Plan for pension benefits was 52.6% at December 31, 2017, 52.5% at December 31, 2016, compared to 53.3% at December 31, 2015. The increase in the funded ratio at December 31, 2017 compared to December 31, 2016 was mainly due to market value return of 13.9% compared to 8.25% assumed. The decrease in the funded ratio at December 31, 2016 compared to December 31, 2015 resulted from market value returns of 6.8% compared to 8.25% assumed, payroll and salaries increased less than expected and demographic experience.

Fiduciary Net Position

A condensed schedule of the Plan's fiduciary net position is presented below:

Fiduciary Net Position (in millions)
As of December 31, 2017, 2016 and 2015

				2017- <u>Cha</u>	
	2017	2016	2015	\$	%
Receivables Brokers–unsettled trades Investments, at fair value Invested securities lending collateral	\$ 16.7 8.4 1,849.2 123.0	\$ 27.8 18.2 1,725.1 126.0	\$ 17.2 4.7 1,728.7 192.4	\$ (11.1) (9.8) 124.1 (3.0)	(39.9)% (53.8) 7.2 (2.4)
Total assets	1,997.3	1,897.1	1,943.0	100.2	
Brokers–unsettled trades Securities lending payable Accounts payable and accrued expenses Total liabilities	5.0 123.0 3.4 131.4	31.2 126.0 3.5 160.7	3.7 192.4 3.7 199.8	(26.2) (3.0) (0.1) (29.3)	(84.0) (2.4) (2.9)
Fiduciary net position	<u>\$ 1,865.9</u>	<u>\$1,736.4</u>	<u>\$1,743.2</u>	<u>\$ 129.5</u>	7.5%

Fiduciary net position increased by \$129.5 million, or 7.5%, at December 31, 2017 from \$1,736.4 million at December 31, 2016. It decreased by \$6.8 million, or 0.4%, at December 31, 2016 from \$1,743.2 million at December 31, 2015.

The increase in fiduciary net position at December 31, 2017 was primarily due to favorable market conditions, which increased investments at year end by \$124.1 million. Receivables decreased by \$11.1 million at December 31, 2017 compared to the prior year because of the timing of deposit of contributions. In 2016, receivables included November and December contributions compared to 2017, in which only December contributions was included.

The decrease in fiduciary net position at December 31, 2016 was primarily due to member and employer contributions and investment returns less than benefit payments and other deductions. In 2016, total additions were enough to cover benefit payments. The overall reduction of fiduciary net position in 2016 was impacted by the liquidation of marketable securities to meet monthly benefit obligations.

Changes in Fiduciary Net Position

The following schedule presents a condensed comparison of various changes in the Plan's fiduciary net position:

Changes in Fiduciary Net Position (in millions) Years Ended December 31, 2017, 2016 and 2015

					7-2016 nange
Additions	2017	2016	2015	\$	<u>%</u>
Member contributions Employer contributions Net investment gains	\$ 70.3 104.5	\$ 59.6 83.8	\$ 59.0 82.8	\$ 10.7 20.7	18.0% 24.7
and investment income	233.7	118.6	8.2	<u>115.1</u>	97.0
Total additions	<u>408.5</u>	262.0	<u>150.0</u>	<u>146.5</u>	
Deductions					
Annuity and disability benefits Refunds of contributions Administrative expenses	268.8 7.3 2.9	261.4 4.8 2.6	253.5 6.3 2.9	7.4 2.5 0.3	2.8 52.1 11.5
Total deductions	279.0	268.8	262.7	10.2	
Net increase (decrease)	<u>\$ 129.5</u>	<u>\$ (6.8)</u>	<u>\$ (112.7)</u>	<u>\$ 136.3</u>	2,004.0%

Additions to the Plan's fiduciary net position are derived from member contributions, employer contributions and investment income. Total additions were \$408.5 million in 2017, \$262.0 million in 2016 and \$150.0 million in 2015.

Total additions of \$408.5 million in 2017 were higher than the amounts in 2016, primarily due to a net investment gain of \$233.7 million in 2017 compared to a net investment gain of \$118.6 million in 2016. This represents an increase of \$115.1 million, or 97.0%, in 2017 compared to 2016. In 2017, member contributions increased slightly by \$10.7 million, or 18.0%, and employer contributions increased by \$20.7 million, or 24.7%, compared to 2016 due to an increase in employee and employer contribution rates.

Total additions of \$262.0 million in 2016 were higher than the amounts in 2015, primarily due to a net investment gain of \$118.6 million in 2016 compared to a net investment gain of \$8.2 million in 2015. This represents an increase of \$110.4 million, or 1,346.3%, in 2016 compared to 2015. In 2016, member contributions increased slightly by \$0.6 million, or 1.0%, and employer contributions increased by \$1.0 million, or 1.2%, compared to 2015 due to negotiated wage increases.

Deductions increased by \$10.2 million in 2017, \$6.1 million in 2016, and \$6.4 million in 2015. The increases in 2017, 2016 and 2015 were mainly due to increases in annuity and disability benefits. Administrative expenses increased by \$0.3 million in 2017, or 11.5%, mainly due to an increase in legal and professional services during the year. Administrative expenses decreased by \$0.3 million in 2016, or 10.3%, mainly due to a decrease in legal and professional services during the year.

Plan Membership

The following table presents the changes in Plan membership as of December 31, 2017, 2016 and 2015:

				2017	-2016
	2017	2016	2015	Change	%
Retirees and beneficiaries					
receiving benefits	10,387	10,150	10,028	237	2.3 %
Active employees	8,192	8,129	8,204	63	0.8 %
Terminated (inactive members) employees entitled to benefits					
or refunds of contributions	106_	105_	98	1	1.0 %
Total	18,685	18,384	18,330	301	1.6 %

Funding Status

The Plan's funding status for pension benefits is as follows:

Funding Status for Pension Benefits At December 31, 2017, 2016 and 2015 (in millions)

	<u>2017</u>	<u>2016</u>	<u>2015</u>
GASB Statement No. 67 Employer's net pension liability Plan fiduciary net position as a percentage	\$1,657	\$1,721	\$1,609
of the total pension liability	52.97%	50.23%	52.00%
Current funding policy under 40 ILCS 5/22-101(e) Unfunded actuarial accrued liability Funded ratio	\$1,621 52.65%	\$1,586 52.49%	\$1,524 53.36%

Actuarial assumption changes: There were no assumptions changes during valuation for year ended December 31, 2017. For statutory funding purposes, during 2016, the asset valuation method was changed from the market value of assets to a five-year smoothed actuarial value of assets.

The Plan adopted GASB Statement No. 67, *Financial Reporting for Pension Plans*, during the year ended December 31, 2014. See Note 7 in the financial statements for further information.

The table above presents funding information for pension benefits reflecting the requirements under GASB Statement No. 67 and the current funding policy under 40 Illinois Compiled Status 5 Section 22-101(e).

Effects of Economic Factors

Funding

The Plan's funding objective is to meet long-term benefit obligations by accumulating sufficient assets through contributions and investment income. The Plan is well funded when it has sufficient assets to meet all expected future obligations to participants.

The funded ratio, under 40 ILCS 5/22-101(e) of the Plan was 52.6% at December 31, 2017, 52.5% at December 31, 2016 and 53.4% at December 31, 2015. The increase in the funded ratio in 2017 compared to 2016 was mainly due to market value returns of 13.9% compared to 8.25% assumed. The decrease in the funded ratio in 2016 compared to 2015 was mainly due to losses from a combination of two principal factors: demographic experience and investment performance.

Effective January 1, 2007, the retiree healthcare assets included in the Retirement Plan were marked to the fair market value of the retiree healthcare account and allocated in proportion to the actuarial accrued liabilities. During 2009, the retiree healthcare liability was transferred from the Retirement Plan to the Retiree Health Care Plan.

Public Act 095-0708 changed the structure and funding of the Retirement Plan significantly. The Act requires that the funding and liability for retiree healthcare be removed from the Retirement Plan. The Act also changed the eligibility for retirement benefits for Chicago Transit Authority (CTA) employees hired after January 17, 2008 and created a separate Retiree Healthcare Trust to administer the benefits for retirees. Further, the Act gave the CTA the authority to issue debt in order to fund the Retirement Plan and the Retiree Healthcare Trust, which was created in May 2008.

Changes to the Plan from Public Act 095-0708 effectively removed the liability for retiree healthcare benefits from the Retirement Plan, effective January 1, 2009. There were no Plan assets available for retiree healthcare benefits in the Retirement Plan since December 31, 2009, as the retiree healthcare liability was transferred to the CTA Retiree Health Care Plan in 2009. There were no legislative or administrative changes that affected the Plan's funding during the years ended December 31, 2017, 2016 and 2015.

Investment Activities

The Plan's fiduciary net position held for investment was \$1.86 billion at year-end 2017, an increase of \$129.5 million over 2016, with a total Plan rate of return of 14.9%. Domestic equity investment managers returned a positive 18.6%, while non-U.S. equity investment managers returned a positive 31.2%, and total fixed income returned a positive 4.9% for the year ended December 31, 2017. The Plan's fiduciary net position held for investment was \$1.7 billion at year-end 2016, a decrease of \$6.8 million over 2015, with a total Plan rate of return of 7.2%. Domestic equity investment managers returned a positive 14.1%, while non-U.S. equity investment managers returned a positive 3.9%, and total fixed income returned a positive 4.9% for the year ended December 31, 2016.

During 2014, new investment asset allocation was approved by the Board of Trustees as recommended by our Investment Consultants; therefore, the Retirement Plan began to move assets in-line with the newly adopted policy target. Investment asset allocation for 2017 and 2016 was 28% of assets invested in domestic equity, 21% in international equity, 17% in real estate (including 5% in infrastructure), 10% in private equity, 7% in hedge funds, and 17% in fixed income. During 2017 and 2016, the Plan's investment asset allocation stayed within its target asset allocation ranges.

Investment Returns (Calendar Year Gross of Fees Performance Basis) Years Ended December 31, 2017, 2016 and 2015

	2017	2016	2015
Total Plan	14.9%	7.2%	0.2%
Benchmark portfolio	14.1	6.4	0.7
Domestic equities	18.6%	14.1%	(3.4)%
Benchmark (Russell 3000)	21.1	12.7	0.5
International equities	31.2%	3.9%	(3.9)%
Benchmark (MSCI EAFE)	27.2	4.5	(5.7)
Fixed income	4.9%	4.9%	(0.4)%
Benchmark (Barclays Aggregate)	3.5	2.6	0.6
Real estate	7.6%	8.3%	15.6%
Benchmark (CPI +5.5% over rolling five-year periods)	7.2	7.2	5.8
Private equity	14.8%	3.0%	11.0%
Benchmark (Cambridge Associates All PE)	18.7	9.7	7.3
Hedge fund	5.3%	0.6%	1.4%
Benchmark (HFRI FOF Conservative Index)	4.1	1.9	0.4

Subsequent Events

Starting January 1, 2018, covered employees are required to contribute 12.010% of their salary to the Plan and the employer is required to contribute 18.019%, which is net of a credit for debt service on pension obligation bonds.

Contact Information

This financial report is designed to provide the employer, plan participants, and others with a general overview of the Plan's finances and to show accountability for the monies received. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to:

Mr. John V. Kallianis Executive Director Retirement Plan for Chicago Transit Authority Employees 55 West Monroe Street, Suite 1950 Chicago, Illinois 60603

Statements of Fiduciary Net Position December 31, 2017 and 2016 (Amounts in thousands)

	2017	2016
ASSETS		
Deposits	\$ 101	\$ 101
Securities lending cash collateral	122,896	125,958
Total cash	122,997	126,059
Receivables		
Employer contributions	8,349	14,318
Employee contributions	5,645	10,198
Securities sold, but not received	8,400	18,241
Accrued interest and dividends	1,977	1,912
Other	758_	1,248
Total receivables	25,129	45,917
Prepaid expense	14	12
Investments		
Fixed income	330,794	347,101
Domestic equities	515,057	528,524
International equities	386,923	317,115
Venture capital and partnerships	145,789	66,585
Real estate	248,134	228,205
Hedge funds	114,687	193,714
Infrastructure	54,106 53,673	- 40.075
Short-term investments	53,673	43,875
Total investments	1,849,163	1,725,119
Total assets	1,997,303	1,897,107
LIABILITIES Payables		
Collateral payable for securities lending	122,896	125,958
Accounts payable	1,953	2,046
Other payables	1,538	1,559
Securities purchased, but not paid	5,015	31,175
Total liabilities	131,402	160,738
Net position restricted for pensions	\$ 1,865,901	\$ 1,736,369

Statements of Changes in Fiduciary Net Position For the Years Ended December 31, 2017 and 2016 (Amounts in thousands)

	 2017		2016
ADDITIONS Contributions			
Employer Employee	\$ 104,523 70,286	\$	83,855 59,560
Total contributions	174,809		143,415
Investment income Net appreciation in fair value of investments	211 144		06.006
Interest and dividends	211,144 28,965		96,096 28,486
Miscellaneous Less: Investment expense, other than from	33		57
securities lending	 (6,849)		(6,792)
Net income from investing, other than from securities lending	233,293		117,847
Securities lending income Less: Securities lending expense	 595 (149)		1,021 (255)
Net income from securities lending	 446		766
Net investment income	233,739		118,613
Total additions	 408,548		262,028
DEDUCTIONS Benefit payments and contribution refunds			
Benefit payments	268,776		261,389
Contribution refunds, including interest Administrative expenses	7,345 2,895		4,840 2,646
Total deductions	 279,016		268,875
Net increase (decrease) in net position	 129,532		(6,847)
NET POSITION RESTRICTED FOR PENSIONS	. =00.00=		
Beginning of year	 1,736,369		1,743,216
End of year	\$ 1,865,901	\$	1,736,369

Notes to Financial Statements December 31, 2017 and 2016

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

Accounting principles generally accepted in the United States of America (U.S. GAAP), as established by the Governmental Accounting Standards Board (GASB), define a financial reporting entity as consisting of the primary government and its component units for which the primary government is financially accountable. Financial accountability includes appointing a voting majority of a component unit's governing board, the ability of the primary government to impose its will on the component unit, or the potential for the component unit to provide specific financial benefits to or to impose specific financial burdens on the primary government. A primary government may also be financially accountable for its component units that are fiscally dependent on it.

Based on the above criteria, the Retirement Plan for Chicago Transit Authority Employees (the Plan) has no component units and is not a component unit of any other entity.

Basis of Accounting

The Plan's financial statements are prepared on the accrual basis of accounting. Employee and employer contributions are recognized as additions in the period in which employee services are performed. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan; expenses are recorded when the corresponding liabilities are incurred, regardless of when payment is made.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of fiduciary net position at the date of the financial statements and the actuarial information included in the required supplementary information as of the benefit information date, the changes in fiduciary net position during the reporting period and disclosures of contingent assets and liabilities at the date of the financial statements. Accordingly, actual results may differ from those estimates.

Deposit and Investments

The Plan is authorized to invest in bonds, notes, and other direct obligations of the U.S. Government and U.S. Government agencies; corporate bonds, debentures, and notes; certain notes secured by mortgages (including pass-through securities); common and preferred stocks; and certain real estate funds, private equity funds, hedge funds, and stable value funds.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Deposit and Investments (continued)

The Plan does not have a formal deposit and investment risk policy. Investment risk management is a function of the Plan's asset allocation process. Plan assets are diversified over a broad range of asset classes, utilizing multiple investment strategies to limit concentration risk.

Method Used to Value Investments

To the extent available, investments are recorded at fair value based on quoted market prices in active markets on a trade-date basis. Additional information regarding the fair value measurement of investments is disclosed in Note 6. Because of the inherent uncertainty in the use of estimates, values that are based on estimates may differ from the values that would have been used had a ready market existed for the investments. The net increase (decrease) in the fair value of investments is recognized as a component of investment income.

Deposit and short-term investments are reported at amortized cost, which approximates fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Fixedincome securities are valued principally using quoted market prices provided by independent pricing services. For collective investments, the net asset value (NAV) is determined and certified by the investment managers as of the reporting date. Guaranteed investment contracts are carried at contract value, which is principal plus accumulated interest less any withdrawals. The real estate-open end investment funds are reported at NAV of shares held by the Plan at year end based on independent appraisals of underlying properties. Hedge funds do not have established market prices and are reported at NAV of shares held by the Plan at year end as estimated by money managers. The fair value of investments in certain private equity funds and real estate closed-end funds have been determined using recent observable transaction information for similar investments and non-binding bids received from potential buyers of the investments.

Security Transactions

Purchases and sales of securities are accounted for on the trade dates. For purposes of determining the realized gain or loss on the disposal of investments, the average cost of investments sold is used. Unrealized gains or losses on investments held during the year, as well as realized gains or losses on securities sold are included in the statement of changes in fiduciary net position in the year in which they occur.

Investment Income

Dividend income is recorded on the ex-dividend date. Income from other investments is recorded when earned.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Furniture and Office Equipment

Furniture and office equipment are not capitalized, as they are immaterial and are charged to expenses in the year of purchase.

Administrative Expenses

Administrative expenses are recorded as incurred and budgeted and approved by the Plan's Board of Trustees. Administrative expenses are paid from Plan assets and investment earnings. Certain administrative expenses are allocated between the Plan and the Retiree Health Care Plan based on periodic time and expense studies. The Retiree Health Care Plan provides and administers health care benefits to CTA's retirees and their dependents and survivors.

Securities Lending Transactions

Cash received as collateral on securities lending transactions and investments made with that cash are reported as assets in the statement of fiduciary net position at fair value. Securities received as collateral are reported as assets only if the Plan has the ability to pledge or sell them without a borrower default. Liabilities resulting from these transactions are reported in the statement of fiduciary net position.

Interest on Refunds of Participant Contributions

Interest on refunds of participant contributions is expensed when the refunds are recorded. Interest on accumulated contributions from continuing participants is reflected in each participant's account annually.

Recently Issued/Adopted Accounting Pronouncements

In March 2016, the GASB issued Statement No. 82, *Pension Issues—an Amendment of GASB Statements No. 67, No. 68, and No. 73.* This Statement addresses certain issues raised by GASB Statement No. 67, No. 68 and No. 73 regarding the presentation of payroll-related measures in required supplementary information, the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard of Practice for financial reporting purposes, and the classification of payments made by employers to satisfy employee (plan member) contribution requirements. The requirements of this Statement are effective for reporting periods beginning after June 15, 2016. The Plan adopted this Statement in its year ended December 31, 2017. Adoption of this Statement did not have a significant impact on the financial statements.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Recently Issued/Adopted Accounting Pronouncements (continued)

During 2017, the GASB issued Statement No. 87, Leases (GASB 87). The objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases by governments. This Statement increases the usefulness of governments' financial statements by requiring recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this Statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources, thereby enhancing the relevance and consistency of information about governments' leasing activities. The requirements of this Statement are effective for reporting periods beginning after December 15, 2019 and earlier application is encouraged. Management is evaluating the impact of this Statement on the financial statements and does not anticipate significant impact on the Plan's financial statements.

NOTE 2 PLAN DESCRIPTION

Plan Administration: The following brief description of the Plan is provided for general information purposes only. Arbitration awards are periodically handed down and negotiated changes occur. Certain aspects of the Plan are now governed by Illinois state statute (40 ILCS 5/22-101). These changes can revise certain provisions of the Plan regarding the Chicago Transit Authority (CTA), employee contributions, and employee death benefits. Those changes that have affected the Plan are summarized in the following notes. Participants should refer to the Plan document, as amended, for complete information.

The Plan is a single-employer, contributory defined-benefit public pension plan, covering all full-time CTA permanent employees. The Plan is administered by an 11-member Board of Trustees composed of members appointed by the CTA, the Amalgamated Transit Union (ATU), the Regional Transportation Authority and a member appointed to represent the employees not represented by the ATU. The Board of Trustees has the authority to establish or amend the contribution and benefit provisions under the Plan. The Plan is classified as a "governmental plan" and is, therefore, exempt from certain provisions of the Employee Retirement Income Security Act of 1974.

The Plan was amended, effective January 31, 2012, to comply with applicable laws. Employees who have completed one year of continuous service are eligible for participation.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 2 PLAN DESCRIPTION (continued)

Plan Membership: At December 31, 2017 and 2016, pension plan membership consisted of the following:

	2017	2016
Retirees, disabled participants, and beneficiaries of deceased retirees currently receiving benefits Terminated employees entitled to benefits but	10,387	10,150
not yet receiving benefits	106	105
Active	<u>8,192</u>	<u>8,129</u>
	<u> 18,685</u>	<u> 18,384</u>

Benefits Provided: Employees are entitled to annual pension benefits upon normal retirement at age 65, in an amount generally based on a percentage of their average annual compensation in the highest four of the 10 preceding years, multiplied by the number of years of continuous participating service. For employees retiring before December 1, 1987, the percentage was 1.65%. The agreement between the CTA and its unions, signed September 1987, raised the percentage to 1.70% and 1.75% for retirements on or after December 1, 1987 and 1989, respectively. The agreement between the CTA and its unions, signed August 1993, raised the percentage to 1.80% and 1.85% for retirements on or after January 1, 1993 and January 1, 1995, respectively. The Arbitration Award of November 12, 2003, increased the benefit multiplier for service after June 1, 1949 to 2.00% from 1.85% for employees retiring from January 1, 2000 to December 31, 2000, and to 2.15% for employees retiring on and after January 1, 2001. The multiplier for employees retiring before January 1, 2000 remained at 1.85%.

During 1995, a Voluntary Early Retirement Incentive Program was offered, which provided a percentage of 2.05% for employees retiring after January 1, 1994. Employees who met the requirements for early retirement had to respond by February 28, 1995. During 1997, the Plan offered a Voluntary Early Retirement Program to eligible employees who had 25 years of continuous service on or before December 31, 1999, and had not retired prior to January 1, 1997, in the form of a retirement allowance of 2.40% for each year of continuous service, with a maximum retirement allowance of 70% of the employee's annual compensation. All eligible employees who elected to participate were allowed to retire as soon as possible, but no later than December 31, 1999.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 2 PLAN DESCRIPTION (continued)

The Plan permits early retirement at age 55, generally with reduced benefits. However, in the event of early retirement by an employee who has 25 years or more of continuous service, regardless of their age, benefits will not be reduced. In accordance with Public Act 095-0708, for all employees hired after January 17, 2008, eligibility for an unreduced pension benefit has changed to age 64 with 25 years of service. All retirees receive a monthly pension benefit. Married employees can elect to receive their pension benefits in the form of a joint and survivor option.

Death Benefits: Lump-sum death benefits based on age and years of service, ranging from \$2,000 to \$8,000, are paid to the designated beneficiaries. Also, the excess, if any, of employee contributions plus interest on such contributions over pension benefits previously paid to the retiree, and spouse in the case of a survivorship option, is paid to the designated beneficiary.

Disability Allowance: An employee is eligible for a disability allowance if he or she becomes disabled after completing 10 years of continuous service or, if the disability is covered under the Illinois Workers Compensation Act, after completing five years of continuous service. The disability allowance is based on compensation and service to date of the disability, with a minimum benefit of \$400 per month.

Refund of Contributions: A participant's accumulated contributions plus interest (currently 3% annually) are refunded when the participant is separated from service and has less than 10 years of continuous participation, or when a participant with more than 10 years of service is separated and elects to receive a refund of his or her contributions.

Deferred, Vested Retirement: A participant who is separated from service after completing 10 or more years of continuous service who is not eligible for a retirement or disability allowance at separation, and who elects not to receive a refund of his contributions, is entitled to receive, at normal retirement age, a deferred vested pension based on length of service and compensation to date of the separation.

Contributions and Vesting: Contributions from the CTA and employees are based on a percentage of compensation pursuant to various agreements between the CTA and the unions. For years beginning January 1, 2009 through 2040, the amount of contributions to be paid by the CTA, with respect to debt service on bonds issued for contribution to the Plan, is treated as a credit against the amount of required contribution, up to an amount not to exceed 6% of compensation.

Starting January 1, 2018, covered employees are required to contribute 12.010% of their salary to the Plan and the employer is required to contribute 18.019%, which is net of a credit for debt service on pension obligation bonds.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 2 PLAN DESCRIPTION (continued)

During 2017, covered employees were required to contribute 11.962% of their salary to the Plan and the employer was required to contribute 17.925%, which is net of credit for debt service on pension obligations bonds.

Starting January 1, 2016, covered employees were required to contribute 11.962% of their salary to the Plan and the employer was required to contribute 23.925% of compensation, less a credit for debt service of 6%, with a total net employer contribution of 17.925%. During 2013, covered employees were required to contribute 10.125% of their salary to the Plan and the employer is required to contribute 20.25% of compensation, less a credit for debt service of 6%, with a total net employer contribution of 14.250%. During 2012, covered employees were required to contribute 8.65% of their salary to the Plan and the employer was required to contribute 17.30% of compensation, less a credit for debt service of 6%, with a total net employer contribution of 11.30%. During 2011, the employee contribution rate was 8.345% of their salary to the Plan and the employer was required to contribute 16.69% of compensation, less a credit for debt service of 6%, with a total net employer contribution of 10.69%. During 2010, the employee contribution rate was 8.35% of their salary and the required employer contribution rate was 16.69% of compensation, less debt service paid of 6%, with a net employer contribution of 10.69% of compensation. For Plan vear 2009, the employee contribution rate was 6% of their salary and the employer contribution rate was 12% of compensation, less debt service paid, with a total net employer contribution of 6% after the credit. From January 18, 2008 through December 31, 2008, covered employees were required to contribute 6% of their salary to the Plan and the employer was required to contribute 12% of compensation. Prior to January 18, 2008, the CTA's contribution was 6% of total compensation and the employee contribution rate was 3% of total compensation. From January 1997 to June 1997, there were no employer or employee contributions to the pension fund because of a union contract agreement, which enforced a pension holiday. Contributions resumed in July 1997.

In accordance with Public Act 095-0708 (effective January 18, 2008), the CTA issued bonds and notes in the aggregate amount of \$1,348,550,000, of which net proceeds of \$1,110,500,000 were deposited into the Plan during the year ended December 31, 2008. No bond proceeds were received in 2017 and 2016.

Funding Ratio: According to Public Act 095-0708, beginning in 2009 and ending on December 31, 2039, if the funding ratio is projected to decline below 60% in any year before 2040, the Board of Trustees will determine the increased contribution required each year as a level percentage of payroll over the years remaining until 2040, using the projected-unit credit actuarial cost method, so that the funded ratio does not decline below 60%.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 3 INVESTMENTS

Investment Policy: The pension plan's policy regarding the allocation of invested assets is established and may be amended by the Board of Trustees. The primary objective of the Plan's investment policy is to provide a structured approach in implementing the Plan's investment strategies to achieve above-average returns consistent with prudent risk and investment volatility.

To minimize the impact of large losses and to reduce annual variability of returns, the Plan's assets are allocated across major asset classes and diversified broadly within each asset class.

The following was the Board of Trustees' adopted asset allocation policy as of December 31, 2017 and 2016:

	Target A At Dece	
Asset Class	<u>2017</u>	<u>2016</u>
Asset Class		
Fixed income	17%	17%
Domestic equities	28	28
International equities	21	21
Venture capital and partnerships	10	10
Real estate	12	12
Hedge funds	7	7
Infrastructure	5	5

There were no changes to the target asset allocation between December 31, 2017 and 2016.

Rate of Return: For the years ended December 31, 2017 and 2016, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 13.61% and 6.54%, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 4 INVESTMENT SUMMARY

The Plan's investments were held by The Northern Trust Company (TNT) as Trustee under a 1996 trust agreement. TNT is also the custodian for the Plan.

The following table summarizes the Plan's investments by type at December 31, 2017 and 2016 (amounts in thousands):

		2017		2016
Asset-backed securities Bank loans Commercial mortgage-backed securities Corporate bonds Emerging market Global aggregate Government agency securities Government bonds	\$	14,606 37,587 2,827 47,810 55,145 52,600 5,700 49,933	\$	14,497 36,328 4,168 43,517 50,476 53,611 4,299 44,225
Government mortgage-backed securities		38,499		38,882
Government-issued commercial mortgage-backed securities Index-linked government bonds Municipal/provincial bonds Non-government-backed CMOs Guaranteed investment contracts U.S. equities Foreign equities Venture capital and partnerships Real estate—pooled funds Hedge funds Infrastructure Short-term investments and currency positions		2,482 488 1,895 1,640 19,582 515,057 386,923 145,789 248,134 114,687 54,106 53,673	_	1,502 1,564 1,440 1,893 50,699 528,524 317,115 66,585 228,205 193,714
Total investments, at fair value	<u>\$ 1</u>	<u>1,849,163</u>	<u>\$</u> ^	<u>1,725,119</u>

NOTE 5 DEPOSIT AND INVESTMENT RISK

The Plan's deposit and investments are subject to risks, including credit risk, custodial credit risk, concentration of credit risk, interest rate risk and foreign currency risk. The following describes those risks:

Credit Risk: Credit risk is the risk that the issuer or other counterparty to an investment will not fulfill its obligations to pay interest or principal in a timely manner, or that a negative perception of the issuer's ability to make payments will cause a decline in the security's price. One measure of credit risk is the quality ratings issued by national credit rating agencies, such as Moody's Investors Service and Standard & Poor's Financial Services (S&P). The Plan does not have a formal policy regarding aggregate credit quality of fixed-income holdings.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 5 DEPOSIT AND INVESTMENT RISK (continued)

The Plan utilizes external investment management firms to invest in fixed-income securities and credit quality is addressed within the guidelines of the mandate to the investment managers. Unless allowed by the mutually agreed-upon guidelines of the mandate, all securities invested in are investment grade. If a holding falls below investment grade, the manager will immediately notify the Trustees in writing of the event and describe the portfolio manager's plans for dealing with the security.

The following tables provide information on the credit ratings associated with the Plan's investments in debt securities. Ratings were obtained from Standard & Poor's (amounts in thousands):

Notes to Financial Statements December 31, 2017 and 2016

NOTE 5 DEPOSIT AND INVESTMENT RISK (continued)

	December 31, 2017																																																																																						
Investment Type	pe Total AAA AA A BBB BB		BBB BB		BBB BB		BBB BB		BBB BB		ВВВ ВВ		BBB BB		ВВВ ВВ		BBB BB		ВВВ ВВ		ВВ		ВВ		ВВ		ВВ		ВВ		ВВ		ВВ		ВВ		ВВ		ВВ		ВВ		ВВ .		ВВ		BB		ВВ		ВВ		В ВВ		В		сс		СС		D	No	ot Rated		S. Gov't. jencies																						
Asset-backed securities	\$	14,606	\$	5,233	\$	438	\$	-	\$	-	\$	11	\$	58	\$	-	\$	-	\$	-	\$	8,866	\$	-																																																															
Bank loans		37,587		-		-		-		-		-		-		-		-		-		37,587		-																																																															
Commercial mortgage-backed securities		2,827		595		-		-		-		-		-		-		-		-		2,232		-																																																															
Corporate bonds		47,810		375		2,439		14,078		29,524		658		259		-		-		-		477		-																																																															
Emerging market		55,145		-		-		-		-		-		-		-		-		-		55,145		-																																																															
Global aggregate		52,600		-		-		-	-		-		-				-		-		-		52,600		-																																																														
Government agency securities		5,700		1,955		3,593		-		152		-		-		-		-		-		-		-																																																															
Government bonds		49,933		-		431		203		431		-		-		-		-		-		-		48,868																																																															
Government mortgage-backed securities		38,499		-		-		-		-		-		-		-		-		-		2,222		36,277																																																															
Government-issued commercial										-		-										-																																																																	
mortgage-backed securities		2,482		210		-		-		-		-		-		-		-		-		-		2,272																																																															
Index-linked government bonds		488		-		-		-		-		-		-		-		-		-		-		488																																																															
Municipal/provincial bonds		1,895		248		753		154		158		-		-		-		-		-		582		-																																																															
Non-government-backed CMOs		1,640		195		258		252		-		96		-		62		-		55		722		-																																																															
Guaranteed investment contracts		19,582		-	_	-		-								-				-		19,582		-																																																															
Total	\$	330,794	\$	8,811	\$	7,912	\$	14,687	\$	30,265	\$	765	\$	317	\$	62	\$	-	\$	55	\$	180,015	\$	87,905																																																															

							D	ecen	nber 31, 2	2016						
Investment Type	 Total	_	AAA	 м	 Α	 ввв	ВВ		В		сс	 с	 D	Ne	ot Rated	6. Gov't. jencies
Asset-backed securities	\$ 14,497	\$	5,818	\$ 292	\$ 89	\$ -	\$ 20	\$	151	\$	_	\$ _	\$ -	\$	8,127	\$ -
Bank loans	36,328		-	-	-	-	-		-		-	-	-		36,328	-
Commercial mortgage-backed securities	4,168		1,223	-	-	835	-		-		-	-	-		2,110	-
Corporate bonds	43,517		344	2,276	14,571	24,646	1,058		251		-	-	122		249	-
Emerging market	50,476		-	-	-	-	-		-		-	-	-		50,476	-
Global aggregate	53,611		-	-	-	-	-		-		-	-	-		53,611	-
Government agency securities	4,299		-	4,278	-	21	-		-		-	-	-		-	-
Government bonds	44,225		-	197	-	639	198		-		-	-	-		-	43,191
Government mortgage-backed securities	38,882		-	-	-	-	-		-		-	-	-		2,493	36,389
Government-issued commercial																
mortgage-backed securities	1,502		-	-	-	-	-		-		-	-	-		-	1,502
Index-linked government bonds	1,564		-	-	-	-	-		-		-	-	-		-	1,564
Municipal/provincial bonds	1,440		-	718	144	-	-		-		-	-	-		578	-
Non-government-backed CMOs	1,893		-	358	123	-	284		-		94	-	92		942	-
Guaranteed investment contracts	50,699	_	-		-	 						 -	 -		50,699	-
Total	\$ 347,101	\$	7,385	\$ 8,119	\$ 14,927	\$ 26,141	\$ 1,560	\$	402	\$	94	\$ 	\$ 214	\$	205,613	\$ 82,646

Notes to Financial Statements December 31, 2017 and 2016

NOTE 5 DEPOSIT AND INVESTMENT RISK (continued)

Custodial Credit Risk: The custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, the Plan will not be able to recover its deposits or collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, the Plan will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party.

Deposits consist of a certificate of deposit held in the Plan's name by TNT Company; such certificate of deposit is insured by the Federal Deposit Insurance Corporation. Deposits balance at December 31, 2017 and 2016 was \$101,006 and \$100,759, respectively.

Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the Plan, and are held by either the counterparty or the counterparty's trust department or agent but not in the Plan's name. The Plan's master custodian holds all investments of the Plan in the Plan's name. As of December 31, 2017 and 2016, deposits of \$1,758,290 and \$944,640, respectively, were exposed to custodial credit risk as uninsured and uncollateralized. These amounts are included within short-term investments on the statements of fiduciary net position.

Concentration of Credit Risk: Concentration of credit risk is the risk of loss attributed to the magnitude of the Plan's investment in a single issuer. According to the Plan's investment policy, no purchase shall be made which would cause the holding of any one issuer to exceed 10% of the investment manager's portfolio value at market. The Plan does not have a formal policy in regards to aggregate concentration of credit risk. The following investments represent 5% or more of the Plan's fiduciary net position at December 31, 2017 and 2016 (amount in thousands):

	<u> 2017 </u>	2016
Northern Trust Collective S&P 500 Index Fund	\$139,718	\$110,942
Northern Trust Collective MSCI Emerging Markets Fund	\$107,037	\$ 41,994

Interest Rate Risk: The risk that the fair value of debt securities will decrease due to increases in the prevailing market interest rate. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. The Plan manages its exposure to interest rate risk by purchasing a combination of short- and long-term investments and by timing cash flow from maturity evenly over time, as necessary, to provide cash flow and liquidity needed for operations.

The following tables show the segmented time distribution of the Plan's investment maturities based on the investments' cash flows.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 5 DEPOSIT AND INVESTMENT RISK (continued)

At December 31, 2017 and 2016, the Plan had the following investments and maturities related to certain fixed-income securities (amounts in thousands):

		2017	Investment Maturities												
Fair Investment Type Value			Less Than 1 Year		1+ to 6 Years		6+ to 10 Years		More Than 10 Years		Not Determined				
Asset-backed securities	\$	14,606	\$	4	\$	2,726	\$	3,959	\$	7,917	\$	-			
Bank loans		37,587		-		-		-		-		37,587			
Commercial mortgage-backed securities		2,827		-		-		-		2,827		-			
Corporate bonds		47,810		2,578		23,808		11,069		10,355		-			
Emerging market		55,145		-		-		-		-		55,145			
Global aggregate		52,600		-		-		-		-		52,600			
Government agency securities		5,700		-		4,333		1,313		54		-			
Government bonds		49,933		-		15,965		18,759		15,209		-			
Government mortgage-backed securities Government-issued commercial		38,499		281		614		788		36,816		-			
mortgage-backed securities		2,482		-		1,603		879		-		-			
Index-linked government bonds		488		-		-		402		86		-			
Municipal/provincial bonds		1,895		-		-		582		1,313		-			
Non-government-backed CMOs		1,640		-		785		-		855		-			
Guaranteed investment contracts		19,582		4,173		14,074		-		-		1,335			
Total	\$	330,794	\$	7,036	\$	63,908	\$	37,751	\$	75,432	\$	146,667			

		2016	Investment Maturities												
Fair Investment Type Value			ss Than Year		1+ to 6 Years		+ to 10 Years		ore Than O Years	De	Not termined				
Asset-backed securities	\$	14,497	\$	-	\$	3,519	\$	3,710	\$	7,268	\$	-			
Bank loans		36,328		-		-		-		-		36,328			
Commercial mortgage-backed securities		4,168		-		-		-		4,168		-			
Corporate bonds		43,517		2,326		23,920		9,046		8,225		-			
Emerging market		50,476		-		-		-		-		50,476			
Global aggregate		53,611		-		-		-		-		53,611			
Government agency securities		4,299		-		2,027		2,261		11		-			
Government bonds		44,225		-		17,641		13,829		12,755		-			
Government mortgage-backed securities		38,882		-		947		580		37,355		-			
Government-issued commercial															
mortgage-backed securities		1,502		-		1,502		-		-		-			
Index-linked government bonds		1,564		-		702		617		245		-			
Municipal/provincial bonds		1,440		-		-		-		1,440		-			
Non-government-backed CMOs		1,893		-		1,074		-		819		-			
Guaranteed investment contracts		50,699		2,475		36,967		-		-		11,257			
Total	\$	347,101	\$	4,801	\$	88,299	\$	30,043	\$	72,286	\$	151,672			

Notes to Financial Statements December 31, 2017 and 2016

NOTE 5 DEPOSIT AND INVESTMENT RISK (continued)

Foreign Currency Risk: Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. International equity securities purchased by the Plan meet exchange listing requirements; all foreign equities held by the Plan are denominated in U.S. dollars. The Plan has no formal foreign currency risk policy. The Plan's exposure to foreign currency risk is as follows (amounts in thousands):

Type of Investment	•	IS\$) 017	(US\$) 2016		
Short-term investments and					
currency position					
Australian dollar	\$	-	\$	69	
British pound sterling		19		20	
Canadian dollar		1		57	
European euro		67		120	
Hong Kong dollar		-		197	
Japanese yen		208		-	
New Israeli shekel		2		155	
New Zealand dollar		-		17	
Norwegian krone		-		165	
Singapore dollar		39		1	
South Korean won		137		59	
Swedish krona		99		87	
	\$	572	\$	947	

Notes to Financial Statements December 31, 2017 and 2016

NOTE 5 DEPOSIT AND INVESTMENT RISK (continued)

Type of Investment	_	(US\$) 2017	(US\$) 2016
Equities			
Australian dollar	\$	4,406	\$ 3,080
British pound sterling		25,779	23,235
Canadian dollar		7,376	7,532
Danish krone		4,207	2,295
European euro		38,956	34,407
Hong Kong dollar		4,130	3,585
Japanese yen		24,400	20,770
Mexican peso		2,265	1,632
New Israeli shekel		515	564
New Zealand dollar		520	560
Norwegian krone		713	276
Singapore dollar		931	310
South Korean won		3,092	2,379
Swedish krona		1,585	1,310
Swiss franc		15,247	 13,460
	<u>\$</u>	134,122	\$ 115,395

Investment Management Fees

Investment management fees from equity and fixed-income managers, including most of the collective funds, are included in the investment management fees on the statements of changes in fiduciary net position. Investment management fees from funds of short-term investments, hedge, real estate, venture capital and private equity are reflected in the net investment income from such investment products. Such investment management fees are not significant to the Plan.

NOTE 6 FAIR VALUE OF INVESTMENTS

GASB Statement No. 72 (GASB 72), Fair Value Measurements and Application, clarifies the definition of fair value for financial reporting, establishes a framework for measuring fair value, and requires additional disclosures about the use of fair value measurements. GASB 72 established a three-level valuation hierarchy for disclosure of fair value measurements. The valuation hierarchy is based upon the transparency of inputs to the valuation of an asset or liabilities as of the measurement date. The three levels are defined as follows:

Notes to Financial Statements December 31, 2017 and 2016

NOTE 6 FAIR VALUE OF INVESTMENTS (continued)

- Level 1: Observable market inputs that are unadjusted quoted prices for identical assets or liabilities in active markets that a government can access at the measurement date.
- Level 2: Inputs other that quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly.
- Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The Plan categorized its fair value measurements within the fair value hierarchy established by U.S. GAAP. The Plan has the following recurring fair value measurements as of December 31, 2017 and 2016 (amounts in thousands):

Name				Fair Value Measurements Using						
Fixed-income investments Asset-backed securities \$ 14,606 \$ - \$ 9,735 \$ 4,871 Limited partnership - Bank loans 37,587 - - 37,587 Commercial mortgage-backed securities 2,827 - 2,827 - Corporate bonds 47,810 - 47,810 - Government agency securities 5,700 - 5,700 - Government bonds 50,421 - 50,421 - Government mortgage-backed securities 38,499 - 38,499 - Government-issued commercial mortgage-backed securities 2,482 - 2,482 - Municipal/provincial bonds 1,895 - 1,895 - Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments Corporate stocks 519,969 519,969 - - - Common and collective trusts 355,748 <		1	12/31/2017		rices in Active arkets for lentical Assets	Other Observable Inputs		Uno	bservable Inputs	
Asset-backed securities \$ 14,606 \$ - \$ 9,735 \$ 4,871 Limited partnership - Bank loans 37,587 37,587 Commercial mortgage-backed securities 2,827 - 2,827 - 2,827 - Corporate bonds 47,810 - 47,810 - 5,700 - Government agency securities 5,700 - 5,700 - 5,700 - Government bonds 50,421 - 50,421 - 50,421 - Government mortgage-backed securities 38,499 - 38,499 - Government-issued commercial mortgage-backed securities 2,482 - 2,482 - Municipal/provincial bonds 1,895 - 1,895 - 1,895 - Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments Corporate stocks 519,969 519,969 Common and collective trusts 355,748 54,106 301,642 - Total equity investments 875,717 574,075 301,642 145,789 Private equity funds Private equity funds Total private equity 1 196,097 1 196,097 Total investments by	Investments by fair value level									
Limited partnership - Bank loans 37,587 - - 37,587 Commercial mortgage-backed securities 2,827 - 2,827 - Corporate bonds 47,810 - 47,810 - Government agency securities 5,700 - 5,700 - Government bonds 50,421 - 50,421 - Government mortgage-backed securities 38,499 - 38,499 - Government-issued commercial mortgage-backed securities 2,482 - 2,482 - Municipal/provincial bonds 1,895 - 1,895 - Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments 519,969 519,969 - - - Common and collective trusts 355,748 54,106 301,642 - Total equity investments 875,717 574,075 301,642 - Private equity - no	Fixed-income investments									
Commercial mortgage-backed securities 2,827 - 2,82	Asset-backed securities	\$	14,606	\$	-	\$	9,735	\$	4,871	
backed securities	·		37,587		-		-		37,587	
Corporate bonds 47,810 - 47,810 - Government agency securities 5,700 - 5,700 - Government bonds 50,421 - 50,421 - Government mortgage-backed securities 38,499 - 38,499 - Government-issued commercial mortgage-backed securities 2,482 - 2,482 - Municipal/provincial bonds 1,895 - 1,895 - Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments Corporate stocks 519,969 519,969 - - - - Common and collective trusts 355,748 54,106 301,642 - - Total equity investments 875,717 574,075 301,642 - Private equity funds - - - 145,789 Real estate - closed-end funds 50,308 - - -	0 0									
Sovernment agency securities 5,700 - 5,700 -					-		, -		-	
Government bonds	•		•		-				-	
Government mortgage-backed securities 38,499 - 38,499 - 38,499 - Government-issued commercial mortgage-backed securities 2,482 - 2,482 - 1,895 - 1,895 - 1,895 - 1,895 - 1,895 - 1,895 - 1,640 - 990 650 - 1,640 - 990 650 - 1,640 - 1	5 ,		5,700		-		5,700		-	
backed securities 38,499 - 38,499 - Government-issued commercial mortgage-backed securities 2,482 - 2,482 - Municipal/provincial bonds 1,895 - 1,895 - Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments 519,969 519,969 - - - Corporate stocks 519,969 519,969 - - - - Common and collective trusts 355,748 54,106 301,642 - - Total equity investments 875,717 574,075 301,642 - - Private equity funds - - - 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - - 50,308 Total private equity 196,097 - - - 196,097 Total investments by <td></td> <td></td> <td>50,421</td> <td></td> <td>-</td> <td></td> <td>50,421</td> <td></td> <td>-</td>			50,421		-		50,421		-	
Government-issued commercial mortgage-backed securities	0 0									
mortgage-backed securities 2,482 - 2,482 - Municipal/provincial bonds 1,895 - 1,895 - Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments 519,969 - - - - Corporate stocks 519,969 519,969 - - - - Common and collective trusts 355,748 54,106 301,642 - - Total equity investments 875,717 574,075 301,642 - - Private equity funds - - - 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - - 50,308 Total private equity 196,097 - - - 196,097 Total investments by - - - - 196,097			38,499		-		38,499		-	
Municipal/provincial bonds 1,895 - 1,895 - Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments 519,969 - - - - Corporate stocks 519,969 519,969 - - - - Common and collective trusts 355,748 54,106 301,642 - - Total equity investments 875,717 574,075 301,642 - - Private equity funds - - - 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - - 50,308 Total private equity 196,097 - - - 196,097 Total investments by - - - 196,097										
Non-government-backed CMOs 1,640 - 990 650 Total fixed-income investments 203,467 - 160,359 43,108 Equity investments 519,969 519,969 - - - Common and collective trusts 355,748 54,106 301,642 - Total equity investments 875,717 574,075 301,642 - Private equity funds - - 145,789 Private equity - non-real estate focused 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - 50,308 Total private equity 196,097 - - - 196,097 Total investments by	0 0				-				-	
Total fixed-income investments 203,467 - 160,359 43,108 Equity investments 519,969 519,969 - - - Common and collective trusts 355,748 54,106 301,642 - Total equity investments 875,717 574,075 301,642 - Private equity funds - - 145,789 Private equity - non-real estate focused 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - 50,308 Total private equity 196,097 - - 196,097 Total investments by			,		-		,		-	
Equity investments Corporate stocks 519,969 519,969 - - - Common and collective trusts 355,748 54,106 301,642 - Total equity investments 875,717 574,075 301,642 - Private equity funds Private equity - non-real estate focused 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - 50,308 Total private equity 196,097 - - 196,097 Total investments by	Non-government-backed CMOs		1,640				990		650	
Corporate stocks 519,969 519,969 -	Total fixed-income investments		203,467				160,359		43,108	
Corporate stocks 519,969 519,969 -	Equity investments									
Total equity investments 875,717 574,075 301,642 - Private equity funds Private equity - non-real estate focused 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - 50,308 Total private equity 196,097 - - 196,097 Total investments by			519,969		519,969		-		_	
Private equity funds Private equity - non-real estate focused 145,789 - - 145,789 Real estate - closed-end funds 50,308 - - 50,308 Total private equity 196,097 - - 196,097 Total investments by	Common and collective trusts		355,748		54,106		301,642		-	
Private equity - non-real estate focused Real estate - closed-end funds 145,789 - - 145,789 Total private equity 50,308 - - 50,308 Total private equity 196,097 - - 196,097 Total investments by	Total equity investments		875,717		574,075		301,642			
Private equity - non-real estate focused Real estate - closed-end funds 145,789 - - 145,789 Total private equity 50,308 - - 50,308 Total private equity 196,097 - - 196,097 Total investments by	Private equity funds									
Real estate - closed-end funds 50,308 - - 50,308 Total private equity 196,097 - - 196,097 Total investments by	• •		145.789		_		_		145.789	
Total investments by					-				-	
·	Total private equity		196,097						196,097	
·	Total investments by		_		_					
ψ 1,210,201 ψ 314,010 ψ 402,001 ψ 203,200	fair value level	\$	1,275,281	\$	574,075	\$	462,001	\$	239,205	

Notes to Financial Statements December 31, 2017 and 2016

NOTE 6 FAIR VALUE OF INVESTMENTS (continued)

			Fair Val	ue Me	easurement	ts Usir	ng
		Р	rices in	C:	muisi aans		
					_	0:	!6!4
							gnificant
							bservable
401	04/0040	_			•		Inputs
12/	31/2016	<u>(L</u>	.evel 1)	(L	_evel 2)	(L	_evel 3)
\$	14 497	\$	_	\$	9 637	\$	4,860
*	,	*	_	*	-	•	36,328
	,						,
	4,168		_		4,168		_
	43,517		-		43,517		-
	4,299		-		4,299		-
	45,789		-		45,789		-
	38,882		-		38,882		-
	1,502		-		1,502		-
	1,440		-		1,440		-
	1,893		-		1,543		350
	192,315				150,777		41,538
	545,731		545,731		_		-
	201,710				201,710		-
	747,441		545,731		201,710		
	66,585		_		_		66,585
	54,180						54,180
	120,765						120,765
\$ 1	,060,521	\$	545,731	\$	352,487	\$	162,303
	\$	36,328 4,168 43,517 4,299 45,789 38,882 1,502 1,440 1,893 192,315 545,731 201,710 747,441 66,585 54,180 120,765	\$ 14,497 \$ (L	Quoted Prices in Active Markets for Identical Assets 12/31/2016 (Level 1) \$ 14,497 \$ - 36,328 - 4,168 - 43,517 - 4,299 - 45,789 - 38,882 - 1,502 - 1,440 - 1,893 - 192,315 - 545,731 201,710 - 747,441 545,731 66,585 - 54,180 - 120,765	Quoted Prices in Active Markets for Identical Assets 12/31/2016 (Level 1) (I \$ 14,497 \$ - \$ \$ (Level 1) (I \$ 14,497 \$ - \$ \$ (Level 1) (I \$ 14,497 \$ - \$ \$ (Level 1) (I \$ 14,497 \$ - \$ \$ (Level 1) (I \$ 14,68 - \$ \$ (Level 1) (I \$ 14,68 - \$ \$ (Level 1) \$ (Level 1) (I \$ 1,68 - \$ \$ (Level 1) (I (I \$ 1,68 - \$ \$ (Level 1) (I (I \$ 1,68 - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Quoted Prices in Active Markets for Identical Assets (Level 1) Significant Other Observable Inputs (Level 2) \$ 14,497 \$ - \$ 9,637 36,328 \$ 4,168 43,517 - 4,299 - 4,299 45,789 - 45,789 - 45,789 38,882 - 38,882 - 38,882 - 1,502 1,440 - 1,440 1,893 - 1,543 192,315 - 150,777 \$ 1,502 - 1,502 1,440 1,893 - 1,543 1 - 201,710	Prices in Active Markets for Identical Assets (Level 1) (Level 2) (Inputs (Level 2) (Inputs (1,4497

Notes to Financial Statements December 31, 2017 and 2016

NOTE 6 FAIR VALUE OF INVESTMENTS (continued)

		Decem	ber 3	31,
		2017		2016
Investments measured at net asset value (NAV) Emerging market debt collective trust Global plus trust fund Emerging markets fund Emerging markets small-cap Real estate funds - open-end funds Hedge funds	\$	55,145 52,600 25,000 55,369 197,826 114,687	\$	50,476 53,611 52,980 45,218 174,025 193,714
Total investments measured at NAV		500,627		570,024
Total investments by fair value level	\$ 1	,775,908	\$ 1	,630,545
Investments not subject to fair value leveling Guaranteed investment contracts Short-term investments and currency positions	\$	19,582 53,673	\$	50,699 43,875
Total investments not subject to fair value leveling	\$	73,255	\$	94,574

Equity securities classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets for those securities.

Equity funds and fixed-income securities classified in Level 2 of the fair market hierarchy are valued using either a bid evaluation or a matrix pricing technique maintained by various pricing vendors. Bid evaluations may include market quotations, yields, maturities, call features and ratings. Matrix pricing is used to value securities based on the securities' relationship to benchmark quoted prices.

Fixed-income investments and private equity funds classified in Level 3 of the fair value hierarchy are securities whose stated market price is unobservable by the market place. Many of these securities are priced by the issuers of industry groups. These prices are obtained from various pricing sources by the Fund's custodian bank.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 6 FAIR VALUE OF INVESTMENTS (continued)

The valuation method for investments measured at NAV per share (or its equivalent) is presented on the following tables (amounts in thousands):

				2	2017	
Investments measured at NAV		Fair Value	-	nfunded nmitments	Redemption Frequency (if Currently Eligible)	Redemption Notice Period
Emerging market debt collective trust Global plus trust fund Emerging markets fund Emerging markets small-cap fund Real estate open-end funds Hedge funds	\$	55,145 52,600 25,000 55,369 197,826 114,687	\$	- - - - -	Daily Daily Daily Daily Quarterly Quarterly	1 to 5 days 1 day 1 to 7 days 10 days 90 days 90 days
Total investments measured at NAV	\$	500,627				
Private equity - non-real estate Real estate - closed-end funds	\$ \$	145,789 50,308	\$ \$	166,517 12,751	NA NA	NA NA
				2	2016	
Investments measured at NAV		Fair Value		nfunded nmitments	Redemption Frequency (if Currently Eligible)	Redemption Notice Period
Emerging market debt collective trust Global plus trust fund Emerging markets fund Emerging markets small-cap fund Real estate open-end funds Hedge funds	\$	50,476 53,611 52,980 45,218 174,025 193,714	\$	- - - - 17,071	Daily Daily Daily Daily Quarterly Quarterly	1 to 5 days 1 day 1 to 7 days 10 days 90 days 90 days
Total investments measured at NAV	\$	570,024				
Private equity - non-real estate Real estate - closed-end funds	\$ \$	66,585 54,180	\$ \$	123,692 24,539	NA NA	NA NA

Emerging market debt collective trust fund. This type includes investments in one fund that invests in a diversified portfolio of debt securities and other permitted investments. The fair value in this type of investment has been determined using the NAV per unit of the fund and is calculated on each business day by dividing the total value of assets, less liabilities, by the number of units outstanding.

Global plus trust fund. This fund will invest in a portfolio of fixed-and floating-rate debt securities and debt obligations of governments or government-related issuers worldwide as well as derivatives. Units of the fund are issued and redeemed at NAV per unit as determined on the valuation date.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 6 FAIR VALUE OF INVESTMENTS (continued)

Emerging markets fund. This fund invests in equity securities of issuers in emerging markets. The fair value in this type of investment has been determined using the NAV per unit of the Fund and is calculated on each business day by dividing the total value of assets, less liabilities, by the number of units outstanding.

Emerging markets small-cap fund. This fund invests primarily in equity securities of small to mid-capitalization companies. The fair value in this type of investment has been determined using the NAV per unit of the fund and is calculated on each business day by dividing the total value of assets, less liabilities, by the number of units outstanding.

Real estate funds. This type of fund consists of 15 core, value-add, and opportunistic real estate funds. Six funds are open-end private and provide liquidity to investors quarterly, subject to each fund's ability to honor investment and redemption requests. The remaining closed-end private real estate funds includes finite-life pooled private market investment vehicles that are typically structured as limited partnerships, where the investors are limited partners (LPs) and the fund sponsor/manager is the general partner (GP). The LPs have limited control and limited liability. The fair value of the investments in these types have been determined using the NAV per share (or its equivalent) of the investments.

Hedge funds. This type of fund consists of eight equity long/short, event-driven, multi-strategy, distressed debt and hedged equity fund of funds. The fair value of the investments in these types has been determined using the NAV per share (or its equivalent) of the investments.

Private equity. These investments can never be redeemed with the funds. Instead, the nature of the investments in this type is that distributions are received through the liquidation of the underlying assets of the fund. The fair value of investments in certain private equity funds has been determined using recent observable transaction information for similar investments and non-binding bids received from potential buyers of the investments.

NOTE 7 NET PENSION LIABILITY OF THE EMPLOYER (CTA)

The components of the net pension liability of the CTA at December 2017 and 2016 were as follows (amounts in thousands):

	2017	2016
Total pension liability Plan fiduciary net position	\$ 3,522,803 _(1,865,901)	\$ 3,456,992 _(1,736,369)
CTA's net pension liability	<u>\$ 1,656,902</u>	<u>\$ 1,720,623</u>
Plan fiduciary net position as a percentage of the total pension liability	52.97%	50.23%

Notes to Financial Statements December 31, 2017 and 2016

NOTE 7 NET PENSION LIABILITY OF THE EMPLOYER (CTA) (continued)

Actuarial Assumptions: The total pension liability was determined by an actuarial valuation as of December 31, 2017 and 2016, using the following actuarial assumptions, applied to all periods included in the measurement:

	2017	2016
Inflation	3.25%	3.25%
Salary increases Years of service		
1	9%	9%
2	11%	11%
3	16%	16%
4	5%	5%
Equal to or more than 5	4%	4%
Investment rate of return (net of pension plan investment		
expense, including inflation)	8.25%	8.25%

For 2017 and 2016, the mortality rates for active members and retirees and survivors were based on the RP-2000 Blue Collar Table, base year 2000 fully generational based on Scale BB. Mortality rates for Disabled Employees were based on the RP-2000 Disabled Table, base year 2000 fully generational based on Scale BB.

The actuarial assumptions used in the December 31, 2017 and 2016 valuation were based on the results of an actuarial experience study covering plan years from January 1, 2008 through December 31, 2012.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of December 31, 2017 and 2016 are summarized in the following table:

Notes to Financial Statements December 31, 2017 and 2016

NOTE 7 NET PENSION LIABILITY OF THE EMPLOYER (CTA) (continued)

Long-Term Expected Real Rate of Return

Asset Class	2017	2016
Fixed income	1.31%	1.39%
Domestic equities	9.41	9.38
International equities	8.37	8.31
Venture capital and partnerships	12.54	12.52
Real estate	6.91	6.82
Hedge funds	4.66	4.66
Infrastructure	6.72	6.73

Discount Rate: The discount rate used to measure the total pension liability was 8.25%. The projection of cash flows used to determine the discount rate assumed that Plan members and employer contributions will continue to follow the current funding policy. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate: The following presents the net pension liability of the CTA, calculated using the discount rate of 8.25%, as well as what the CTA's net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower (7.25%) or 1 percentage point higher (9.25%) than the current rate (amounts in thousands):

	1%	Current	1%
	Decrease	Discount	Increase
Net Pension Liability	(7.25%)	Rate (8.25%)	(9.25%)
December 31, 2017	\$1,997,031	\$1,656,902	\$1,365,529

NOTE 8 DERIVATIVES

The Plan's investment managers may enter into derivative transactions as permitted by their guidelines for hedging or risk reduction, but not for speculative purposes. A derivative financial instrument's payoff depends on the value of an underlying security, such as bond or stock prices, a market index, or commodity prices. Derivative financial instruments involve credit risk and market risk in varying degrees. The Plan did not invest in derivative instruments during 2017 and 2016.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 9 SECURITIES LENDING PROGRAM

On July 10, 1996, the Board of Trustees entered into a securities lending agreement with TNT. The Plan participates in TNT's securities lending program by lending certain securities to borrowers, thereby earning additional income, which is included in net investment income on the statement of changes in fiduciary net position. Loans of securities through TNT are collateralized by cash, letters of credit, or securities issued or guaranteed by the U.S. government or its agencies, equal to at least 102% of the current fair value of the loaned U.S. securities and 105% of the current fair value of the loaned non-U.S. securities. There are risks associated with lending securities, with the most significant being the risk that a borrower may fail to return a portfolio security.

Additionally, the Plan would be exposed to the credit risk of the borrower should the market value of the securities loaned exceed the market value of the collateral pledged. At year-end 2017 and 2016, the Plan has no credit risk exposure to borrowers because the amounts the Plan owes the borrowers exceed the amounts the borrowers owe the Plan.

All securities loans can be terminated on demand by either the Plan or the borrower. At December 31, 2017 and 2016, the average term of the loans was 75 and 130 days, respectively. Cash collateral is invested in the lending agent's short-term investment pool, which at year-ended 2017 and 2016 had an interest sensitivity of 27 days and 28 days, respectively. The relationship between the maturities of the investment pool and the Plan's loans is affected by the maturities of the securities loans made by other entities that use the agent's pool, which the Plan cannot determine. The Plan cannot pledge or sell collateral securities received unless the borrower defaults.

Loans outstanding as of December 31, 2017 and 2016 were as follows (amounts in thousands):

	2017	2016
Fair value of securities loaned for cash collateral Fair value of securities loaned for non-cash collateral	\$ 119,728 	\$ 122,719
Total fair value of securities loaned	<u>\$ 119,728</u>	<u>\$ 122,719</u>
Fair value of cash collateral from borrowers Fair value of non-cash collateral from borrowers	\$ 122,896 	\$ 125,958
Total fair value of collateral from borrowers	<u>\$ 122,896</u>	<u>\$ 125,958</u>

NOTE 10 UNFUNDED INVESTMENT COMMITMENTS

The Plan had unfunded commitments of approximately \$179.27 million at December 31, 2017 and \$165.3 million at December 31, 2016 in connection with real estate and private equity investments.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 11 RISKS AND UNCERTAINTIES

The Plan invests in investment securities that are exposed to various risks, such as interest rate, market volatility, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term. The changes could materially affect the amounts reported in the statement of fiduciary net position.

Contributions to the Plan and the actuarial information included in the required supplementary information are reported based on certain assumptions pertaining to interest rates, inflation rates, and employee compensation and demographics. Due to the changing nature of these assumptions, it is reasonably possible that changes in these assumptions may occur in the near term and, due to the uncertainties inherent in setting assumptions, that the effect of such changes could be material to the financial statements.

The actuarial valuations involve estimates of the value of reported amounts and assumptions about the probability of events far into the future. Because actuarial calculations reflect a long-term perspective, actuarially determined amounts are subject to continual revision, as results are compared to past expectations and new estimates made about the future. Examples include assumptions about mortality, investment returns, and future employment.

The Plan is subject to various claims and legal proceedings arising in the ordinary course of business which, in management's opinion, will be resolved without any material adverse effect on the Plan's financial position or changes in its financial position.

NOTE 12 LEGAL PROCEEDINGS

Matthews v. Chicago Transit Authority, et al., No. 11 CH 15446 (Circuit Court of Cook County, Illinois). On April 26, 2011, Plaintiffs Jerry Matthews, Jerry Williams, Tommy Sams, Cynthia Boyne and Charles Brown, all employees and retirees of the Chicago Transit Authority, filed suit against the Chicago Transit Authority (CTA) and against the Retirement Plan for Chicago Transit Authority Employees, the Board of Trustees of the Retirement Plan for Chicago Transit Authority Employees, the Retiree Health Care Trust, and the Board of Trustees of the Retiree Health Care Trust (collectively, the "Plan and Trust Defendants"). The claims were brought on behalf of two purported classes. Class I, consisted of CTA employees who were currently employed by the CTA or those who retired after January 1, 2007.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 12 LEGAL PROCEEDINGS (continued)

Generally, the plaintiffs challenged the reduction of healthcare benefits for retirees in the 2007 Collective Bargaining Agreement (CBA) governing CTA employees, and the related provisions of 40 ILCS 5/22-101B, which require retirees to pay up to 45% of the cost of their healthcare benefits.

On May 5, 2016, the Illinois Supreme Court affirmed the appellate court's judgment in part and reversed in part. 2016 IL 117638. The Supreme Court determined that the Class II plaintiffs, the current employees and those who retired after January 1, 2007, lacked standing to challenge the 2007 CBA and affirmed the dismissal of all of their claims. The Supreme Court found that the Class I plaintiff, Jerry Williams, who retired prior to the expiration of the 2004 CBA had standing to challenge the modification to healthcare benefits pursuant to the 2007 CBA. The Supreme Court also found that the Class I plaintiff sufficiently stated a cause of action against the Plan and Trust Defendants for breach of contract, for declaratory judgment, and for violation of the pension protection clause because the 2004 CBA constituted an enforceable, vested right as to those who retired before the expiration of that agreement. Finally, the Supreme Court held that the retired employees were not entitled to pursue their claim of promissory estoppel against the CTA because they sought to enforce an obligation that went beyond the terms of the 2004 CBA. The Supreme Court remanded the case to the Circuit Court for further proceedings.

The case is now back in the Circuit Court. On May 31, 2017, Plaintiffs were granted leave to file a First Amended Complaint, which removed named plaintiffs whose claims were dismissed, removed CTA as a defendant, and largely removed dismissed claims. The First Amended Complaint lists Jerry Williams as the first named plaintiff, and adds two retiree named plaintiffs, Stewart Cooke and Larry Whitehead. The case is now captioned *Williams et al. v. Retirement Plan for Chicago Transit Authority Employees, et al.*

The Retirement Plan for Chicago Transit Authority Employees and the Board of Trustees of the Retirement Plan for Chicago Transit Authority Employees ("Retirement Plan Defendants") filed a motion to dismiss a portion of the First Amended Complaint, specifically the allegations challenging the composition of the Retirement Plan Board, and answered the remaining counts. In response to the Retirement Plan Defendants' motion, Plaintiffs moved to voluntary dismiss their claims and allegations challenging the composition of the Retirement Plan Board and the Retiree Health Care Trust Board from the First Amended Complaint.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 12 LEGAL PROCEEDINGS (continued)

The Retiree Health Care Trust and the Board of Trustees of the Retiree Health Care Trust Defendants ("Health Care Trust Defendants") also filed a motion to dismiss all counts of the First Amended Complaint for failure to state a claim. On November 20, 2017, the Court granted the Health Care Trust Defendants motion to dismiss the breach of contract claim, and gave Plaintiffs leave to replead. On December 22, 2017, Plaintiffs filed a Second Amended Complaint. The Health Care Trust Defendants again filed a motion to dismiss the breach of contract Claim of the Second Amended Complaint. On July 12, 2018, the Court granted the motion, and again gave Plaintiffs leave to replead. On August 3, 2018, Plaintiffs filed their Third Amended Complaint. On September 7, 2018, the Health Care Trust Defendants filed a motion to dismiss the breach of contract claim of the Third Amended Complaint. That motion is being briefed; no hearing date has been set.

On September 7, 2018, Retirement Plan Defendants filed an Answer and Affirmative Defenses to the Third Amended Complaint, the Counterclaims against the Plaintiffs and Health Care Trust Defendants.

The parties are engaged in discovery and motions related to discovery disputes. After discovery, we anticipate the Plaintiffs will file a motion for class certification for the claims asserted in the Third Amended Complaint. The Retirement Plan is vigorously defending the matter. At this time, we are unable to determine the amount or range of any potential loss in the event of an unfavorable outcome.

NOTE 13 PRIORITIES AT PLAN TERMINATION

While the CTA intends to maintain the Plan permanently, should the Plan terminate, the Plan's fiduciary net position held in trust for pension benefits would be allocated and used generally to provide the following, in the order indicated:

- a. Refunds of participant contributions plus interest, less benefits paid.
- b. Retirement and disability benefits to participants who have retired or reached age 65 on the date of termination.
- c. In the event a balance remains, it will be used to provide for reduced retirement and disability benefits for all other participants.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 14 TAX STATUS

The IRS issued a letter of determination dated March 8, 2017, stating that the Plan meets the requirements of a governmental plan under Section 414(d) of the Internal Revenue Code (the Code). Such determination was made on the condition that the Plan adopt two proposed amendments. The first proposed amendment is to add a new subparagraph to the first paragraph of Rule No. 14, in order to update the Plan's definition of compensation to include differential wage payments to comply with the HEART Act. The second proposed amendment is to revise the second sentence of the last paragraph of Rule No. 30, in order to explicitly provide that all distributions from the Plan will be made in accordance with Income Tax Regulations Sections 1.401(a)(9)-2 through 1.401(a)(9)-9. Both amendments were approved by the Board at the monthly meeting on May 25, 2017.

The Plan is required to operate in conformity with the Code to maintain this qualification. The Plan's management is not aware of any course of action or series of events that have occurred, which may adversely affect the Plan's tax status.

NOTE 15 OPERATING LEASE

During 2013, the Plan entered into a new lease agreement for office space, which expires on December 31, 2028. Concurrently with the execution of the lease, the Plan has deposited \$100,000 in the form of an irrevocable letter of credit. At December 31, 2017, the remaining future rental lease payments are as follows (amounts in thousands):

<u>Year</u>	Am	<u>iount</u>
2018	\$	83
2019		85
2020		87
2021		89
2022		91
Thereafter		<u>546</u>
	\$	981

Rent and utilities paid by the Plan were \$112,000 in 2017 and \$107,000 in 2016. The amount of rent paid for 2017 and 2016 represents 75% of the total amount paid by the Plan. The other 25% is reimbursed by the CTA Retiree Health Care Plan based on management's expense allocation for the shared office space.

Notes to Financial Statements December 31, 2017 and 2016

NOTE 16 SUBSEQUENT EVENTS

Starting January 1, 2019, covered employees are required to contribute 12.010% of their salary to the Plan and the employer is required to contribute 18.019%, which is net of a credit for debt service on pension obligation bonds.



Schedule of Changes in the Employer's Net Pension Liability and Related Ratios (Unaudited)

	 2017	2016		2015		 2014	
Total pension liability							
Service cost	\$ 50,432,791	\$	50,111,555	\$	51,357,649	\$ 49,066,078	
Interest	278,183,536		269,898,773		264,578,983	259,592,822	
Difference between expected and actual experience	13,679,323		51,517,655		13,082,408	-	
Benefit payments, including refunds of member contributions	 (276,485,263)		(266,566,974)		(260,141,627)	 (246,037,562)	
Net change in total pension liability	65,810,387		104,961,009		68,877,413	62,621,338	
Total pension liability - beginning	3,456,992,119		3,352,031,110		3,283,153,697	3,220,532,359	
Total pension liability - ending	\$ 3,522,802,506	\$	3,456,992,119	\$	3,352,031,110	\$ 3,283,153,697	
Plan's fiduciary net position							
Contributions - employer	\$ 104,523,053	\$	83,855,066	\$	82,799,918	\$ 82,268,465	
Contributions - member	70,285,731		59,560,473		58,993,284	58,566,279	
Net investment income	233,739,435		118,613,412		8,230,003	71,524,132	
Benefit payments, including refunds of member contributions	(276,485,263)		(266,566,974)		(260,141,627)	(246,037,562)	
Administrative expense	(2,531,493)		(2,309,231)		(2,577,197)	(3,123,365)	
Net change in plan fiduciary net position	 129,531,463		(6,847,254)		(112,695,619)	 (36,802,051)	
Plan's fiduciary net position - beginning	 1,736,369,178		1,743,216,432		1,855,912,051	 1,892,714,102	
Plan's fiduciary net position - ending	\$ 1,865,900,641	\$	1,736,369,178	\$	1,743,216,432	\$ 1,855,912,051	
Net pension liability - ending	\$ 1,656,901,865	\$	1,720,622,941	\$	1,608,814,678	\$ 1,427,241,646	
Plan's fiduciary net position as a percentage of the total	FO 070/		50.000/		50.00%	FO F00/	
pension liability	52.97%		50.23%		52.00%	56.53%	
Covered-employee payroll	\$ 595,046,668	\$	575,443,885	\$	573,548,196	\$ 564,827,965	
Employer's net pension liability as a percentage of covered-employee payroll	278.45%		299.01%		280.50%	252.69%	

The above information is required beginning in 2014. Information for the next six years will be presented in future years.

See accompanying Independent Auditor's Report.

Schedule of Employer Contributions (Amounts in thousands) (Unaudited)

	 2017	2016	2015	2014	 2013	2012	2011	2010	2009	 2008
Employer portion of required contribution contribution on a statutory basis*	\$ 106,662	\$ 82,001	\$ 81,731	\$ 80,488	\$ 102,800	\$ 61,982	\$ 55,976	\$ 56,474	\$ 34,030	\$ 53,473
Actual employer contributions	104,523	 83,855	82,800	82,268	79,518	62,788	60,318	56,216	41,448	 1,165,947
Contribution deficiency (excess)	\$ 2,139	\$ (1,854)	\$ (1,069)	\$ (1,780)	\$ 23,282	\$ (806)	\$ (4,342)	\$ 258	\$ (7,418)	\$ (1,112,474)
Covered-employee payroll	\$ 595,047	\$ 575,444	\$ 573,548	\$ 564,827	\$ 550,616	\$ 548,515	\$ 541,354	\$ 528,288	\$ 567,173	\$ 594,139
Contributions as a percentage of covered- employee payroll	17.92%	14.25%	14.25%	14.25%	18.67%	11.30%	10.34%	10.69%	6.00%	9.00%

^{*}Actuarially determined contributions.

Schedule of Investment Returns (Unaudited)

	2017	2016	2015	2014
Annual money-weighted rate of return,				
net of investment expense	13.61%	6.54%	(0.27)%	4.70%

The above information is required beginning in 2014. Information for the next six years will be presented in future years.

Notes to Required Supplementary Information (Unaudited)

Actuarial Methods and Assumptions

The total pension liability as of December 31, 2017 was determined by rolling forward the total pension liability as of January 1, 2016 to December 31, 2017 using the following actuarial methods and assumptions that were applied to all periods included in the measurement.

Valuation date: January 1, 2017

Actuarial cost method: Entry Age Normal – Level Percentage of Pay

Amortization method: For pension expense, the difference between expected

and actual liability experience and changes of assumptions are amortized over the average of the expected remaining service lives of all members. The difference between projected and actual earnings is amortized over a closed

period of five years.

Inflation rate: 3.25%

Projected salary increases: 9% for 1 year of service, 11% for 2 years of service, 16%

for 3 years of service, 5% for 4 years of service, and 4%

thereafter.

Investment rate of return: 8.25%

Retirement age: Normal retirement age is 65

Mortality: Active – RP2000 Blue Collar Table, base year 2000 fully

generational based on Scale BB.

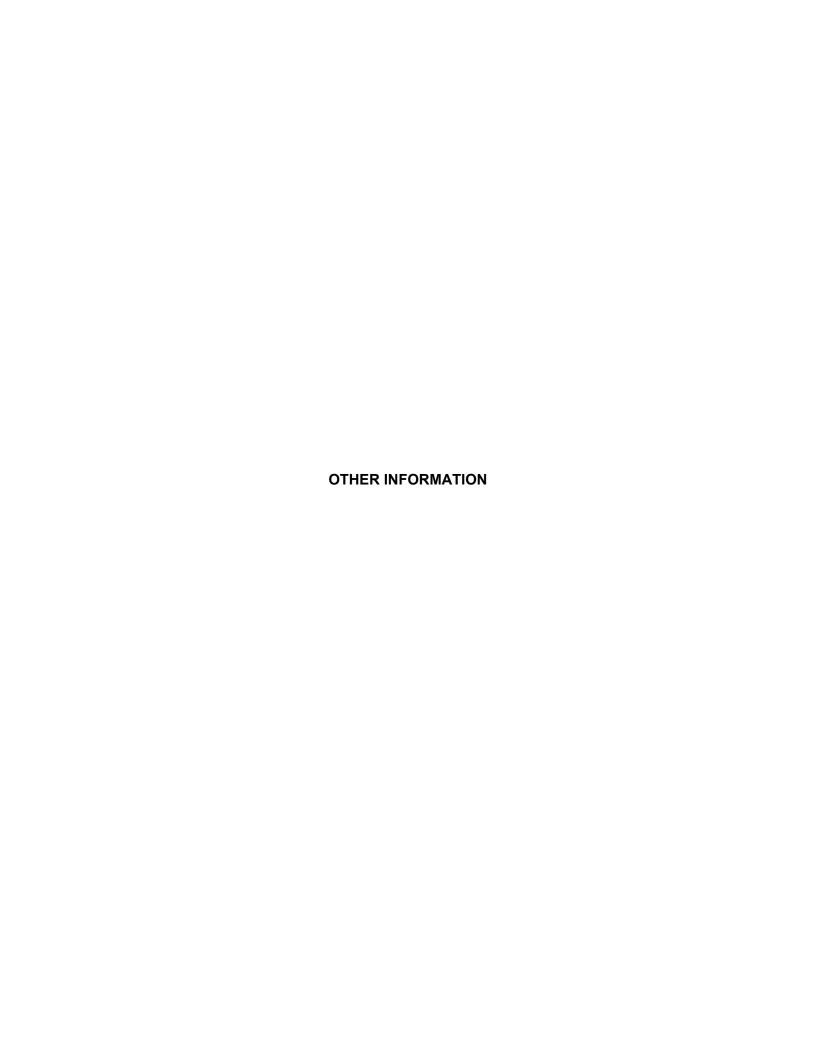
Retirees & Survivors – RP2000 Blue Collar Table, base

year 2000 fully generational based on Scale BB.

Experience study: The actuarial assumptions used were based on the results

of an actuarial experience study covering plan years from

January 1, 2008 through December 31, 2012.



Schedule of Investment and Administrative Expenses For the Years Ended December 31, 2017 and 2016 (Amounts in thousands)

	2017	2016
INVESTMENT EXPENSES Investment management fees Investment consultant Trustee fees Reporting and monitoring	\$ 6,188 325 329 	\$ 6,117 325 322
Total investment expenses	<u>\$ 6,849</u>	<u>\$ 6,792</u>
ADMINISTRATIVE EXPENSES Personal services Staff salaries and fringe benefits	<u>\$ 1,023</u>	<u>\$ 1,060</u>
Professional services Actuarial Auditing Data processing Legal Benefit payments administration Disability administration	59 85 115 669 262 <u>365</u>	69 90 108 420 259 338 1,284
Communication Stationery and printing Telephone Postage and messenger	9 5 <u>12</u>	15 6 15
Office and equipment Office space Utilities Equipment Equipment rental		36 104 3 6 11 124
Insurance Fiduciary and other insurance	<u>81</u>	<u></u>
Miscellaneous Seminars and travel Supplies Court reporting Seminars for retirees Other	33 11 16 14 5 79	21 15 12 6 10
Total administrative expenses	<u>\$ 2,895</u>	<u>\$ 2,646</u>

