



CENTRAL PENNSYLVANIA TEAMSTERS DEFINED BENEFIT PLAN

**ACTUARIAL VALUATION AS OF
JANUARY 1, 2025**

Prepared by:



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October 2025



October 21, 2025

Board of Trustees
Central Pennsylvania Teamsters Defined Benefit Plan
P.O. Box 15223
Reading, PA 19612-5223

Dear Board of Trustees:

This report was prepared by Keystone 74 Benefits and Administration ("KBA74") to present the results of the actuarial valuation of the Central Pennsylvania Teamsters Defined Benefit Plan as of January 1, 2025. The primary purposes of the valuation are to:

1. Determine the minimum funding requirements of ERISA (as amended) for the plan year ending December 31, 2025.
2. Provide information required by FASB ASC 960, Plan Accounting - Defined Benefit Pension Plans.

This report is intended for the sole use of the Board of Trustees and Plan Administrator to comply with the stated purposes and may not be appropriate for other purposes. Additional determinations may be needed for other purposes, such as meeting employer financial accounting requirements or judging benefit sufficiency for plan termination. This report should not be relied upon for other purposes without consulting KBA74.

KBA74 has relied upon participant data and financial information provided to us by the Board of Trustees of the Central Pennsylvania Teamsters Defined Benefit Plan and other organizations designated by the Board of Trustees of the Central Pennsylvania Teamsters Defined Benefit Plan. We did not audit this data, but we have reviewed it for reasonableness and consistency with prior years. We believe that the information is sufficiently complete to be relied upon for the purposes intended. To the best of our knowledge, all plan participants on January 1, 2025, and all plan provisions in effect on that date have been reflected in the valuation.

Board of Trustees
Central Pennsylvania Teamsters Defined Benefit Plan
October 21, 2025
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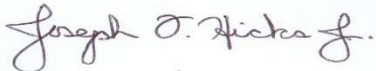
In our opinion, all calculations and procedures conform to generally accepted actuarial principles and practices; the results presented comply with the requirements of the Internal Revenue Code, ERISA, or the FASB Accounting Standards Codification, as applicable. Other than prescribed assumptions, the actuarial assumptions have been selected by KBA74 in concurrence with the Board of Trustees of the Central Pennsylvania Teamsters Defined Benefit Plan. We believe that each non-prescribed assumption is individually reasonable, and in combination they offer our best estimate of anticipated experience under the Plan.

The actuaries whose signatures appear below meet the Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States and are qualified to render the actuarial opinion contained herein. KBA74's relationship with the Plan and the Board of Trustees is strictly professional. There are no aspects of the relationship that may impair or appear to impair the objectivity of our work.

We will be pleased to review this report with you at your convenience and answer any questions.

Respectfully submitted:

KBA74



Joseph F. Hicks, Jr., EA, MAAA
Principal
Enrolled Actuary No. 23-06117



Anthony Bertolotti, EA, MAAA
Managing Consultant

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TRUSTEE SUMMARY OF RESULTS

	<u>January 1, 2025</u>	<u>January 1, 2024</u>
<i>Participants</i>		
Actively Employed	5,287	5,424
Vested Terminated	4,151	4,425
Retirees and Beneficiaries	16,164	16,372
Total	<u>25,602</u>	<u>26,221</u>
<i>Contributions</i>		
Minimum Required Contribution		
Before Recognition of Credit Balance/ (Funding Deficiency)	\$ 146,281,039	\$ 124,428,182
After Recognition of Credit Balance/ (Funding Deficiency)	\$ 0	\$ 0
Contributions for the Plan Year*	\$ 102,000,000	\$ 97,839,938
<i>Normal Cost (including Expenses)</i>	\$ 50,778,600	\$ 46,750,676
<i>Unfunded Accrued Liability (UAL)</i>		
Accrued Liability	\$ 1,605,103,293	\$ 1,489,753,697
Actuarial Value of Assets	1,525,865,213	1,460,239,045
Unfunded Accrued Liability	79,238,080	29,514,652
Funding Period to Amortize UAL (MVA)	2.61 years	2.28 years
<i>Funded Status (FASB ASC 960)</i>		
Market Value of Assets	\$ 1,487,406,324	\$ 1,386,099,834
Present Value of Accumulated Benefits	1,602,103,293	1,486,753,697
Funded Ratio	92.84%	93.22%
<i>Funded Status (under the Pension Protection Act of 2006 "PPA")</i>		
Actuarial Value of Assets	\$ 1,525,865,213	\$ 1,460,239,045
PPA Liability (Unit Credit)	1,605,103,293	1,489,753,697
PPA Funded Percentage	95.06%	98.01%
<i>Unfunded Vested Benefit Liability**</i>		
Vested Benefit Liability	\$ 1,729,421,150	\$ 1,719,804,766
Unfunded Vested Benefit Liability	242,014,826	368,073,340

* Estimated for 2025.

** For purposes of determining employer withdrawal liability only.

TRUSTEE SUMMARY OF RESULTS (continued)

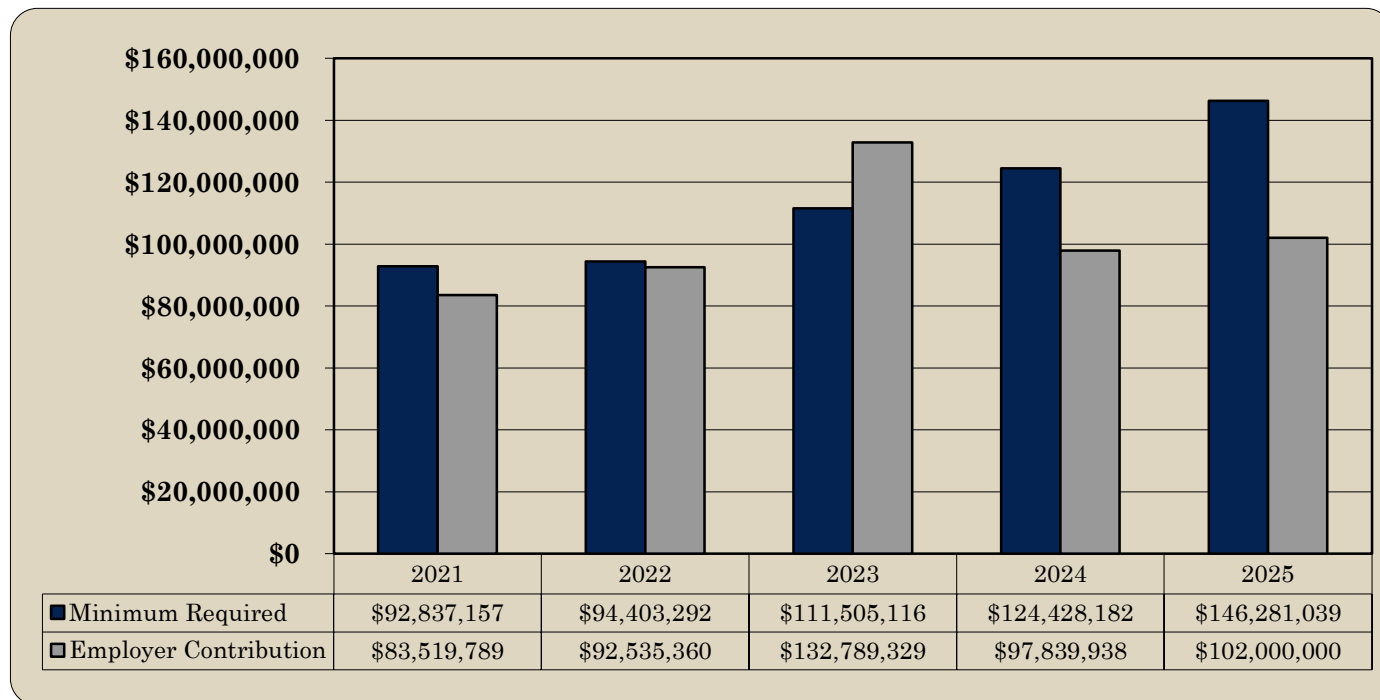
COMMENTARY

- Plan assets performed well during 2024, returning 9.26% for the year on a market value basis. The actuarial value of assets, which limits fluctuation by recognizing gains and losses over a 5-year period, returned 6.32% for the year. This return, compared to the 7.50% valuation assumption for 2024, created an actuarial investment loss of \$17.0 million for the year. A five year history of fund performance is shown on page 7.
- The Plan had a liability loss for the 2024 plan year of \$23.2 million, due in part to retirement data cleanup. This loss, combined with the asset loss described above, yielded a total actuarial loss for 2024 of \$40.2 million.
- Three assumption changes were made for the 2025 valuation. Most notably, the interest rate was lowered from 7.5% to 7.0%. The form of payment and vested terminated retirement assumptions were also updated based on recent Plan experience. These changes increased the accrued liability by \$58.0 million as of January 1, 2025. Valuation assumptions are disclosed in Appendix 1.
- The ratio of the market value of assets to the present value of accumulated benefits (Exhibit D-1) decreased from 93.22% as of January 1, 2024 to 92.84% as of January 1, 2025. The Plan's funded percentage on an actuarial value of assets basis, used for actuarial certifications under PPA and MPRA (see page 10), decreased from 98.01% as of January 1, 2024 to 95.06% as of January 1, 2025.
- The Plan was amended since the prior valuation. The calendar year 2024 monthly benefit accrual cap (\$140/\$250/\$300, depending on contribution rate) was extended to 2025. Additionally, a single sum death benefit of \$10,000 was added for single vested participants who die while in active employment, increasing the accrued liability by \$0.2 million as of January 1, 2025. Plan provisions are summarized in Appendix 2.
- The minimum required contribution, prior to the recognition of the credit balance, increased from \$124.4 million for 2024 to \$146.3 million for 2025, due primarily to the decrease in the interest rate.
- Since the prior valuation, the number of active participants in the plan decreased by 2.5%, from 5,424 to 5,287. The number of inactive participants in the plan decreased by 2.3%, from 20,797 to 20,315.
- There are 1,464 active members between the age of 50 and 60 (27.7% of the active population), with 587 of these members having at least 20 years of Credited Service.
- For the Plan year beginning 1/1/2025, the Plan was certified to be in Not Endangered, Critical, or Critical and Declining Status.

CONTRIBUTION AMOUNTS

Exhibit C-1 shows the development of the minimum required contribution. Exhibits C-2 through C-5 contain information needed to develop the minimum contribution.

Five-Year History of Minimum Required and Actual/Expected Contributions



Notes:

1. The minimum contribution amounts are calculated before application of the credit balance/(funding deficiency).
2. Employer contributions shown above include employer withdrawal liability payments.
3. The 2025 employer contribution is estimated based on current contribution rates, the number of active members as of January 2025, and the hours worked by active members in 2024.

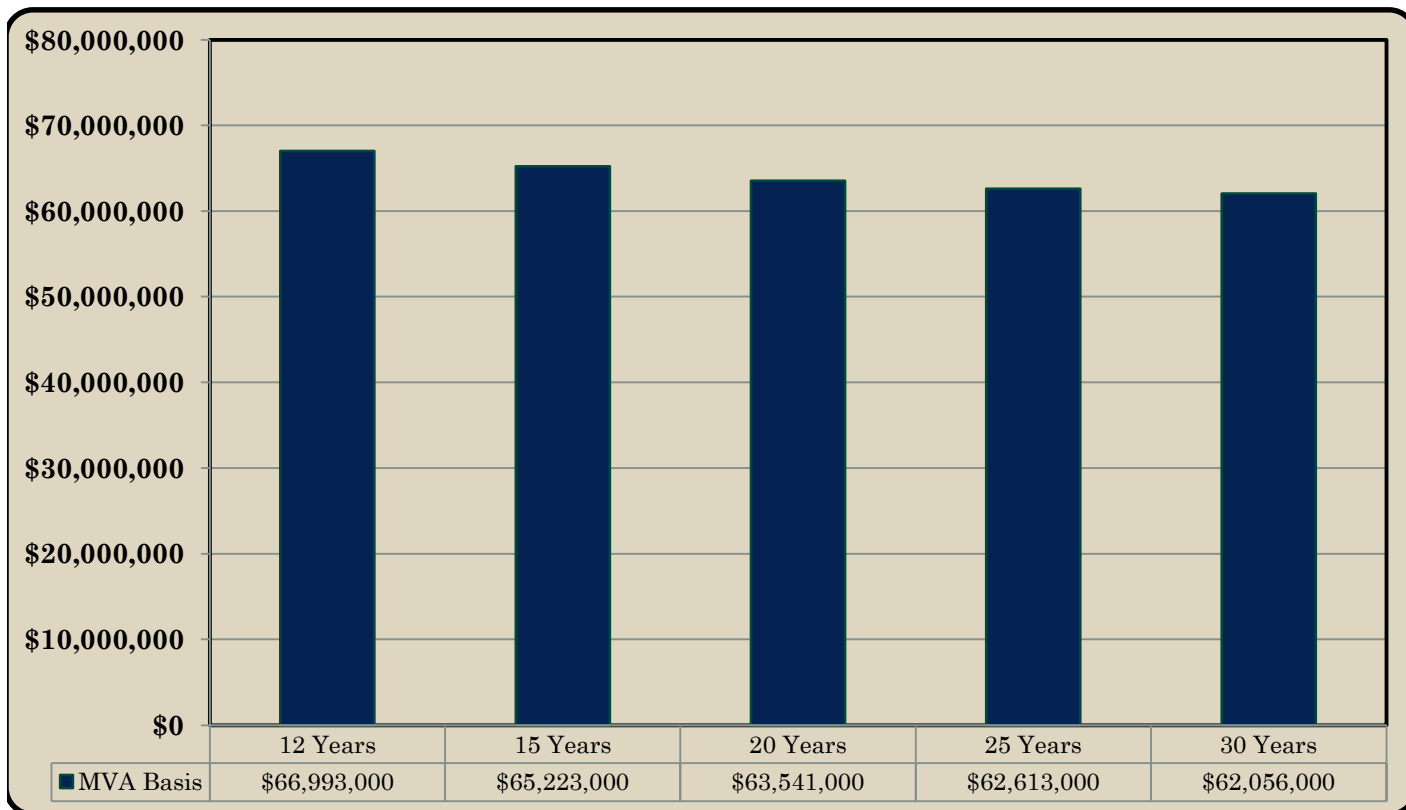
CREDIT BALANCE ANALYSIS					
	2021	2022	2023	2024	2025
Minimum Required before Credit Balance*	\$ 92,837	\$ 94,403	\$ 111,505	\$ 124,428	\$ 146,281
Credit Balance / (Funding Deficiency)*	\$ 481,517	\$ 510,505	\$ 550,017	\$ 617,757	\$ 636,128
Minimum Contribution*	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

* End of year, in thousands.

FUNDING METRIC CONTRIBUTION

The Minimum Required Contribution is developed using the actuarial assumptions and methods disclosed in the Appendix to this report, and amortizing the Plan's Unfunded Accrued Liability over the IRS-mandated funding periods. Alternative funding contribution amounts are shown in the graph below and were developed using the following metric criteria, and by amortizing the Plan's Unfunded Accrued Liability, on an Actuarial or Market Value of Assets basis, over various funding periods, and applying a mid-year interest adjustment.

FUNDING CONTRIBUTION METRIC CRITERIA	
Interest Rate	7.50%
Accrued Liability Cost Method	Unit Credit
Accrued Liability	\$1,602,103,293
Normal Cost plus Expenses	\$50,778,599



This graph is for discussion purposes only

FUNDED STATUS OF THE PLAN

Many benchmarks can be used to measure how well a plan is funded. Here we focus on the **FASB ASC 960 method**. Although this measurement provides useful information, it shouldn't be used as a measure of the value of plan liabilities for plan termination purposes, since the liabilities upon plan termination are valued based on interest rates at the time of termination, and can vary significantly from month-to-month.

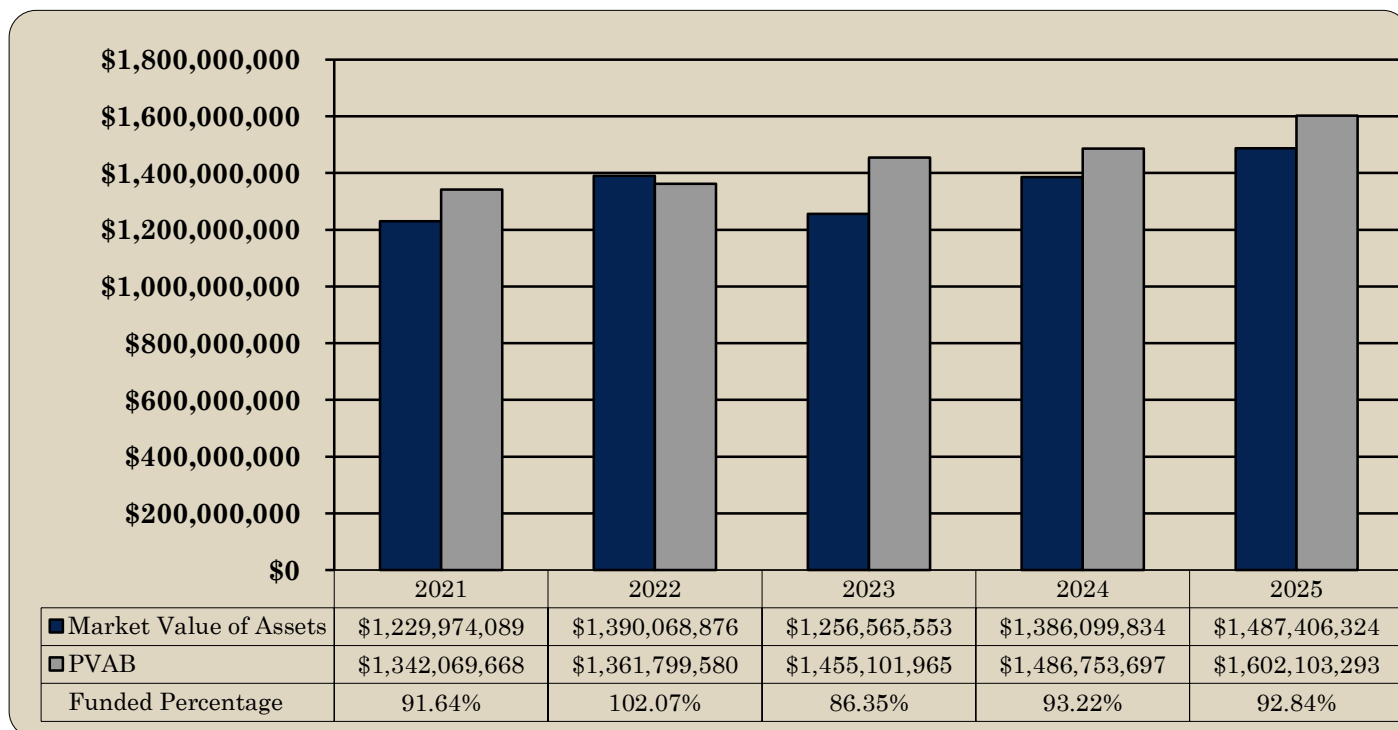
FASB ASC 960

FASB ASC 960 compares the value of the Plan's accumulated benefits to the Plan's market value of assets. The value of the Plan's accumulated benefits is determined as if all employees stopped earning additional benefits on the valuation date. This measure must be disclosed in the plan's financial statements. The result of this calculation is shown below. Additional details are shown in Exhibits D-1 and D-2.

FASB ASC 960 FUNDED STATUS ON JANUARY 1, 2025

1.	Market Value of Assets	\$ 1,487,406,324
2.	Present Value of Accumulated Benefits	1,602,103,293
3.	Funded Ratio (1) ÷ (2)	92.84%

Five-Year History of Present Value of Accumulated Benefits (PVAB) and Market Value of Assets



PLAN EXPERIENCE

To determine the plan's liabilities and contribution amounts, we make various assumptions to predict future benefit payments and the amount of assets available to pay these benefits. To the extent actual experience is different from our assumptions, an actuarial gain or loss results. An actuarial gain improves the funded position, while an actuarial loss has the opposite effect.

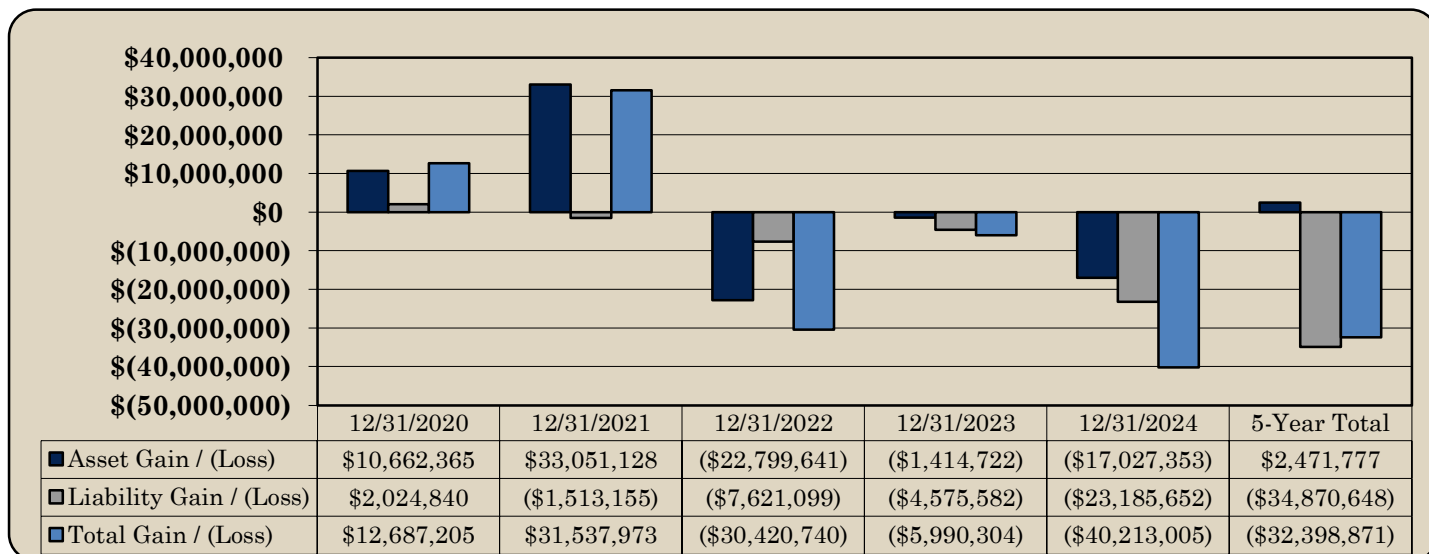
In addition to changes caused by actuarial gains or losses, there are several other reasons why the funded position changes from year to year:

1. Changes occur as a result of the normal operation of the actuarial assumptions and funding method as a result of expected retirements, terminations, etc.
2. Changes occur as a result of the difference in actual administrative expenses paid out from the Fund compared to expected expenses.
3. IRS rules do not allow us to anticipate future new entrants. As a result, additional participants may cause contribution increases.

The total net amount of the actuarial gain/(loss) during the prior plan year was (\$40,213,005) as shown in Exhibit B-3. This amount is amortized and subtracted from the other contribution requirements. The breakdown of the gain/(loss) is shown below.

SUMMARY OF THE PRIOR YEAR'S ACTUARIAL GAIN/(LOSS)	
Gain/(Loss) Due to Investment Return.....	\$ (17,027,353)
Gain/(Loss) Due to Liability Experience.....	(23,185,652)
Total Gain/(Loss).....	\$ (40,213,005)

Five-Year History of Actuarial Gain / (Loss)



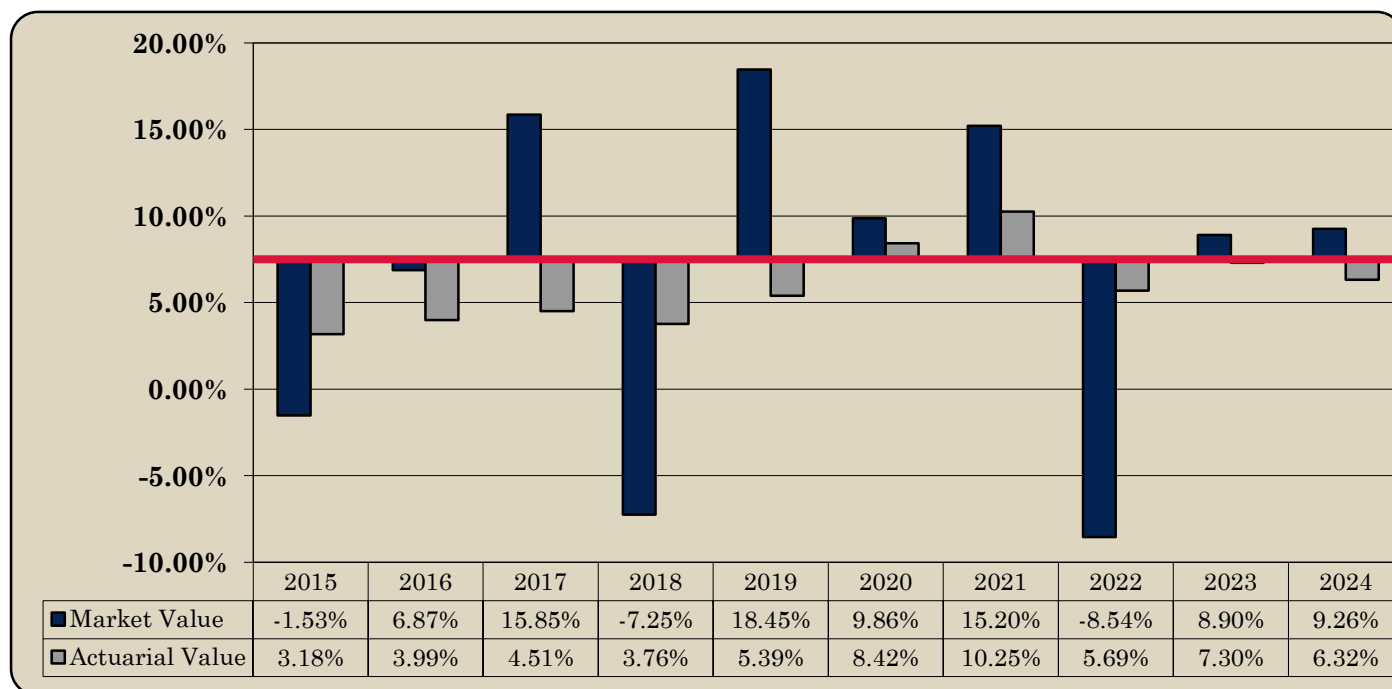
PLAN ASSETS AND INVESTMENT PERFORMANCE

The plan is funded through a separate trust. The market value of assets as of January 1, 2025 is \$1,487,406,324. This amount includes \$8,042,495 of accrued employer contributions at year-end. The actuarial value of assets is equal to \$1,525,865,213 as shown in Exhibit E-3.

The rate of return during the prior plan year was 9.26% on a market value basis and 6.32% on an actuarial value basis. These figures are net of investment expenses, and compare to the 7.50% return assumed for last year. Exhibit E-1 shows the calculation of these rates.

The graph below presents the net rates of return over the last 10 years.

Ten-Year History of Investment Returns



Time-Weighted Investment Return	Asset Valuation Basis	
	Market	Actuarial
3-Year	2.86%	6.43%
5-Year	6.61%	7.58%
10-Year	6.31%	5.86%

Note: The approximate returns shown above were calculated under the assumption that all receipts and disbursements occurred in the middle of the year. To the extent that substantial receipts and disbursements occurred on a time-weighted basis at other than the middle of the year, these returns may not be indicative of actual investment performance.

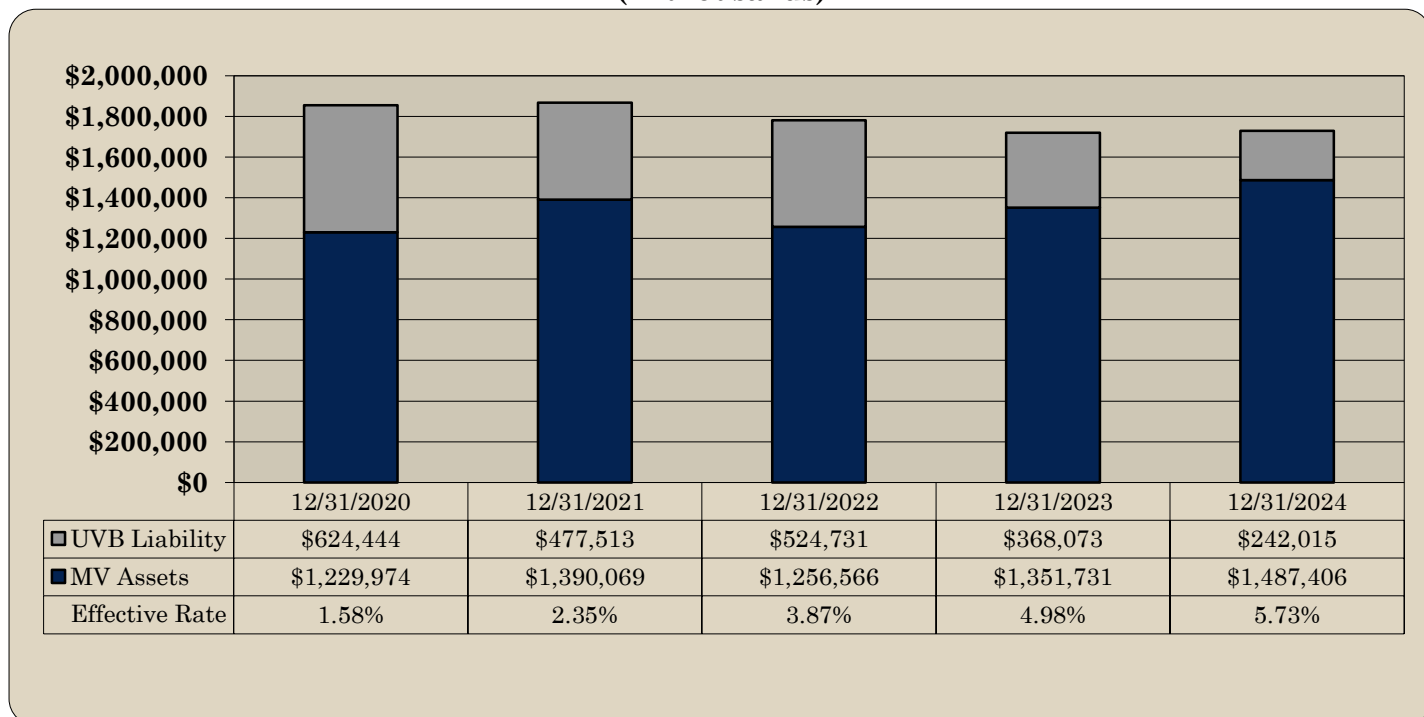
UNFUNDED VESTED BENEFIT LIABILITY

The unfunded vested benefit liability as of December 31, 2024 is the amount used in the determination of withdrawal liability under the Multiemployer Pension Plan Amendments Act of 1980. Except for the interest rate described below, the vested benefit liability was calculated on the same basis as used for the funding valuation of the Plan. The calculation of the unfunded vested benefit liability is shown below:

UNFUNDED VESTED BENEFIT LIABILITY ON DECEMBER 31, 2024	
1. Vested Benefit Liability*	
a. For retired participants and beneficiaries in pay status	\$ 1,158,295,003
b. For other participants	571,126,147
c. Total	\$ 1,729,421,150
2. Market Value of Assets	\$ 1,487,406,324
3. Unfunded / (Overfunded) Vested Benefit Liability: (1) - (2)	\$ 242,014,826

*The portion of the vested benefits that is matched by the Plan's assets is valued using current annuity market interest rates as represented by the Pension Benefit Guaranty Corporation's plan close-out rates as of the determination date. Each vested benefit is treated as covered by assets to the same extent as other vested benefits. The portion of the vested benefits that exceed Plan assets (as determined on the above basis) are valued using the same interest rates that apply for plan funding.

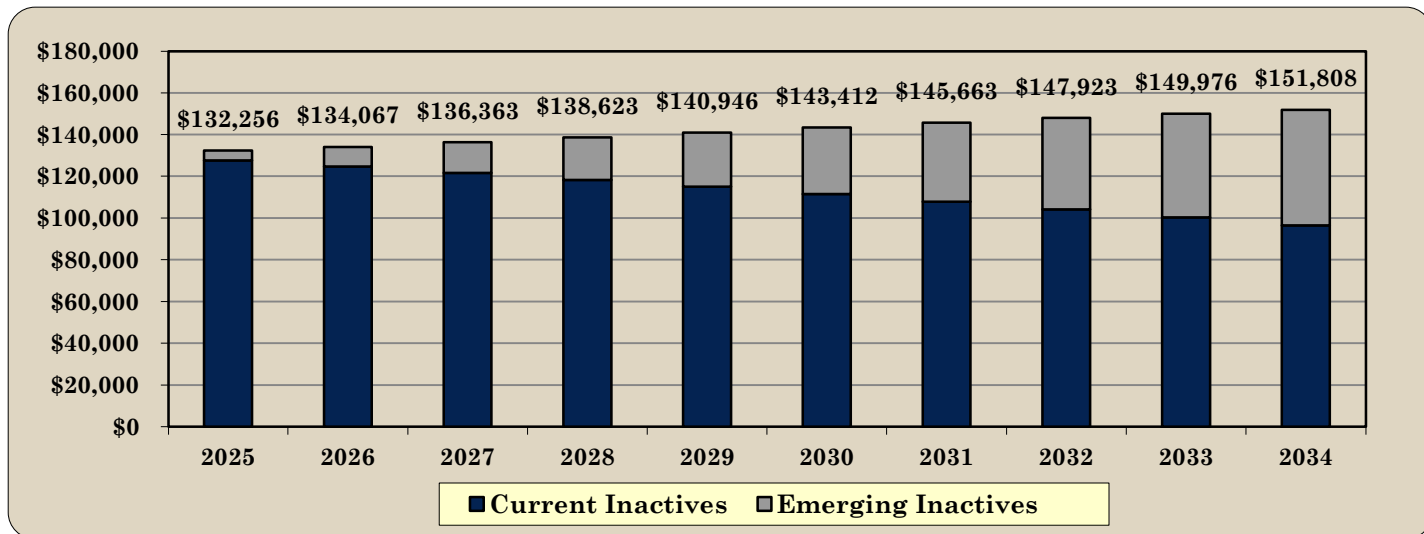
**Five-Year History of Unfunded Vested Benefit (UVB) Liability
 (in thousands)**



PROJECTED BENEFIT PAYMENTS AND CASH FLOW

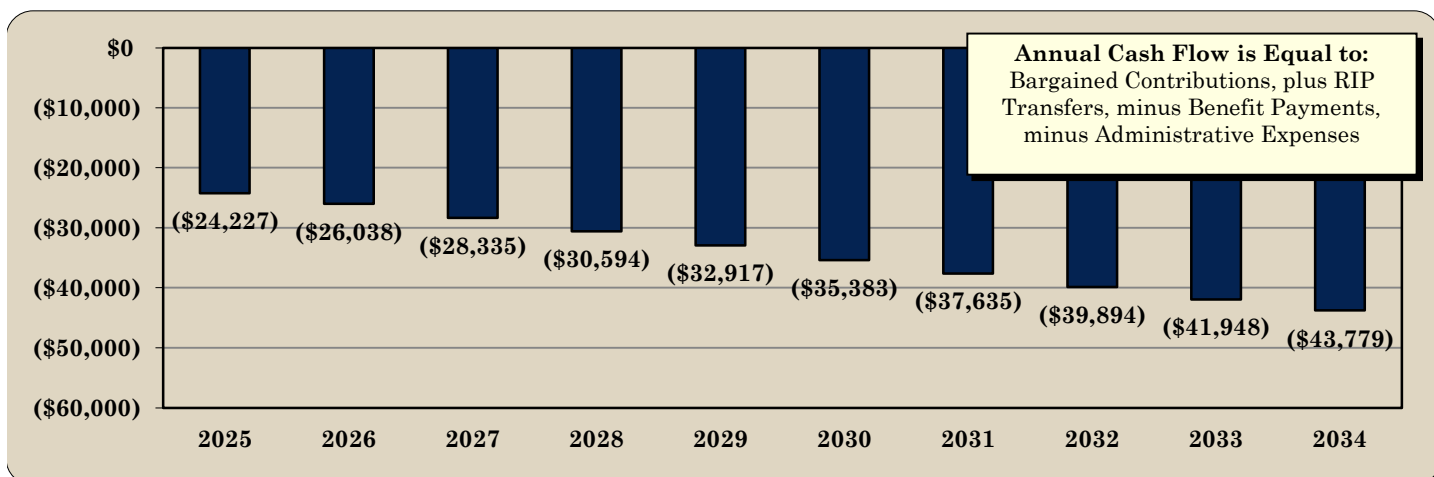
The following graph illustrates the expected benefit payments over the next ten years for participants who are in the plan as of January 1, 2025. This information should assist the plan's investment advisors in determining the liquidity requirements that the plan will face in the near term.

Expected Benefit Payments (in thousands)



Note: Except for anticipated future RIP transfers (assumed to be \$10.5 million per year for these two exhibits), the benefit disbursements and projected cash flow are calculated based on the assumptions used in the valuation.

Projected Cash Flow (in thousands)



Comment: Mathematically, if two portfolios have the same average rate of return, the portfolio with less period-to-period volatility will have a greater compound rate of return. The larger a plan's negative cash flow, the more susceptible its time-weighted, compound investment return will be to volatility.

ANNUAL ACTUARIAL CERTIFICATIONS

The Pension Protection Act of 2006 ("PPA") imposed rules aimed at accelerating the funding of multiemployer defined benefit plans based on current and projected Plan assets and liabilities.

In December 2014, the Multiemployer Pension Reform Act (MPRA) was passed, which extended the provisions of PPA past the originally scheduled sunset of December 31, 2014. In addition, MPRA added three new certification zones, eliminated the reorganization test, increased PBGC premiums, and made technical changes to PPA.

This exhibit provides an overview of PPA and MPRA and the Plan's history under them. Certifications and other detailed calculations required under PPA are provided in separate reports, and the information provided herein should not be considered a substitute for those reports.

Annual Certification

Beginning in 2008, the actuary must annually certify the Plan's status based on the current funded status of the Plan as well as on projections of the Plan's Funding Standard Account (FSA) credit balance and asset sufficiency. For purposes of certification, the funded status is calculated using the actuarial value of assets and the Unit Credit actuarial liability. For plan years beginning on or after 2015, the annual certification is determined in accordance with the following zone classifications:

Critical and Declining A plan is in Critical and Declining status if it meets the criteria for Critical Status and the plan is projected to become insolvent within 15 years (or within 20 years with an inactive-to-active participant ratio exceeding 2 to 1 or a PPA funded percentage less than 80%).

Critical A plan is in Critical Status if one of the following conditions is met:

- PPA funded percentage under 65% and either a projected FSA deficiency within five years or insufficient assets to pay benefits within seven years.
- A projected FSA deficiency within four years.
- Insufficient assets to pay benefits within five years.
- The present value of vested benefits for inactive participants exceeds that for actives, contributions are less than the normal cost plus interest on the unfunded liability, and there is a projected FSA deficiency within five years.

Projected to be Critical A Plan is Projected to be Critical status if Critical Status is projected within 5 years.

Seriously Endangered A plan is in Seriously Endangered Status if both of the conditions for Endangered status are met.

ANNUAL ACTUARIAL CERTIFICATIONS (continued)

Endangered A plan is in Endangered status if *only one* of the following conditions is met:

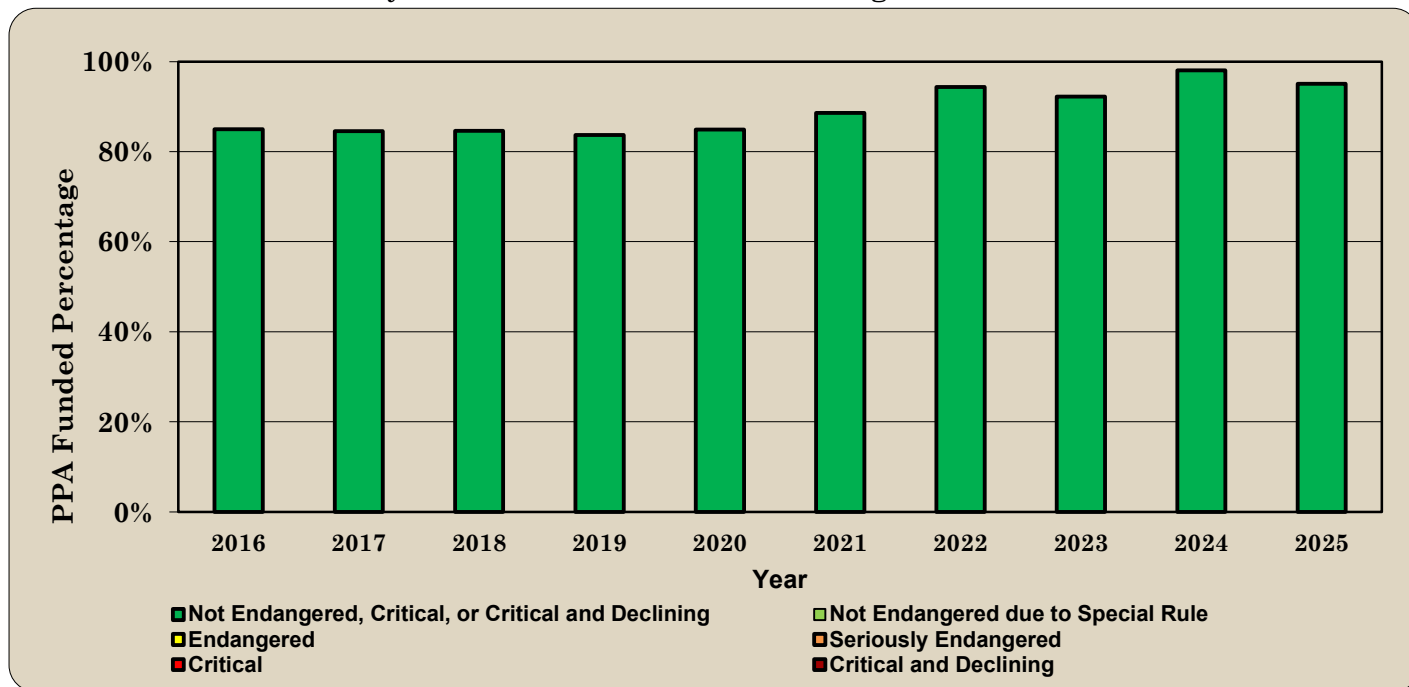
- A PPA funded percentage under 80%.
- A projected FSA deficiency within seven years.

Not Endangered due to Special Rule A plan is in this status if the Plan would be in Endangered status for the current year, the Plan was not Critical or Endangered for the prior year, and the Plan is projected to be neither Critical nor Endangered by the end of the 10th plan year after the plan year for the certification.

Not Endangered, Critical, or Critical and Declining A plan is in this status if it does not meet any of the criteria described above.

Plans that are in critical status must adopt a Rehabilitation Plan, consisting of benefit reductions and/or contribution increases, that is designed to enable the plan to exit critical status within 10 years. Similarly, plans that are in either endangered or seriously endangered status must adopt a Funding Improvement Plan to improve the plan's funded status over time by reducing benefits and/or increasing contributions. The chart below shows the Plan's certified status and PPA funded percentage over the last ten years.

History of Plan's PPA Funded Percentage and Zone Status



Prior to 2015, four status certifications existed: critical, seriously endangered, endangered, or none of the above

PARTICIPANT DATA

Participant information was provided by Central Pennsylvania Teamsters. An audit of the data was not made. However, a thorough check of the data was prepared, reconciling last year's data with the new data. This reconciliation accounted for all changes to the covered population. The result of this reconciliation is shown in Exhibit F-1. Additionally, all data was checked for internal consistency and for consistency with last year's data.

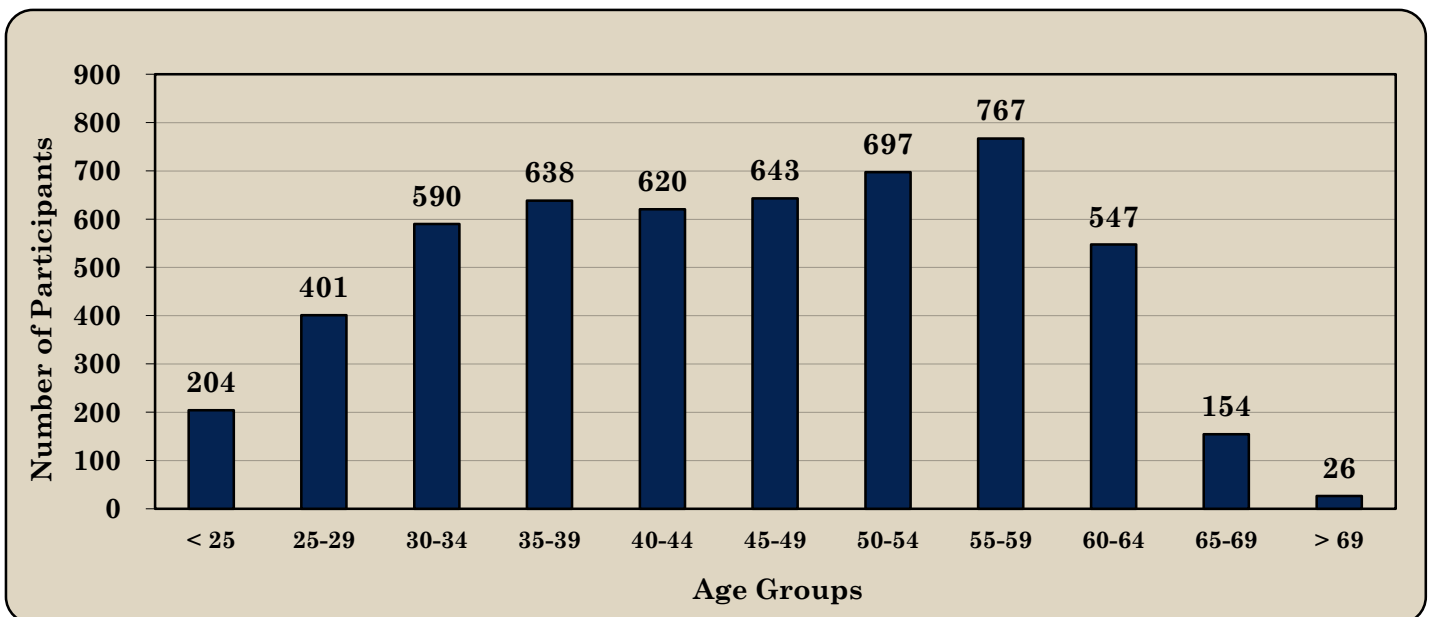
Exhibit F-2 shows the age and service distribution of active participants. This information is also shown in the graph below. Exhibit F-3 shows the distribution of the inactive participants.

Comparing this year's census data to last year's, the total number of active participants included in the valuation decreased by 2.5%. The average age of the active participants is 45.9. The average benefit service of this group is 11.4 years.

The number of terminated vested participants in the plan decreased by 6.2%, from 4,425 to 4,151. The average age of the terminated vested participants is 56.4. The average monthly benefit amount for this group is \$467.

The number of retired participants in the plan decreased by 1.3%, from 16,372 to 16,164. The average age of the retired participants is 76.0. The average monthly benefit amount for this group is \$648.

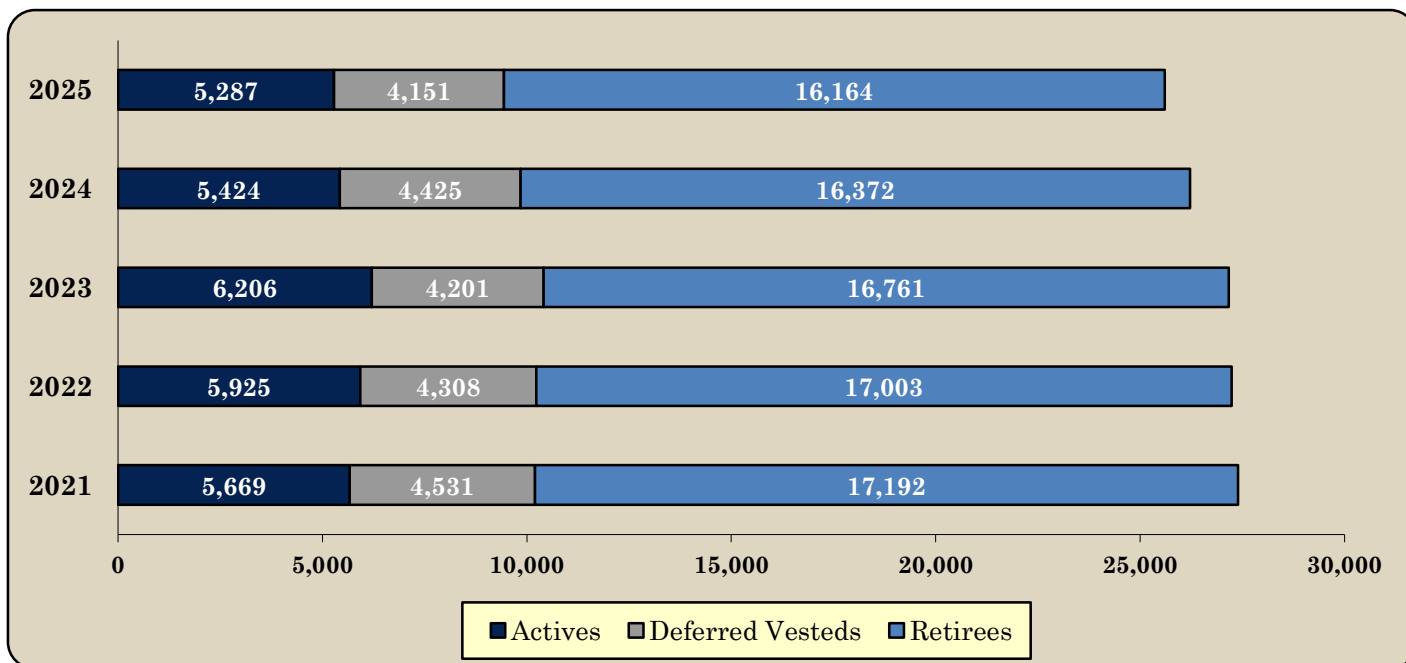
Age Distribution of Active Participants



PARTICIPANT DATA (continued)

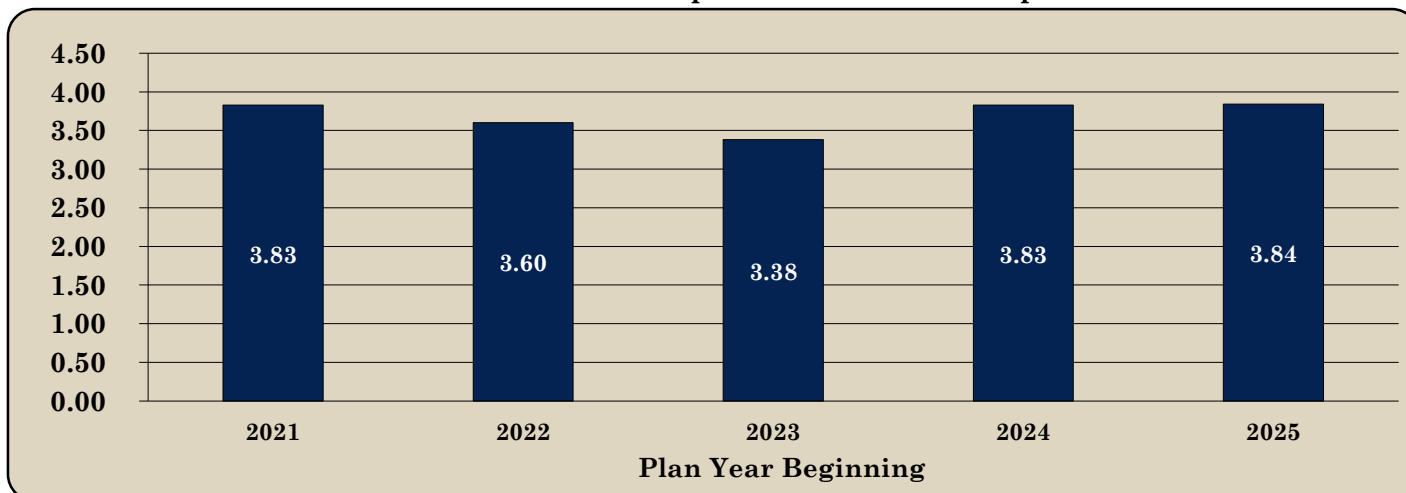
The following graph illustrates the change in participation during the past five years.

Five-Year History of Number of Participants



As a plan matures, the ratio of inactive to active participants often increases. A higher ratio signifies an increased risk profile associated with actuarial gains and losses that the plan faces. The following graph shows the change in the inactive to active ratio over the past five years.

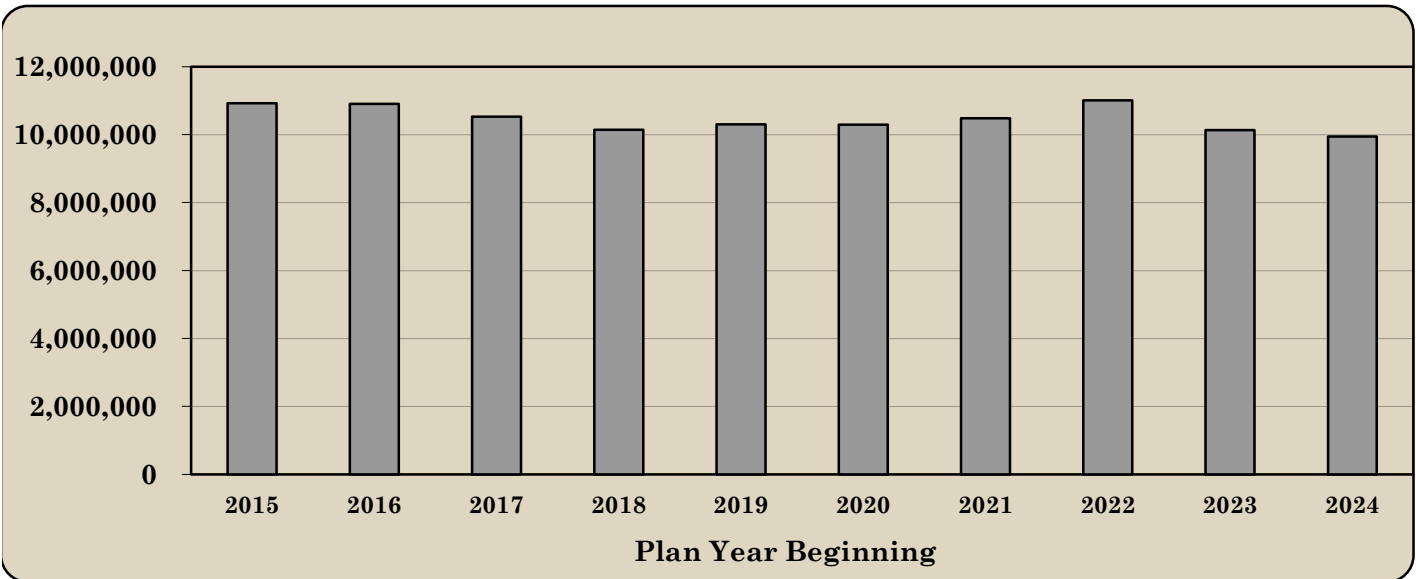
Ratio of Inactive Participants to Active Participants



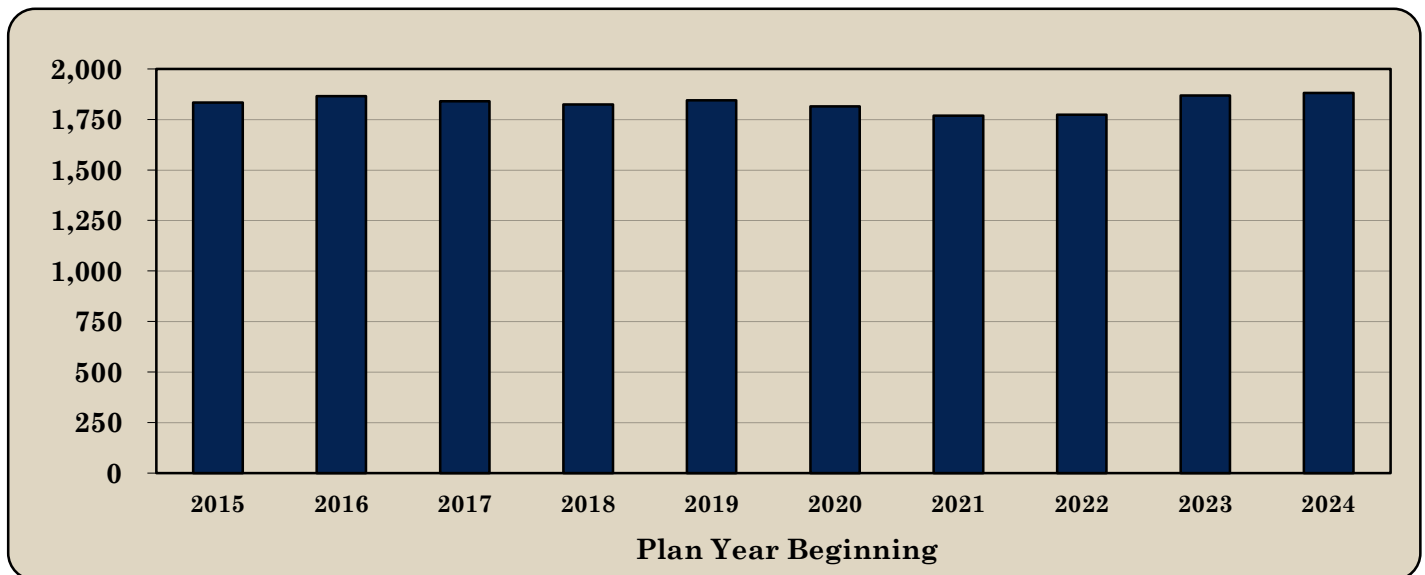
PARTICIPANT DATA

(continued)

Total Hours Worked Over the Last Ten Years



Average Hours Worked Over the Last Ten Years



3-Year Average	1,837
5-Year Average	1,819
10-Year Average	1,830

Hours worked in the previous year by participants in active status as of the valuation date.

SUMMARY AND COMPARISON OF VALUATION RESULTS

	Actuarial Valuation as of	
	January 1, 2025	January 1, 2024
1. Number of Plan Participants		
a. Active Participants	5,287	5,424
b. Terminated Vested Participants	4,151	4,425
c. Retired Participants and Beneficiaries	16,164	16,372
d. Total	25,602	26,221
2. RPA Current Liability (value of benefits accrued) (based on a discount rate of 4.01% at 01/01/25 and a discount rate of 3.29% at 01/01/24)	\$ 2,357,368,990	\$ 2,462,222,289
3. Actuarial Accrued Liability	\$ 1,605,103,293	\$ 1,489,753,697
4. Assets		
a. Market value	\$ 1,487,406,324	\$ 1,386,099,834
b. Actuarial value	\$ 1,525,865,213	\$ 1,460,239,045
5. Normal Cost		
a. Amount	\$ 50,778,600	\$ 46,750,676
b. Per participating employee*	9,662.91	8,667.16
6. Minimum Required Contribution		
a. Amount	\$ 0	\$ 0
b. Per participating employee*	0.00	0.00

Current plan year amounts are calculated assuming that contributions will be made in the amounts and on the dates described in Exhibit C-2 and that the receivable contributions for the prior plan year will be made when due. Prior plan year amounts may differ from the prior report if actual contributions were made in different amounts or on different dates than described in the prior report.

* For actives under the plan's assumed retirement age (5,255 for 2025; 5,394 for 2024).

DETAILS OF ACTUARIAL ACCRUED LIABILITY AND NORMAL COST UNDER THE UNIT CREDIT COST METHOD

1. Actuarial Accrued Liability			
a. Active Participants			
(i) Retirement benefits	\$	386,768,562	
(ii) Termination benefits		8,188,775	
(iii) Death benefits		5,506,239	
(iv) Disability benefits		8,567,998	
(v) Total Active	\$		409,031,574
b. Terminated Vested Participants			137,164,291
c. Retired Participants and Beneficiaries			1,058,907,428
d. Total	\$		1,605,103,293
2. Normal Cost			
a. Retirement benefits	\$		42,373,298
b. Termination benefits			1,916,584
c. Death benefits			686,568
d. Disability benefits			1,302,150
e. Administrative expenses			4,500,000
f. Total	\$		50,778,600
3. Present Value of Future Benefits			
a. Active Participants			
(i) Retirement benefits	\$	826,811,822	
(ii) Termination benefits		19,220,424	
(iii) Death benefits		11,446,026	
(iv) Disability benefits		20,247,052	
(v) Total Active	\$		877,725,324
b. Terminated Vested Participants			137,164,291
c. Retired Participants and Beneficiaries			1,058,907,428
d. Total	\$		2,073,797,043
4. Expected Benefit Payments			
	\$		132,255,999

DETAILS OF CURRENT LIABILITY

RPA '94
Based on IRS
Mandated Mortality

1.	Applicable Interest Rate		4.01%
2.	Current Liability at Valuation Date		
	a. Active Participants		
	(i) Non-Vested Liability	\$ 111,479,786	
	(ii) Vested Liability	599,044,826	
	(iii) Total Liability	\$ 710,524,612	
	b. Terminated Vested Participants		222,996,763
	c. Retired Participants and Beneficiaries		1,423,847,615
	d. Total: (a) + (b) + (c)		\$ 2,357,368,990
3.	Current Liability Normal Cost (excluding expenses)		\$ 90,738,711
4.	Expected Plan Disbursements		
	a. Benefit payments		\$ 132,255,999
	b. Administrative expenses		4,500,000
	c. Total Expected Plan Disbursements		\$ 136,755,999
5.	Assets at Valuation Date		
	a. Market Value		\$ 1,487,406,324
	b. Actuarial Value		\$ 1,525,865,213
6.	Funded Percentage at Valuation Date		
	a. Market Value		63.09%
	b. Actuarial Value		64.72%

DEVELOPMENT OF (GAIN) / LOSS AS OF JANUARY 1, 2025

1. Unfunded Accrued Liability as of January 1, 2024	\$	29,514,652
2. Normal Cost as of January 1, 2024	\$	46,750,676
3. Interest to the end of the year at 7.50%	\$	5,719,900
4. Employer contributions for the 2024 plan year	\$	97,839,938
5. Interest on (4) to the end of the plan year	\$	3,343,329
6. Expected Unfunded Liability Before Changes as of January 1, 2025: (1) + (2) + (3) - (4) - (5)	\$	(19,198,039)
7. Actual Unfunded Liability Before Changes as of January 1, 2025		
a. Actuarial Accrued Liability	\$	1,546,880,179
b. Actuarial Value of Assets		1,525,865,213
c. Unfunded Liability: (a) - (b)	\$	21,014,966
8. (Gain) / Loss as of January 1, 2025		
a. Liability (Gain) / Loss	\$	23,185,652
b. Asset (Gain) / Loss		17,027,353
c. Total (Gain)/Loss: (a) + (b)	\$	40,213,005
9. Change in unfunded due to a change in assumptions	\$	58,011,516
10. Change in unfunded due to a plan amendment	\$	211,598
11. Change in unfunded due to method change	\$	0
12. Unfunded Liability as of January 1, 2025 after changes: (7) + (9) + (10) + (11)	\$	79,238,080
13. Actual Unfunded Liability as of January 1, 2025		
a. Actuarial Accrued Liability (Exhibit B-1, Item 1)	\$	1,605,103,293
b. Actuarial Value of Assets (Exhibit E-1, Item A5)		1,525,865,213
c. Unfunded Liability: (a) - (b)	\$	79,238,080

CALCULATION OF MINIMUM REQUIRED CONTRIBUTION FOR PLAN YEAR ENDING DECEMBER 31, 2025

1. Regular Minimum Contribution	
a. Normal cost (Exhibit B-1, Item 2)	\$ 50,778,600
b. Net amortization charges (Exhibit C-3, Item C, Column 6)	85,932,651
c. Interest on (a) and (b)	<u>9,569,788</u>
d. Total, but not less than zero	\$ 146,281,039
2. Full funding limitation (Exhibit C-4, Item A9)	\$ 816,396,895
3. Minimum required contribution before recognition of credit balance / (funding deficiency) if deposited on or after December 31, 2025: lesser of (1d) or (2)	\$ 146,281,039
4. Credit balance / (funding deficiency)	
a. Beginning of year (Exhibit C-2, Item A3)	\$ 594,512,183
b. Interest to end of year	<u>41,615,853</u>
c. End of year: (a) + (b)	\$ 636,128,036
5. Minimum required contribution if deposited on or after December 31, 2025: (3) - (4c), but not less than zero	\$ 0

FUNDING STANDARD ACCOUNT

A. Funding Standard Account for Plan Year Ended December 31, 2024

1. Charges for the Plan Year		
a. Normal cost	\$	46,750,676
b. Amortization charge (on outstanding balance of \$721,088,694)		100,514,919
c. Interest to end of year on (a) and (b)		11,044,920
d. Total charges	\$	158,310,515
2. Credits for the Plan Year		
a. Prior year credit balance / (funding deficiency)	\$	574,657,766
b. Amortization credit (on outstanding balance of \$116,916,276)		31,518,449
c. Employer contributions *		97,839,938
d. Interest on (a), (b), and (c)		48,806,545
e. Full funding limitation credit		0
f. Total credits	\$	752,822,698
3. Credit balance / (funding deficiency) at December 31, 2024: (2f) - (1d)	\$	594,512,183

* Contributions made during the year are assumed to be made mid-year unless noted below.
 Receivables are assumed to be made on January 15.

6/30/2024	\$	89,642,477
6/30/2024	\$	154,966
1/15/2025	\$	8,042,495

B. Projected Funding Standard Account for Plan Year Ending December 31, 2025

1. Charges for the Plan Year		
a. Normal cost (Exhibit B-1, Item 2)	\$	50,778,600
b. Amortization charge (Exhibit C-3, Item A, Column 6)		103,679,051
c. Interest to end of year on (a) and (b)		10,812,036
d. Total charges	\$	165,269,687
2. Credits for the Plan Year		
a. Prior year credit balance / (funding deficiency) (A3)	\$	594,512,183
b. Amortization credit (Exhibit C-3, Item B, Column 6)		17,746,400
c. Interest to the end of year on (a) and (b)		42,858,101
d. Full funding limitation credit (Exhibit C-4, Item B3)		0
e. Total	\$	655,116,684
3. Minimum required contribution as of December 31, 2025: (1d) - (2e), but not less than zero	\$	0

SCHEDULE OF REQUIRED AMORTIZATIONS FOR FUNDING STANDARD ACCOUNT AS OF JANUARY 1, 2025

	Date Established	Initial Amount	Initial Amortization Period (Years)	Outstanding Balance	Remaining Amortization Period (Years)*	Amortization Payment as of Beginning of Year
	(1)	(2)	(3)	(4)	(5)	(6)
A. Charges						
1. Method Change	1/1/1997	\$ 1,482,948	N/A	\$ 231,998	2.000	\$ 119,922
2. Assumption Change	1/1/1999	14,849,370	30	4,311,005	4.000	1,189,467
3. Assumption Change	1/1/2001	39,167,309	30	15,859,366	6.000	3,109,559
4. Plan Amendment	1/1/2003	294,195,961	30	148,208,876	8.000	23,196,457
5. Assumption Change	1/1/2006	24,185,822	30	15,155,227	11.000	1,888,836
6. Plan Amendment	1/1/2007	4,253,016	30	2,814,390	12.000	331,156
7. PRA Investment Loss	1/1/2009	180,067,557	29	126,134,776	13.000	14,104,797
8. PRA Investment Loss	1/1/2010	34,482,290	28	24,388,941	13.000	2,727,250
9. PRA Investment Loss	1/1/2011	45,284,465	27	32,368,714	13.000	3,619,574
10. Actuarial Loss	1/1/2012	22,931,120	15	4,702,453	2.000	2,430,737
11. PRA Investment Loss	1/1/2012	79,197,933	26	57,265,169	13.000	6,403,576
12. Actuarial Loss	1/1/2014	10,428,501	15	3,975,591	4.000	1,096,922
13. Actuarial Loss	1/1/2015	19,844,040	15	9,123,523	5.000	2,079,572
14. Actuarial Loss	1/1/2016	47,746,698	15	25,427,927	6.000	4,985,675
15. Plan Amendment	1/1/2016	649,644	15	345,974	6.000	67,835
16. Plan Amendment	1/1/2017	1,723,263	15	1,034,022	7.000	179,314
17. Actuarial Loss	1/1/2017	38,065,035	15	22,840,441	7.000	3,960,857
18. Assumption Change	1/1/2017	4,730,695	15	2,838,593	7.000	492,252
19. Actuarial Loss	1/1/2018	34,116,798	15	22,638,464	8.000	3,543,190
20. Plan Amendment	1/1/2019	6,489,088	15	4,689,316	9.000	672,660
21. Actuarial Loss	1/1/2019	44,519,353	15	32,171,755	9.000	4,614,887
22. Actuarial Loss	1/1/2020	25,783,683	15	20,049,721	10.000	2,667,878
23. Assumption Change	1/1/2023	61,675,558	15	56,775,680	13.000	6,348,840
24. Actuarial Loss	1/1/2023	30,420,740	15	28,003,934	13.000	3,131,490
25. Actuarial Loss	1/1/2024	5,990,304	15	5,760,952	14.000	615,641
26. Assumption Change	1/1/2025	58,011,516	15	58,011,516	15.000	5,952,666
27. Actuarial Loss	1/1/2025	40,213,005	15	40,213,005	15.000	4,126,329
28. Plan Amendment	1/1/2025	211,598	15	211,598	15.000	21,712
Total				\$ 765,552,927		\$ 103,679,051

**SCHEDULE OF REQUIRED AMORTIZATIONS FOR
FUNDING STANDARD ACCOUNT AS OF JANUARY 1, 2025
(continued)**

	Date Established	Initial Amount	Initial Amortization Period (Years)	Outstanding Balance	Remaining Amortization Period (Years)	Amortization Payment as of Beginning of Year
	(1)	(2)	(3)	(4)	(5)	(6)
B. Credits						
1. Assumption Change	1/1/2003	\$ 1,370,682	30	\$ 690,520	8.000	\$ 108,075
2. PRA Asset Relief	1/1/2010	52,800,851	30	39,731,730	15.000	4,076,944
3. Actuarial Gain	1/1/2011	62,571,446	15	6,659,464	1.000	6,659,464
4. Actuarial Gain	1/1/2013	22,157,652	15	6,569,515	3.000	2,339,556
5. Actuarial Gain	1/1/2021	12,687,205	15	10,514,447	11.000	1,310,443
6. Actuarial Gain	1/1/2022	31,537,973	15	27,636,988	12.000	3,251,918
Total				\$ 91,802,664		\$ 17,746,400
C. Net (A - B)						
				\$ 673,750,263		\$ 85,932,651
D. Balance Test						
1. Credit balance / (funding deficiency)				\$ 594,512,183		
2. Balance test: [C - D(1)]				\$ 79,238,080		
3. Unfunded accrued liability				\$ 79,238,080		

DEVELOPMENT OF FULL FUNDING LIMITATION AND CREDIT FOR THE PLAN YEAR ENDING DECEMBER 31, 2025

	Minimum Required Contribution
A. Development of Full Funding Limitation	
1. Actuarial accrued liability as of end of year: (Exhibit C-5, Item A2, Column 1)	\$ 1,630,093,667
2. RPA current liability as of end of year: (Exhibit C-5, Item A2, Column 2)	\$ 2,411,369,088
3. RPA current liability minimum: 90% x (2)	\$ 2,170,232,179
4. Assets at end of year	
a. Market value (Exhibit C-5, Item B2, Column 1)	\$ 1,449,824,808
b. Actuarial value (Exhibit C-5, Item B2, Column 2)	1,490,975,819
c. Lesser of (a) or (b)	\$ 1,449,824,808
5. Asset adjustments	
a. Credit balance at end of year	\$ 636,128,036
b. Net contribution carryover at end of year	N/A
c. Total asset adjustments	\$ 636,128,036
6. Adjusted assets: (4c) - (5c)	\$ 813,696,772
7. ERISA full funding limitation: (1) - (6), but not less than zero	\$ 816,396,895
8. RPA Override full funding limitation: (3) - (4b), but not less than zero	\$ 679,256,360
9. Full funding limitation: greater of (7) or (8)	\$ 816,396,895
B. Development of Credit Due to Full Funding Limitation	
1. Net charges to funding standard account (Exhibit C-1, Item 1)	
a. Normal cost	\$ 50,778,600
b. Net amortization charge	85,932,651
c. Interest	9,569,788
d. Total	\$ 146,281,039
2. Full funding limitation: (A9)	\$ 816,396,895
3. Full funding credit: (1) - (2), but not less than zero	\$ 0

DEVELOPMENT OF PROJECTED END-OF-YEAR AMOUNTS FOR CALCULATION OF FULL FUNDING LIMITATION

	ERISA Actuarial Accrued Liability (1)	RPA '94 Current Liability Based on IRS Mandated Mortality (2)
A. Liabilities		
1. Applicable interest rate	7.00%	4.01%
2. Projection to end of year		
a. Beginning-of-year liability	\$ 1,605,103,293	\$ 2,357,368,990
b. Normal cost, net of expenses	46,278,600	90,738,711
c. Expected benefit payments	(132,255,999)	(132,255,999)
d. Interest to end of year on (a) thru (c)	110,967,773	95,517,386
e. Projected end-of-year amount: (a) + (b) + (c) + (d)	\$ 1,630,093,667	\$ 2,411,369,088
	Market Value (1)	Actuarial Value (2)
B. Asset Values		
1. Applicable interest rate	7.00%	7.00%
2. Projection to end of year		
a. Beginning-of-year amount	\$ 1,487,406,324	\$ 1,525,865,213
b. Expected benefit payments	(132,255,999)	(132,255,999)
c. Expected expenses	(4,500,000)	(4,500,000)
d. Interest to end of year on (a) thru (c)	99,174,483	101,866,605
e. Projected end-of-year amount: (a) + (b) + (c) + (d)	\$ 1,449,824,808	\$ 1,490,975,819

**PRESENT VALUE OF ACCUMULATED BENEFITS
AS OF JANUARY 1, 2025
IN ACCORDANCE WITH FASB ASC 960**

	<u>January 1, 2025</u>	<u>January 1, 2024</u>
1. Number of Participants		
a. Retiree and beneficiaries	16,164	16,372
b. Terminated participants with deferred benefits	4,151	4,425
c. Participating employees	5,287 *	5,424
d. Total	25,602	26,221
2. Present Value of Vested Accumulated Benefits		
a. Retiree and beneficiaries	\$ 1,058,907,428	\$ 995,805,603
b. Terminated participants with deferred benefits	137,164,291	140,463,075
c. Participating employees	344,130,945	302,256,667
d. Total	\$ 1,540,202,664	\$ 1,438,525,345
3. Present Value of Nonvested Accumulated Benefits for Participating Employees	\$ 61,900,629	\$ 48,228,352
4. Present Value of Total Accumulated Benefits	\$ 1,602,103,293	\$ 1,486,753,697
5. Market Value of Assets	\$ 1,487,406,324	\$ 1,386,099,834
6. Benefit Security Ratio		
a. Retiree benefit security ratio: (5) ÷ (2a)	140.47%	139.19%
b. Vested benefit security ratio: (5) ÷ (2d)	96.57%	96.36%
c. Benefit security ratio: (5) ÷ (4)	92.84%	93.22%

Actuarial Assumptions: The same actuarial assumptions were used to value the FASB ASC 960 liabilities as were used for purposes of determining the plan's funding requirements, as described in the appendices. In particular the valuation interest rate of 7.00% was used. However, the \$3 million reciprocity allowance is not included.

* Of these, 3,391 are fully vested.

RECONCILIATION OF PRESENT VALUE OF ACCUMULATED PLAN BENEFITS

1. Present value of accumulated benefits at January 1, 2024	\$ 1,486,753,697
2. Increases / (Decreases) during the year	
a. Due to benefits accumulated and gains and losses*	\$ 80,183,717
b. Due to decrease in the discount period	106,642,777
c. Actual benefits paid	(129,700,012)
d. Due to plan amendment	211,598
e. Due to change of assumptions	<u>58,011,516</u>
f. Net increase (decrease): (a) + (b) + (c) + (d) + (e)	\$ 115,349,596
3. Present value of accumulated benefits at January 1, 2025: (1) + (2f) (Exhibit D-1, Item 4, Column 1)	\$ 1,602,103,293

* For FASB ASC 960 reporting, this is a balancing item and includes the effects of new entrants.

SUMMARY OF ASSET VALUES AND RATES OF RETURN

A. Summary of Asset Values

1. Fair Value of Assets	\$ 1,478,022,739
2. Amounts Receivable	20,891,349
3. Amounts Payable	<u>11,507,764</u>
4. Market Value of Assets: (1) + (2) - (3)	\$ 1,487,406,324
5. Actuarial Value of Assets	\$ 1,525,865,213

B. Rate of Return

	<u>Market Value (1)</u>	<u>Actuarial Value (2)</u>
1. Plan assets as of January 1, 2024	\$ 1,386,099,834	\$ 1,460,239,045
2. Employer contributions	97,839,938	97,839,938
3. Benefit payments made	(129,700,012)	(129,700,012)
4. Expenses paid from the trust	(4,509,853)	(4,509,853)
5. Transfers to/(from) the plan	10,528,760	10,528,760
6. Investment return, net of expenses	<u>127,147,657</u>	<u>91,467,335</u>
7. Plan assets as of January 1, 2025: (1) + (2) + (3) + (4) + (5) + (6)	\$ 1,487,406,324	\$ 1,525,865,213
8. Approximate rate of return (net of investment expenses) on average invested assets		
a. Average invested assets ¹	\$ 1,373,179,251	\$ 1,447,318,462
b. Rate of return: (6) ÷ (8a)	9.26%	6.32%
9. Approximate rate of return (net of total expenses) on average invested assets		
a. Average invested assets ²	\$ 1,375,434,177	\$ 1,449,573,388
b. Rate of return: [(6) + (4)] ÷ (9a)	8.92%	6.00%

1. Determined using the Schedule MB (Form 5500) methodology: [Item 1 + Item 2÷2 + Item 3÷2 + Item 4÷2 + Item 5÷2]

2. Determined using the Schedule MB (Form 5500) methodology: [Item 1 + Item 2÷2 + Item 3÷2 + Item 5÷2]

STATEMENT OF ASSETS AS OF DECEMBER 31, 2024

1. Total noninterest-bearing cash		\$	3,233,974
2. Receivables			
a. Employer contributions	\$	8,042,495	
b. Other		12,848,854	
c. Total: (a) + (b)			\$ 20,891,349
3. General investments			\$ 1,465,358,141
4. Other assets			\$ 9,430,624
5. Total assets: (1) + (2c) + (3) + (4)			\$ 1,498,914,088
6. Liabilities			\$ 11,507,764
7. Net Assets: (5) - (6)			\$ 1,487,406,324

RECONCILIATION OF MARKET VALUE OF ASSETS

1. Market Value of Assets as of January 1, 2024		\$	1,386,099,834
2. Contributions			
a. Bargained	\$	97,684,972	
b. Withdrawal payments		154,966	
c. Other		0	
d. Total contributions: (a) + (b) + (c)			\$ 97,839,938
3. Earnings on investments			\$ 127,045,655
4. Other income			\$ 102,002
5. Benefit payment and payment to provide benefits			\$ 129,700,012
6. Interest expense			\$ 0
7. Expenses			
a. Administrative Expenses	\$	4,509,853	
b. Investment advisory and management fees		0	
c. Total administrative expenses: (a) + (b)			\$ 4,509,853
8. Transfers to (from) the plan			\$ 10,528,760
9. Net assets at end of year: (1) + (2d) + (3) + (4) - (5) - (6) - (7c) + (8)			\$ 1,487,406,324

ACTUARIAL VALUE OF ASSETS

1.	Market Value of Assets as of January 1, 2024		\$ 1,386,099,834																																				
2.	Contributions for the prior plan year		97,839,938																																				
3.	Participant account transfers		10,528,760																																				
4.	Benefit payments		(129,700,012)																																				
5.	Administrative expenses		(4,509,853)																																				
6.	Expected Investment Return at 7.50% on:																																						
	a. Market Value of Assets as of January 1, 2024	\$ 103,957,488																																					
	b. Contributions for the prior plan year	3,343,329																																					
	c. Participant account transfers	394,829																																					
	d. Benefit payments	(4,863,750)																																					
	e. Administrative expenses	(169,119)																																					
	f. Total: (a) + (b) + (c) + (d) + (e)	\$ 102,662,777																																					
7.	Actual Investment Return as of December 31, 2024		\$ 127,147,657																																				
8.	Investment Gain/(Loss): (7) - (6)		\$ 24,484,880																																				
9.	Market Value of Assets as of January 1, 2025		\$ 1,487,406,324																																				
10.	Total Deferred Gain/(Loss)																																						
	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;"></th> <th style="width: 15%; text-align: center;"><u>Plan Year</u></th> <th style="width: 20%; text-align: center;"><u>Investment Gain/(Loss)</u></th> <th style="width: 10%; text-align: center;"><u>Percent Recognized</u></th> <th style="width: 10%; text-align: center;"><u>Percent Deferred</u></th> <th style="width: 10%; text-align: center;"><u>Deferred Gain/(Loss)</u></th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>2024</td> <td style="text-align: right;">\$ 24,484,880</td> <td style="text-align: center;">20%</td> <td style="text-align: center;">80%</td> <td style="text-align: right;">\$ 19,587,904</td> </tr> <tr> <td>b.</td> <td>2023</td> <td style="text-align: right;">19,323,660</td> <td style="text-align: center;">40%</td> <td style="text-align: center;">60%</td> <td style="text-align: right;">11,594,196</td> </tr> <tr> <td>c.</td> <td>2022</td> <td style="text-align: right;">(221,199,480)</td> <td style="text-align: center;">60%</td> <td style="text-align: center;">40%</td> <td style="text-align: right;">(88,479,792)</td> </tr> <tr> <td>d.</td> <td>2021</td> <td style="text-align: right;">94,194,013</td> <td style="text-align: center;">80%</td> <td style="text-align: center;">20%</td> <td style="text-align: right;">18,838,803</td> </tr> <tr> <td>e.</td> <td>Total</td> <td></td> <td></td> <td></td> <td style="text-align: right; border-top: 1px solid black;">\$ (38,458,889)</td> </tr> </tbody> </table>		<u>Plan Year</u>	<u>Investment Gain/(Loss)</u>	<u>Percent Recognized</u>	<u>Percent Deferred</u>	<u>Deferred Gain/(Loss)</u>	a.	2024	\$ 24,484,880	20%	80%	\$ 19,587,904	b.	2023	19,323,660	40%	60%	11,594,196	c.	2022	(221,199,480)	60%	40%	(88,479,792)	d.	2021	94,194,013	80%	20%	18,838,803	e.	Total				\$ (38,458,889)		
	<u>Plan Year</u>	<u>Investment Gain/(Loss)</u>	<u>Percent Recognized</u>	<u>Percent Deferred</u>	<u>Deferred Gain/(Loss)</u>																																		
a.	2024	\$ 24,484,880	20%	80%	\$ 19,587,904																																		
b.	2023	19,323,660	40%	60%	11,594,196																																		
c.	2022	(221,199,480)	60%	40%	(88,479,792)																																		
d.	2021	94,194,013	80%	20%	18,838,803																																		
e.	Total				\$ (38,458,889)																																		
11.	Preliminary Actuarial Value of Assets as of January 1, 2025: (9) - (10e)		\$ 1,525,865,213																																				
12.	Corridor																																						
	a. 80% of Market Value: 0.80 x (9)		\$ 1,189,925,059																																				
	b. 120% of Market Value: 1.20 x (9)		\$ 1,784,887,589																																				
13.	Actuarial Value of Assets as of January 1, 2025: (11), but not less than (12a) nor more than (12b)		\$ 1,525,865,213																																				

RECONCILIATION OF PARTICIPANT DATA

	<u>Actives</u>	<u>Pensioners & Beneficiaries</u>	<u>Deferred Vested Participants</u>	<u>Total</u>
1. Participants in Prior Valuation	5,424	16,372	4,425	26,221
2. Change During Year				
a. New entrants	375	-	-	375
b. Returns to active employment	38	-	(38)	-
c. Retirements	(133)	438	(305)	-
d. Deaths with survivor annuity	(4)	(181)	(14)	(199)
e. Deaths with no survivor	(4)	(712)	(24)	(740)
f. Deaths with lump sum benefit	-	-	-	-
g. New beneficiaries	-	189	10	199
h. Vested terminations	(90)	-	90	-
i. Non-vested terminations	(319)	-	-	(319)
j. Alternate Payee under QDRO	-	-	-	-
k. Return from pension/suspended	-	(10)	10	-
l. End of certain period	-	(2)	-	(2)
m. Data corrections	-	70	(3)	67
n. Total change	<u>(137)</u>	<u>(208)</u>	<u>(274)</u>	<u>(619)</u>
3. Participants in Current Valuation	5,287	16,164	4,151	25,602

AGE / SERVICE DISTRIBUTION OF ACTIVE PARTICIPANTS

	Attained	Years of Credited Service										Total Number
	Age	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
<u>Average Age:</u> 2025: 45.90 2024: 45.61	Under 25	78	123	3	0	0	0	0	0	0	0	204
	25-29	67	277	52	5	0	0	0	0	0	0	401
<u>Average Service:</u> 2025: 11.44 2024: 11.06	30-34	62	333	150	45	0	0	0	0	0	0	590
	35-39	48	315	200	61	13	1	0	0	0	0	638
<u># of Males:</u> 4,940	40-44	35	248	169	77	70	18	3	0	0	0	620
	45-49	44	201	145	71	101	61	18	2	0	0	643
<u># of Females:</u> 347	50-54	35	134	121	78	94	124	82	26	3	0	697
	55-59	19	118	120	81	77	110	116	77	48	1	767
	60-64	11	64	81	54	62	60	71	59	63	22	547
	65-69	4	18	20	21	22	16	11	12	16	14	154
	70 & Over	1	2	0	3	2	2	6	2	3	5	26
	Total	404	1,833	1,061	496	441	392	307	178	133	42	5,287

AGE DISTRIBUTION OF INACTIVE PARTICIPANTS

Age Last Birthday	Normal, Early, and Deferred Vested Retirements*		Terminated Participants & Beneficiaries with Rights to Future Benefits **		Total	
	Number	Annual Benefit	Number	Annual Benefit	Number	Annual Benefit
Under 45	3	\$ 30,540	491	\$ 2,984,175	494	\$ 3,014,715
45-49	5	37,248	439	2,648,606	444	2,685,854
50-54	30	170,304	694	4,872,789	724	5,043,093
55-59	249	3,852,480	942	6,446,227	1,191	10,298,707
60-64	1,201	15,880,069	948	4,291,928	2,149	20,171,997
65-69	2,765	27,082,725	465	1,533,389	3,230	28,616,114
70-74	3,307	26,768,339	128	323,208	3,435	27,091,547
75-79	3,324	22,887,190	21	72,174	3,345	22,959,364
80 & Over	5,280	28,999,603	23	65,475	5,303	29,065,078
Total	16,164	\$ 125,708,498	4,151	\$ 23,237,971	20,315	\$ 148,946,469

Average age 76.01 56.43

Average monthly benefit \$648 \$467

* Including surviving spouses in pay status.

** Including surviving spouses eligible for future payment.

Benefits shown for Terminated Vested Participants beyond Normal Retirement Age do not reflect actuarial increases.

ACTUARIAL ASSUMPTIONS AND METHODS

Interest Rates

Funding 7.00% per year, compounded annually, net of investment expenses.

Current Liability The highest interest rate within the permissible range prescribed under IRC Section 431(c)(6)(E); valued at 4.01% as of January 1, 2025.

Mortality

Healthy Participants 115% of Pri-2012 Amount-Weighted Blue Collar mortality table rates, adjusted generationally from 2012 with mortality improvement table MP-2021.

Survivors of Deceased Participants 115% of Pri-2012 Amount-Weighted Blue Collar Survivor mortality table rates, adjusted generationally from 2012 with mortality improvement table MP-2021.

Disabled Lives 115% of Pri-2012 Amount-Weighted Disabled mortality table rates, adjusted generationally from 2012 with mortality improvement table MP-2021.

Current Liability IRS 2025 Static Mortality, as prescribed.

Retirement

Active rates of retirement are based on age and service, as shown below. Participants with under 15 years of service are assumed to retire at the 65+ rates below, with no retirements prior to age 65.

Rate of Retirement			Rate of Retirement		
Attained Age	15-24	25+	Attained Age	15-24	25+
55	0.01	0.04	63	0.16	0.25
56	0.01	0.04	64	0.16	0.25
57	0.05	0.24	65	0.25	0.25
58	0.05	0.14	66	0.25	0.25
59	0.05	0.14	67	0.25	0.25
60	0.05	0.14	68	0.25	0.25
61	0.07	0.14	69	0.25	0.25
62	0.16	0.35	70	1.00	1.00

Vested terminated participants are assumed to retire at the following rates:

Attained Age	Rate of Retirement	Attained Age	Rate of Retirement
57	0.10	62	0.15
58	0.05	63	0.15
59	0.05	64	0.15
60	0.05	65+	1.00
61	0.05		

ACTUARIAL ASSUMPTIONS AND METHODS (continued)

Withdrawal	Participants are assumed to terminate employment for reasons other than death, disability, or retirement according to Scale T-2 from the Actuary's Pension Handbook, with rates graduated from tabular at age 40 to zero at age 50.						
Disability	Probability of becoming disabled according to Sarason's Advanced Pension Table, with rates graduated from tabular at age 50 to zero at age 55.						
Expenses	An amount equal to the actual expenses (excluding investment expenses) paid in the preceding Plan Year, rounded to the nearest \$100,000, added to the Normal Cost. For the plan year beginning January 1, 2025, this amount is assumed to be \$4,500,000.						
Marital Status	80% of participants who have not yet commenced receipt of benefit are assumed to be married. Wives are assumed to be three years younger than their husbands.						
Form of Payment	Future retirees are assumed to elect forms of annuity at the following rates: <table><tr><td>Three-year Certain and Continuous annuity</td><td>55%</td></tr><tr><td>50% Joint and Survivor annuity</td><td>15%</td></tr><tr><td>100% Joint and Survivor annuity</td><td>30%</td></tr></table>	Three-year Certain and Continuous annuity	55%	50% Joint and Survivor annuity	15%	100% Joint and Survivor annuity	30%
Three-year Certain and Continuous annuity	55%						
50% Joint and Survivor annuity	15%						
100% Joint and Survivor annuity	30%						
Reciprocity Allowance	\$3 million has been added to the accrued liability to account for reciprocity benefits.						
Asset Valuation Method	Recognition of gains and losses above or below the assumed rate of return over a 5-year period, adjusted, if necessary, to remain no greater than 120% of market value, nor less than 80% of market value. As allowed by the Pension Relief Act of 2010, the loss from the 2008 plan year is being recognized over a 10-year period.						

ACTUARIAL ASSUMPTIONS AND METHODS (continued)

Actuarial Cost Methods

The Unit Credit Cost Method

Normal Cost - For each active participant, the present value of the benefit expected to be earned during the year.

Actuarial Accrued Liability - For each active participant, the present value of the benefit accrued as of the valuation date. For each terminated participant, the present value at the valuation date of his pension entitlement.

Data Methodology

Participant data is provided by the Plan Administrator. Data is classified as follows:

Retired: Reported as in payment.

Active: Reported with hours in the preceding year, with an accrued benefit, and not retired.

Terminated

vested: Vested with an accrued benefit, and neither retired nor active. Benefits are actuarially increased for retirements past normal retirement, up to age 70.

Changes since the Prior Valuation

The funding interest rate was decreased from 7.50% to 7.00%.

The retirement age assumption for vested terminated participants was changed from age 57 to the rates shown above.

The form of payment assumption was changed from Three-year Certain and Continuous to the election percentages shown above.

The current liability interest rate was updated from 3.29% to 4.01% to reflect the change in IRS mandated rates.

The mortality table used to calculate the RPA current liability was updated from 2024 to 2025.

ACTUARIAL ASSUMPTIONS AND METHODS (continued)

Rationale for Selection of Significant Actuarial Assumptions

Interest Rate	The interest rate assumption used for funding purposes is based on historical data, both current and future market expectations, and professional judgment. In setting the long-term investment return assumption, the Plan's Investment Consultant provided future investment expectations based on the Plan's asset allocation.
Mortality	The mortality assumption is based on historical and current demographic data, adjusted to reflect estimated future experience, and professional judgment. Experience studies wherein actual experience is compared to expected experience are performed periodically.
Retirement	The retirement decrements for active and vested terminated participants are based on studies of Plan experience.
Withdrawal	A standard withdrawal table has been selected which results in a similar level of aggregate annual withdrawal as the Plan has experienced over recent years.
Disability	Because the Fund does not have enough data to do a fully credible experience analysis with respect to disability during active employment, the current assumption has been selected based on observations of recent disabilities, the actuary's experience with plans of a similar size, plan design, workforce composition, geography, and discussions with the Plan Sponsor.
Form of Payment	The form of payment assumption is based on Plan experience during 2018 through 2022.
Plan Expenses	Expenses paid from the plan trust are estimated by reviewing historical fees paid from the trust and adjusting for PBGC premiums and other expenditures expected to be paid in this Plan Year.
Marital Status	The current assumption has been selected based on the actuary's experience with plans of a similar size, plan design, and workforce composition.

SUMMARY OF PRINCIPAL PLAN PROVISIONS

Introduction There are two pieces to the benefit. The first piece is the accrued benefit as of 12/31/1986 (Pre-RIP Benefit) and the second piece is the benefit accrued based on all service after 01/01/2003 (Future Service Date).

Payment of the Pre-RIP Benefit is generally based on the provisions of the plan at that time. Following is a summary of those provisions.

Vesting Service Each year during which the participant works at least 1,000 hours.

Benefit Service Prior to 1987: Each year during which the participant works at least 1,800 hours in covered employment. A partial year of benefit service is earned for a year in which less than 1,800 hours but more than 1,000 hours are worked.

Normal Retirement Date The later of age 57 or the fifth anniversary of participation.

Normal Retirement Pension The monthly amount varies by benefit level and was frozen as of 12/31/1986.

Early Retirement Date Separation from covered employment on or after age 55 with five or more years of vesting service.

Early Retirement Pension The Normal Retirement Pension, actuarially reduced for commencement prior to age 57.

Disability Pension An active participant with at least 15 years of benefit service who has been awarded disability benefits by the Social Security Administration and is not eligible for a Normal Retirement Pension may be eligible for a disability benefit. The monthly benefit is payable as of the Social Security Entitlement date with no reduction for early commencement.

Single Sum Death Benefit The beneficiary of an active participant who dies will receive a lump sum death benefit. The amount of benefit is based on the number of years of Pre-RIP benefit service completed prior to death.

Termination Benefit Participants are 100% vested in their accrued pension after five years of vesting service, with benefits payable at age 57, or a reduced pension payable as early as age 55, if eligible.

SUMMARY OF PRINCIPAL PLAN PROVISIONS (continued)

Pre-Retirement

Spouse's Death Benefit

If a vested participant or vested former participant dies before his pension begins, his surviving spouse will be entitled to a lifetime pension. The amount of such pension will be the same as the spouse would have received if the participant had (i) separated from covered employment on the date of death, (ii) survived until the later of the earliest retirement date or date of death, (iii) retired having elected a Qualified Joint and Survivor Annuity, and (iv) died on the next day.

Normal Form of Payment

For single participants: Three-year Certain and Continuous annuity.
For married participants: 50% Joint and Survivor annuity.

Payment of the Future Service Benefit is based on the following summary of provisions.

Vesting Service

Each plan year during which the participant works at least 1,000 hours.

Benefit Service

Prior to 1987: Each plan year during which the participant works at least 1,800 hours in covered employment. A partial year of benefit service is earned for a plan year in which less than 1,800 hours but more than 1,000 hours are worked.

1987-2001: Each plan year during which the participant works at least 1,000 hours in covered employment.

2002: 1,500 hours in covered employment. A partial year of benefit service is earned for a plan year in which less than 1,500 hours but more than 1,000 hours are worked.

2003 and later: Each plan year during which the participant works at least 1,800 hours in covered employment. A partial year of benefit service is earned for a plan year in which less than 1,800 hours but more than 1,000 hours are worked.

Normal Retirement Date

The later of age 65 and the completion of five years of vesting service.

SUMMARY OF PRINCIPAL PLAN PROVISIONS (continued)

Normal Retirement Pension From Future Service Date: For each year of Benefit Service, the monthly benefit accrual is equal to the lesser of (i) 1.25% of Employer Contributions made on behalf of the member, or (ii) \$140 (\$160 for 2006, \$170 for 2007, \$180 for 2008 and \$165 for 2012).

In addition to the above, a monthly benefit accrual equal to 1.25% of the aggregate Employer Contributions from August 1, 2014 through July 31, 2016 generated by a contribution rate greater than \$10.145 per hour.

For calendar years 2018-2021, the monthly benefit accrual cap in (ii) above is \$180 for participants whose employer contributes at a rate of at least \$11.00 per hour (or \$1,906.67 per month) as of the December 31 immediately preceding.

For calendar year 2022, the monthly benefit accrual cap in (ii) above is \$180 for participants whose employer contributes at a rate of at least \$10.395 per hour (or \$1,801.80 per month) but less than \$11.00 per hour (or \$1,906.67 per month) as of 12/31/2021; and is \$200 for participants whose employer contributes at a rate of at least \$11.00 per hour (or \$1,906.67 per month) as of 12/31/2021.

For calendar year 2023, the monthly benefit accrual cap in (ii) above is \$180 for participants whose employer contributes at a rate of at least \$10.395 per hour (or \$1,801.80 per month) but less than \$11.00 per hour (or \$1,906.67 per month) as of 12/31/2022; and is \$200 for participants whose employer contributes at a rate of at least \$11.00 per hour (or \$1,906.67 per month) as of 12/31/2022.

For calendar years 2024 and 2025, the monthly benefit accrual cap in (ii) above is \$250 for participants whose employer contributes at a rate of at least \$11.00 per hour (or \$1,906.67 per month) but less than \$13.00 per hour (or \$2,253.33 per month) as of the last day of the previous year; and is \$300 for participants whose employer contributes at a rate of at least \$13.00 per hour (or \$2,253.33 per month) as of the last day of the previous year.

Early Retirement Pension Eligibility Separation from covered employment at any age with less than 15 years of Benefit Service, or separation from covered employment before the attainment of age 57 with 15-29 years of Benefit Service.

SUMMARY OF PRINCIPAL PLAN PROVISIONS (continued)

Special Early Retirement Eligibility	Separation from covered employment on or after the attainment of age 57 with 15-29 years of Benefit Service.
Special Early Retirement Pension Amount	The Normal Retirement Pension, reduced 0.25% for each month by which the actual benefit commencement date precedes age 65.
Service Pension Eligibility	Separation from covered employment on or after the attainment of age 50 with 30 or more years of Benefit Service.
Service Pension Amount	The Normal Retirement Pension, reduced 0.5% for each month by which the actual benefit commencement date precedes age 57.
Combined Minimum Retirement Benefit Eligibility	<p>Separation from covered employment on or after age 57 with 25 or more years of Benefit Service and a balance in the RIP plan.</p> <p>In addition, a member must be eligible under the "2-Year" and "45-Day" rules described in the Plan document in order to be eligible for this benefit, and must not have previously withdrawn any part of his/her RIP balance or commenced a DB benefit.</p> <p>To be eligible for the <u>highest level</u> of the Combined Benefit Minimum, a member must have at least 20 years of Benefit Service at the UPS or Freight contribution rate, or 15 years of Benefit Service at the UPS or Freight contribution rate, including the last 10 consecutive years before retirement.</p>
Combined Minimum Retirement Benefit	<p>The sum of the Pre-1987 and Future Service retirement benefit cannot be less than the excess, if any, of (a) over (b):</p> <p>a) \$3,100, prorated for contributions that are at less than the "full" contribution level.</p> <p>b) The annuity equivalent of the RIP Account Balance as of the date of benefit commencement, based on the UP 1984 Mortality Table and a 7.0% discount rate.</p>

SUMMARY OF PRINCIPAL PLAN PROVISIONS
 (continued)

**Rule of 82-85 Retirement
 Benefit Eligibility**

Separation from covered employment on or after attainment of 26 or more years of Benefit Service, with age plus years of Benefit Service at least 82.

In addition, a member must be eligible under the "2-Year" and "45-Day" rules described in the Plan document in order to be eligible for this benefit, and must not have previously withdrawn any part of his/her RIP balance or commenced a DB benefit.

To be eligible for the highest level of the Combined Benefit Minimum, a member must have at least 20 years of Benefit Service at the UPS or Freight contribution rate, or 15 years of Benefit Service at the UPS or Freight contribution rate, including the last 10 consecutive years before retirement.

**Rule of 82-85 Retirement
 Benefit**

The sum of the Pre-1987 and Future Service retirement benefit cannot be less than the excess, if any, of (a) over (b):

a) The benefit below, prorated for contributions that are at less than the "full" contribution level.

<u>Age + Years of Benefit Service</u>	<u>Benefit</u>
82	\$2,250
83	\$2,350
84	\$2,450
85+	\$2,550

b) The annuity equivalent of the RIP Account Balance as of the date of benefit commencement, based on the UP 1984 Mortality Table and a 7.0% discount rate.

Disability Pension

An active participant with at least 15 years of vesting service who has been awarded disability benefits by the Social Security Administration and is not eligible for a Normal Retirement Pension may be eligible for a disability benefit. The monthly benefit is payable as of the Social Security Entitlement date with no reduction for early commencement.

SUMMARY OF PRINCIPAL PLAN PROVISIONS (continued)

Single Sum Death Benefit	Effective January 1, 2025, the beneficiary of an unmarried vested participant who dies while in active employment shall receive a single sum death benefit of \$10,000.
Pre-Retirement Spouse's Death Benefit	<p>If a vested active or former participant dies before his pension begins, his surviving spouse will be entitled to a lifetime pension. The amount of such pension will be the same as the spouse would have received if the participant had (i) separated from covered employment on the date of death, (ii) survived until the later of the earliest retirement date or date of death, (iii) retired having elected a Qualified Joint and Survivor Annuity, and (iv) died on the next day.</p> <p>For purposes of calculating the amount of pre-retirement spouse's death benefit, vested active participants who have 15-29 years of Benefit Service at their date of death will be considered to have been eligible for the Plan's Special Early Retirement Pension (beginning at age 57), regardless of their age at death.</p>
Termination Benefit	Participants are 100% vested in their accrued pension after five years of vesting service, with benefits payable at age 65, or a reduced pension payable as early as age 57.
UPS Pension Plan Reciprocity	Effective January 1, 2018, participants receive 0.5 years of service for benefit eligibility for each 1.0 years of service earned in the UPS Pension Plan. This additional eligibility does not apply for the Combined Minimum Monthly Benefit or the Rule of 82-85 Benefit.
Normal Form of Payment	<p><u>For single participants:</u> Three-year Certain and Continuous annuity.</p> <p><u>For married participants:</u> 50% Joint and Survivor annuity.</p>
Changes since the Prior Valuation	<p>For calendar year 2025, the monthly benefit accrual cap is \$250 for participants whose employer contributes at a rate of at least \$11.00 per hour (or \$1,906.67 per month) but less than \$13.00 per hour (or \$2,253.33 per month) as of 12/31/2024; and is \$300 for participants whose employer contributes at a rate of at least \$13.00 per hour (or \$2,253.33 per month) as of 12/31/2024.</p> <p>Effective January 1, 2025, the beneficiary of an unmarried vested participant who dies while in active employment shall receive a single sum death benefit of \$10,000.</p>

RISKS INHERENT IN ACTUARIAL VALUATIONS – ASOP 51

The results presented in this report are based upon various actuarial assumptions detailed herein. The actuarial assumptions represent the expected experience for the Plan, which may or may not materialize. Actuarial assumptions are used in a forward-looking financial and demographic model to present a single scenario from a wide range of possibilities. However, the future is uncertain and the plan's actual experience will differ from those assumptions; these differences may be significant or material because actuarial estimates can be very sensitive to the assumptions made and, in some cases, the interaction between these assumptions.

Risk, as defined in Actuarial Standard of Practice (ASOP) No. 51, is the potential of actual future measurements deviating from expected future measurements resulting from actual experience deviating from actuarially assumed experience. Given that the future is uncertain, there are inherent risks involved when measuring pension obligations, which can lead to volatility in the funded status of the Plan and expected contribution requirements.

Examples of risks which exist that could significantly affect a Plan's future financial condition:

- Investment risk – the potential that investment returns will be different than expected;
- Longevity and other demographic risks – the potential that mortality or other demographic experience will be different than expected; and
- Contribution risk – the potential of actual contributions deviating from expected future contributions.

The purpose of this section is to help the readers of this report gain a better understanding of these risks inherent in measuring pension obligations. The risks presented in this section are those that may be reasonably anticipated to significantly affect the Plan's future financial condition. However, the possibility of other risks exists. This section is not intended to assess the ability or willingness of the plan sponsor to make contributions when due, or assess the likelihood of change in laws.

The risks described below all have the potential to impact the future financial position of the Plan because the Plan has an Unfunded Accrued Liability (i.e., the Plan's liabilities are greater than the Plan's assets) and is required to make minimum contributions.

Investment Risk

Investment risk will affect the Plan's future financial condition, both positively (if asset returns are higher than expected) and negatively (if asset returns are less than expected). Higher returns provide more assets to pay for benefits and lower returns provide less assets to pay for benefits.

Longevity and Other Demographic Risks

Longevity risk will affect the Plan's future financial condition if mortality experience is different than expected. For example, participants living longer than expected will cause benefits to be paid out over a longer period of time. Demographic risk will affect the Plan's future financial condition if other assumptions, such as withdrawal rates, disability incidence, etc., are different than expected.

ASOP 51 – RISKS INHERENT IN ACTUARIAL VALUATIONS (continued)

Contribution Risk

Contribution risk will affect the Plan’s future financial condition if actual contributions deviate from expected future contributions. Examples include a Plan not making contributions in accordance with its funding policy, a material change occurring in the anticipated number of covered employees, hours worked, or other relevant contribution base, or the plan experiencing a financial hardship.

Maturity Measures

The following measures could be helpful in understanding the various risks inherent in this valuation.

Currently, 66% of the Plan’s liabilities are for retirees currently in payment status. The liabilities for retirees are relatively stable, primarily impacted by longevity risk.

Retiree liability	\$1,058,907,428
Total liability	\$1,605,103,293

During the past plan year, Employer contributions were approximately 75% of the amount of benefit payments made to pensioners and beneficiaries.

Benefit payments	\$129,700,012
Contributions	\$97,839,938

Relevant Historical Information

The Discussion section of this report provides historical information helpful in understanding the various risks inherent in this valuation.

Other Considerations

The risks discussed herein are those that may reasonably be anticipated to significantly affect the Plan’s future financial condition. The possibility of other risks exists. Each risk discussed has the potential to not only impact the Plan’s future financial position by itself, but also in conjunction with other risks. In order to understand the impact each risk could have on the overall financial position of the Plan, a more detailed assessment should be performed. We are available to review the impact of the risks discussed in this section, as well as any other applicable risks upon request.

LOW-DEFAULT RISK OBLIGATION MEASURE – ASOP 4

The Plan invests in a diversified portfolio of stocks, bonds, and real estate, with the objective of maximizing investment returns at a reasonable level of risk. The potential for investment returns to be different than expected is a key risk for the Plan. Reducing the Plan’s investment risk by investing solely in bonds, however, would also likely reduce the Plan’s investment returns thereby increasing the amount of contributions needed over the long term.

The **Low-Default-Risk Obligation Measure (LDROM)**, as defined in Actuarial Standard of Practice (ASOP) No. 4, represents what the funding liability would be if the Plan invested its assets solely in a portfolio of low-default-risk fixed income securities whose cash flows can reasonably be expected to reflect future benefit payments. Consequently, the difference between the Plan’s Actuarial Accrued Liability and the LDROM can be thought of as representing the increased risk the Plan is taking on by investing in a diversified portfolio that is expected to return more than investing only in high quality, low-default-risk

The purpose of this section is to provide information regarding the significance of the low-default-risk obligation measure with respect to the funded status of the Plan, Plan contributions, and the security of participant benefits. This actuarial valuation reports the funded status and develops contributions based on the expected return of the Plan’s investment portfolio. If instead, the Plan switched to investing exclusively in low-default-risk fixed income securities, the LDROM illustrates that the reported funded status would be lower and the actuarially determined contributions would be higher. Unnecessarily high contribution requirements in the near term may not be affordable and could harm plan sustainability and benefit security.

This section is not intended to reflect a true measure of the Plan's funded status, health, or liabilities.

LDROM as of January 1, 2025

1. LDROM	\$ 2,357,368,990
2. Actuarial Accrued Liability	\$ 1,605,103,293
3. Liability Difference: (1) - (2)	\$ 752,265,697

Assumptions

The LDROM reflected in this section is the Plan's Current Liability, as shown in Exhibit B-2 of the report. This liability is determined using the same actuarial assumptions and actuarial funding method that were used for purposes of determining the Plan's actuarial accrued liability, with the exception of the discount rate (4.01%) and the mortality table (2025 IRS Static Mortality). The complete assumptions and methods used are disclosed in Appendix 1.