\mathbf{X} Segal Consulting

Automotive Industries Pension Plan

Actuarial Valuation and Review as of January 1, 2017

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February 16, 2018

Board of Trustees Automotive Industries Pension Plan Dublin, California

Dear Trustees:

We are pleased to submit the Actuarial Valuation and Review as of January 1, 2017. It establishes the funding requirements for the current year and analyzes the preceding year's experience. It also summarizes the actuarial data and includes the actuarial information that is required to be filed with Form 5500 to federal government agencies.

The census information upon which our calculations were based was prepared by the Fund Office, under the direction of Michael Schumacher. That assistance is gratefully acknowledged. The actuarial calculations were completed under the supervision of Paul C. Poon, ASA, MAAA, Enrolled Actuary.

We look forward to reviewing this report with you at your next meeting and to answering any questions you may have.

Sincerely,

Segal Consulting, a Member of The Segal Group

By: Frederick C. K. Herberich Senior Vice President

cc: Sun Chang, Esq. Kara Dantono Kimberly A. Hancock, Esq. David Haumesser Jessica Roster, CPA Jenna Savage Michael Schumacher Nancy Vuong

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Introduction

There are several ways of evaluating funding adequacy for a pension plan. In monitoring the Plan's financial position, the Trustees should keep in mind all of these concepts.

Funding Standard Account	The ERISA Funding Standard Account (FSA) measures the cumulative difference between actual contributions and the minimum required contributions. If actual contributions exceed the minimum required contributions, the excess is called the credit balance. If actual contributions fall short of the minimum required contributions, a funding deficiency occurs.
Zone Information	The Pension Protection Act of 2006 (PPA'06) called on plan sponsors to actively monitor the projected FSA credit balance, the funded percentage (the ratio of the actuarial value of assets to the present value of benefits earned to date) and cash flow sufficiency. Based on these measures, plans are then categorized as critical (<i>Red Zone</i>), endangered (<i>Yellow Zone</i>), or neither (<i>Green Zone</i>). The Multiemployer Pension Reform Act of 2014 (MPRA), among other things, made the zone provisions permanent.
Solvency Projections	Pension plan funding anticipates that, over the long term, both contributions and investment earnings will be needed to cover benefit payments and expenses. To the extent that contributions are less than benefit payments, investment earnings and fund assets will be needed to cover the shortfall. In some situations, a plan may be faced with insufficient assets to cover its current obligations and may need assistance from the Pension Benefit Guaranty Corporation (PBGC). MPRA provides options for some plans facing insolvency.
 Scheduled Cost	The Scheduled Cost is an annual amount based on benefit levels and assets that allows a comparison to current contribution levels, given the expectation of a continuing Plan.
Withdrawal Liability	ERISA provides for assessment of withdrawal liability to employers who withdraw from a multiemployer plan based on unfunded vested benefit liabilities. A separate report is available.

Important Information about Actuarial Valuations

An actuarial valuation is a budgeting tool with respect to the financing of future uncertain obligations of a pension plan. As such, it will never forecast the precise future contribution requirements or the precise future stream of benefit payments. In any event, it is an estimated forecast — the actual cost of the plan will be determined by the benefits and expenses paid, not by the actuarial valuation.

In order to prepare a valuation, Segal Consulting ("Segal") relies on a number of input items. These include:

	Plan Provisions	Plan provisions define the rules that will be used to determine benefit payments, and those rules, or the interpretation of them, may change over time. Even where they appear precise, outside factors may change how they operate. For example, a plan may require the award of a Social Security disability pension as a condition for receiving a disability pension from the plan. If so, changes in the Social Security law or administration may change the plan's costs without any change in the terms of the plan itself. It is important for the Trustees to keep Segal informed with respect to plan provisions and administrative procedures, and to review the plan summary included in our report to confirm that Segal has correctly interpreted the plan of benefits.
11	Participant Information	An actuarial valuation for a plan is based on data provided to the actuary by the plan. Segal does not audit such data for completeness or accuracy, other than reviewing it for obvious inconsistencies compared to prior data and other information that appears unreasonable. For most plans, it is not possible nor desirable to take a snapshot of the actual workforce on the valuation date. It is not necessary to have perfect data for an actuarial valuation: the valuation is an estimated forecast, not a prediction. The uncertainties in other factors are such that even perfect data does not produce a "perfect" result. Notwithstanding the above, it is important for Segal to receive the best possible data and to be informed about any known incomplete or inaccurate data.
Ś	Financial Information	Part of the cost of a plan will be paid from existing assets – the balance will need to come from future contributions and investment income. The valuation is based on the asset values as of the valuation date, typically reported by the auditor. Some plans include assets, such as private equity holdings, real estate, or hedge funds, that are not subject to valuation by reference to transactions in the marketplace. A snapshot as of a single date may not be an appropriate value for determining a single year's contribution requirement, especially in volatile markets. Plan sponsors often use an "actuarial value of assets" that differs from market value to gradually reflect year-to-year changes in the market value of assets in determining the contribution requirements.
E	Actuarial Assumptions	In preparing an actuarial valuation, Segal starts by developing a forecast of the benefits to be paid to existing plan participants for the rest of their lives and the lives of their beneficiaries. This requires actuarial assumptions as to the probability of death, disability, withdrawal, and retirement of participants in each year, as well as forecasts of the plan's benefits for each of those events. The forecasted benefits are then discounted to a present value, typically based on an estimate of the rate of return that will be achieved on the plan's assets. All of these factors are uncertain and unknowable. Thus, there will be a range of reasonable assumptions, and the results may vary materially based on which assumptions the actuary selects within that range. That is, there is no right answer (except with hindsight). It is important for any user of an actuarial valuation to understand and accept this constraint. The actuarial model may use approximations and estimates that will have an immaterial impact on our results and will have no impact on the actual cost of the plan (the total of benefits and expenses paid out over time). In addition, the actuarial assumptions may change over time, and while this can have a significant impact on the reported results, it does not mean that the previous assumptions or results were unreasonable or wrong.

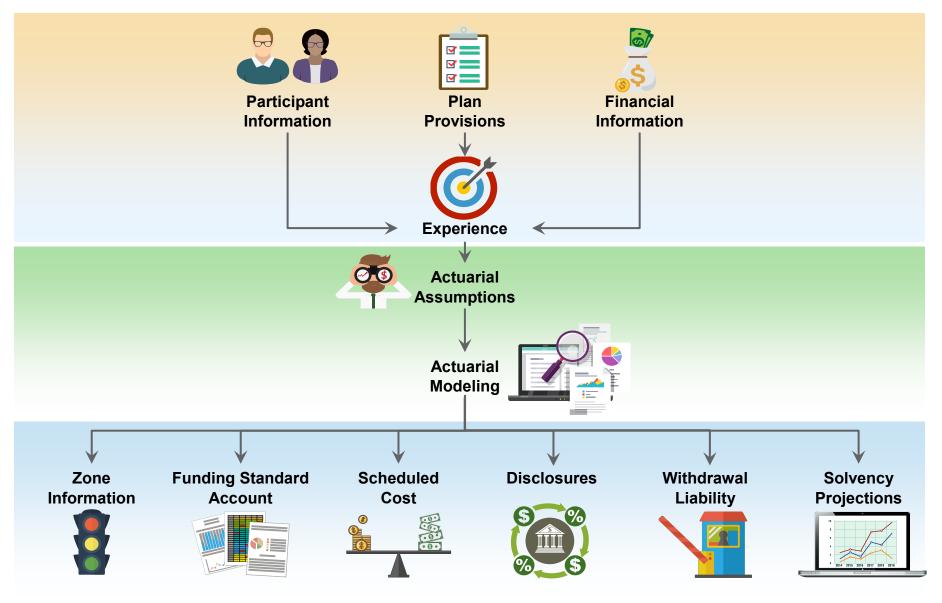


Given the above, the user of Segal's actuarial valuation (or other actuarial calculations) needs to keep the following in mind:

- The actuarial valuation is prepared for use by the Trustees. It includes information for compliance with federal filing requirements and for the plan's auditor. Segal is not responsible for the use or misuse of its report, particularly by any other party.
- An actuarial valuation is a measurement at a specific date it is not a prediction of a plan's future financial condition. Accordingly, Segal did not perform an analysis of the potential range of financial measurements, except where otherwise noted.
- Actuarial results in this report are not rounded, but that does not imply precision.
- Critical events for a plan include, but are not limited to, decisions about changes in benefits and contributions. The basis for such decisions needs to consider many factors such as the risk of changes in employment levels and investment losses, not just the current valuation results.
- ERISA requires a plan's enrolled actuary to provide a statement for inclusion in the plan's annual report disclosing any event or trend that the actuary has not taken into account, if, to the best of the actuary's knowledge, such an event or trend may require a material increase in plan costs or required contribution rates. If the Trustees are currently aware of any event that was not considered in this valuation and that may materially increase the cost of the Plan, they must advise Segal, so that we can evaluate it and take it into account.
- A certification of "zone" status under PPA'06 is a separate document from the actuarial valuation.
- Segal does not provide investment, legal, accounting, or tax advice. This valuation is based on Segal's understanding of applicable guidance in these areas and of the plan's provisions, but they may be subject to alternative interpretations. The Trustees should look to their other advisors for expertise in these areas.
- While Segal maintains extensive quality assurance procedures, an actuarial valuation involves complex computer models and numerous inputs. In the event that an inaccuracy is discovered after presentation of Segal's valuation, Segal may revise that valuation or make an appropriate adjustment in the next valuation.
- Segal's report shall be deemed to be final and accepted by the Trustees upon delivery and review. Trustees should notify Segal immediately of any
 questions or concerns about the final content.

As Segal Consulting has no discretionary authority with respect to the management or assets of the Plan, it is not a fiduciary in its capacity as actuaries and consultants with respect to the Plan.

ACTUARIAL VALUATION OVERVIEW



★ Segal Consulting 7

Section 1: Actuarial Valuation Summary

Summary of Key Valuation Results

		2016	2017
Certified Zone Status		Critical and Declining	Critical and Declining
Demographic	Number of active participants	3,923	3,928
Data:	Number of inactive participants with vested rights	10,394	10,594
	Number of retired participants and beneficiaries	11,239	11,179
Assets:	Market value of assets (MVA)	\$1,192,990,400	\$1,169,543,231
	Actuarial value of assets (AVA)	1,192,990,400	1,169,543,231
	AVA as a percent of MVA	100.0%	100.0%
Cash Flow:	 Projected employer contributions (including withdrawal liability payments) 	\$23,526,812	\$24,177,188
	Actual contributions	31,378,697 ¹	
	 Projected benefit payments and expenses 	141,979,326	139,858,355
	Insolvency projected in Plan Year beginning ²	2030	2029
Statutory	Minimum required contribution	\$582,342,694	\$717,410,781
Funding	Maximum deductible contribution	3,264,455,404	3,432,712,610
Information:	Annual Funding Notice percentage	62.2%	54.3%
	FSA deficiency projected in Plan Year	Yes	Yes
Cost Elements	Normal cost, including administrative expenses	\$8,160,791	\$9,310,922
on an FSA	Actuarial accrued liability	1,916,926,229	2,153,319,932
Cost Basis:	 Unfunded actuarial accrued liability (based on AVA) 	\$723,935,829	\$983,776,701

1

Includes \$6,631,788 in withdrawal liability payments and \$352,857 in liquidated damages. Includes 5% annual contribution rate increases through 2019 under the Rehabilitation Plan Default Schedule. 2



Comparison of Funded Percentages

	Funded Pe as of Ja		2017		
	2016	2017	Liabilities	Assets	
1. Present Value of Future Benefits	60.9%	53.0%	\$2,208,727,577	\$1,169,543,231	
2. Actuarial Accrued Liability	62.2%	54.3%	2,153,319,932	1,169,543,231	
3. PPA'06 Liability and Annual Funding Notice	62.2%	54.3%	2,153,319,932	1,169,543,231	
4. Accumulated Benefits Liability	62.2%	54.3%	2,153,319,932	1,169,543,231	
5. Current Liability	37.7%	35.8%	3,263,801,419	1,169,543,231	

Notes:

- 1. The value of benefits earned through the valuation date (accrued benefits) plus the value of benefits projected to be earned in the future for current participants. Used to develop the actuarial accrued liability, based on the funding investment return assumption of 6.50% and the actuarial (market) value of assets.
- 2. The portion of the present value of future benefits allocated by the actuarial cost method to years prior to the valuation date. Used in determining the Funding Standard Account, based on the funding investment return assumption of 6.50% and the actuarial (market) value of assets.
- 3. The present value of benefits earned through the valuation date (accrued benefits) defined by PPA'06, based on the funding investment return assumption of 6.50% and compared to the actuarial (market) value of assets.
- 4. The present value of accrued benefits for disclosure in the audited financial statements, based on the funding investment return assumption of 6.50%, and compared to the market value of assets.
- 5. The present value of accrued benefits based on a government-prescribed mortality table and investment return assumption of 3.28% for 2016 and 3.05% for 2017, and compared to the market value of assets. Used to develop the maximum tax-deductible contribution and shown on the Schedule MB if less than 70%.

Disclosure: These measurements are not necessarily appropriate for assessing the sufficiency of Plan assets to cover the estimated cost of settling the Plan's benefit obligations or the need for or the amount of future contributions.



This January 1, 2017 actuarial valuation report is based on financial and demographic information as of that date. Changes subsequent to that date are not reflected unless specifically identified, and will affect future results. Segal is prepared to work with the Trustees to analyze the effects of any subsequent developments. The current year's actuarial valuation results follow.

A. Developments Since Last Valuation

1. The rate of return on the actuarial and market value of plan assets was 7.28% for the 2016 plan year. Given the low fixed income interest rate environment, target asset allocation and expectations of future investment returns for various asset classes, we will continue to monitor the Plan's actual and anticipated investment returns relative to the assumed rate of return on investments of 6.50%.



- 2. Based on past experience and future expectations, most of the actuarial assumptions were updated, including a reduction in the assumed investment return rate from 7.25% to 6.50%. Details to all changes are included in *Section 4, Exhibit 8*. These changes caused the projected insolvency to become one year earlier than projected in the prior year's valuation.
- 3. The 2017 certification, issued on March 31, 2017, based on the liabilities calculated in the 2016 actuarial valuation, projected to January 1, 2017, and estimated asset information as of January 1, 2017 classified the Plan as critical and declining (in the *Red Zone*) because there was a projected deficiency in the FSA within one year and a projected insolvency within 15 years. This projection was based on the Trustees' industry activity assumption that the total number of contributory months will decline by 2% per year for the next three years and remain level after.
- 4. Under the Trustees' Rehabilitation Plan, new collective bargaining agreements negotiated after April 27, 2008 are subject to the Default Schedule that includes the maximum benefit reductions allowed by law. These reductions include the removal of all early retirement subsidies, joint and survivor subsidies, disability pensions, the 36-payment pre-retirement death benefit and all benefit options besides the single life annuity, QJSA and QOSA. The Default Schedule also includes supplemental off-benefit contributions beginning January 1, 2013. The valuation recognizes the Default Schedule.



B. Funded Percentage and Funding Standard Account

- 1. Based on this January 1, 2017 actuarial valuation, the funded percentage that will be reported on the 2017 Annual Funding Notice is 54.3%.
- 2. The funding deficiency in the FSA as of December 31, 2016 was \$549,826,520, an increase of \$106,722,121 from the prior year.





C. Solvency Projections

1. Based on this valuation, the current value of assets plus future investment earnings and contribution income are not projected to cover benefit payments and administrative expenses beyond 12 years (through December 31, 2028), assuming experience is consistent with January 1, 2017 assumptions. This is one year earlier than projected in the January 1, 2016 actuarial valuation because of the changes in the actuarial assumptions, in particular the decrease in the assumed investment return rate. The projected assets until insolvency and the projection basis are shown on page 32. If requested by the Trustees, we can perform additional projections of the financial status of the Plan.





D. Funding Concerns and Risk

- 1. The projected inability to pay benefits must continue to be monitored.
- 2. The actions already taken to address this issue include the Trustees' Rehabilitation Plan that was updated to forestall insolvency.
- 3. We will continue to work with the Trustees to review alternatives that may help address the imbalance between the benefit levels in the Plan and the resources available to pay for them.
- 4. Since the actuarial valuation results are dependent on a given set of assumptions, there is a risk that emerging results may differ significantly as actual experience proves to be different from the assumptions. We have included a discussion of various risks that may affect the Plan in *Section 2*.

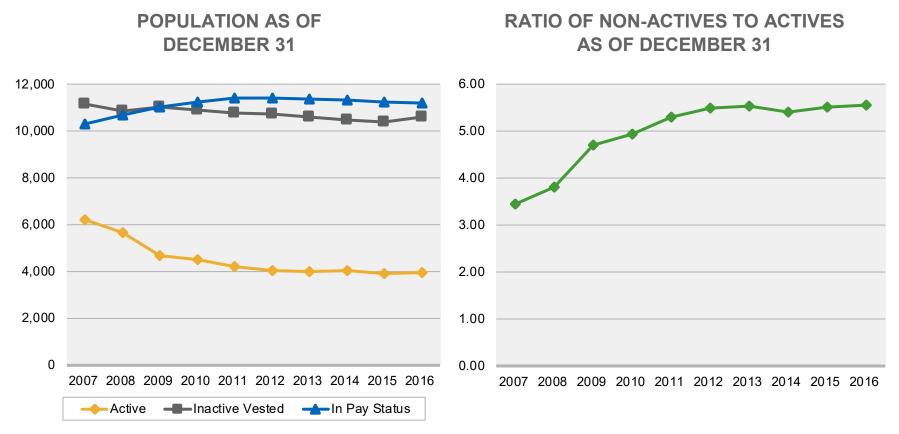




Section 2: Actuarial Valuation Results

Participant Information

- > The Actuarial Valuation is based on demographic data as of December 31, 2016.
- > There are 3,928 active participants in the current valuation, compared to 3,923 in the prior valuation. The ratio of non-actives to actives has remained at 5.5 from the prior year.
- > More details on the historical information are included in *Section 3, Exhibits A* and *B*.



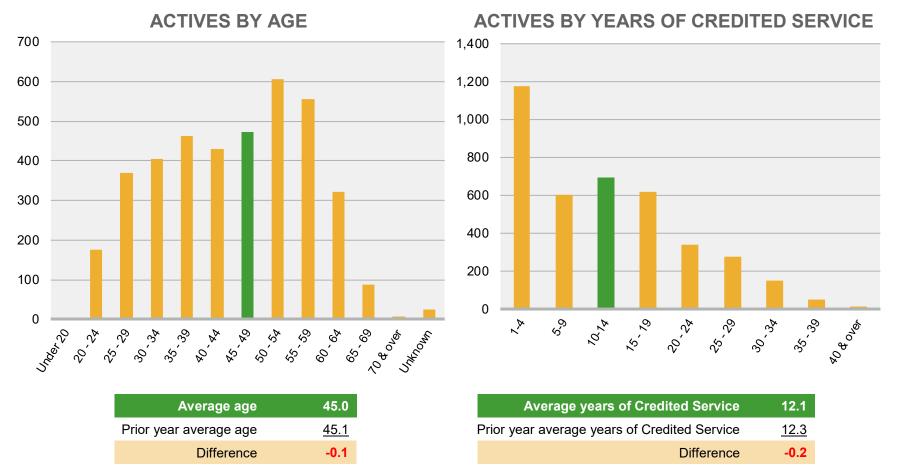
Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan



Active Participants

- > There were 3,928 active participants this year, about the same as the 3,923 active participants in the prior year.
- > The age and service distribution is included in *Section 4, Exhibit 6*.

Distribution of Active Participants as of December 31, 2016

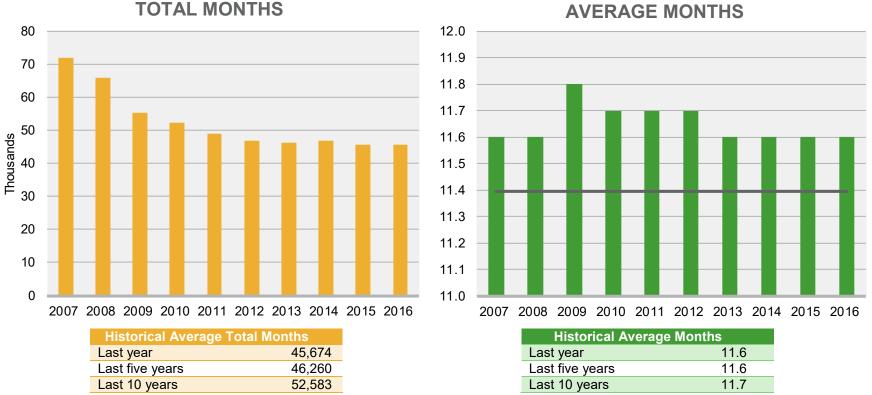


Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan



Historical Employment

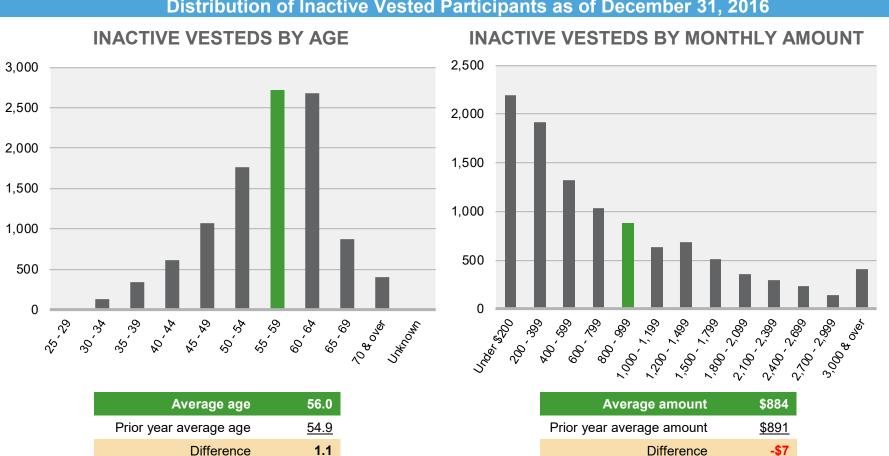
- > The charts below show a history of months worked over the last ten years. Additional detail is in Section 3, Exhibit C.
- The 2017 zone certification was based on an industry activity assumption that the total number of contributory months would decline >by 2% per year for the next three years, and remain level thereafter. We look to the Trustees for guidance as to whether this continues to be reasonable.





Inactive Vested Participants

- > A participant who is not currently active and has satisfied the vesting requirements for, but has not yet commenced, a pension is considered an "inactive vested" participant.
- > There were 10,594 inactive vested participants this year, an increase of 1.9% compared to 10,394 last year. This increase includes the effect of changing the inactive vested exclusion age from 70 to 80.



Distribution of Inactive Vested Participants as of December 31, 2016

Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan



New Pensions Awarded

- > There were 293 pensions awarded in 2016.
- > The average pension awarded, after adjustment for optional forms of payment, was \$893.

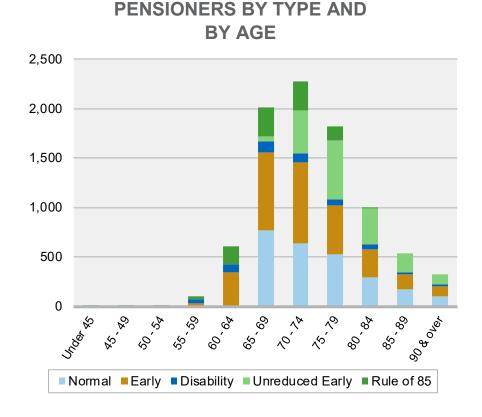
	То	tal	Nor	mal	Ea	rly	Disa	bility	Unreduc	ed Early	Rule	of 85
Year Ended Dec 31	Number	Average Amount	Number	Average Amount	Number	Average Amount	Number	Average Amount	Number	Average Amount	Number	Average Amount
2007	541	\$1,177	131	\$544	177	\$991	21	\$1,852	148	\$952	64	\$3,283
2008	678	1,360	134	687	276	1,102	29	1,882	133	1,015	106	3,172
2009	577	1,287	197	594	221	967	26	2,044	57	1,130	76	3,871
2010	463	1,105	169	518	181	727	17	1,736	35	1,801	61	3,281
2011	462	1,105	146	547	224	625	16	2,397	19	2,056	57	3,611
2012	311	1,157	212	534	42	1,627	6	2,822	17	2,012	34	3,742
2013	288	875	230	510	21	1,410	9	1,422	6	1,936	22	3,663
2014	247	872	203	672	33	1,268	4	1,593	1	1,101	6	4,940
2015	310	909	267	759	39	1,497	1	2,004	_	-	3	6,252
2016	293	893	263	798	29	1,554	_	_	_	_	1	6,595



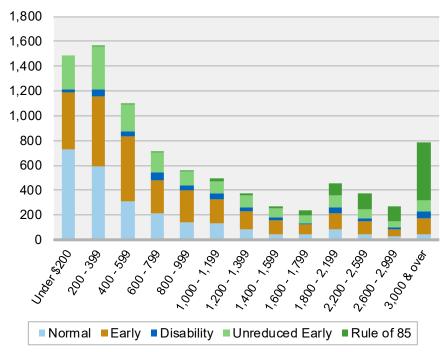
Pay Status Information

December 31, 2015	VS.	December 31, 2016
8,777 pensioners and 2,419 beneficiaries	\rightarrow	8,690 pensioners and 2,443 beneficiaries
\$11,085,801 total monthly benefits received	\rightarrow	\$11,073,069 total monthly benefits received
43 suspensions	\rightarrow	46 suspensions

Distribution of Pensioners as of December 31, 2016



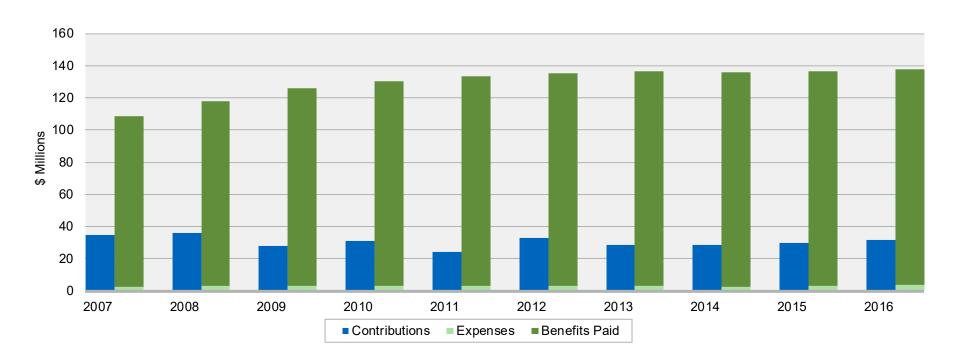




Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan

Financial Information

- > Benefits and expenses are funded solely from contributions and investment earnings.
- > Additional detail is in *Section 3, Exhibit E*.
- > For the most recent year, benefit payments and expenses were 4.4 times contributions, compared to 4.6 the prior year.



COMPARISON OF EMPLOYER CONTRIBUTIONS WITH BENEFITS AND EXPENSES PAID



Determination of Actuarial Value of Assets

> The actuarial value of assets is set equal to the market value of assets for the valuation. Under this valuation method, the full value of market fluctuation is recognized in a single year and, as a result, the asset value and the pension plan cost are relatively volatile. However, the volatility of plan costs is not an important factor for plans projected to become insolvent.

1 Actuarial value of assets = Market value of assets

\$1,169,543,231



Asset History for Years Ended December 31

- > Both the actuarial value and the market value of assets are representations of the Plan's financial status.
- > The actuarial value is subtracted from the Plan's total actuarial accrued liability to determine the portion that is not funded and is used to determine the PPA'06 funded percentage.

1.80 1.60 1.40 1.20 Billions 1.00 ω 0.80 0.60 0.40 0.20 0.00 2016 2007 2008 2009 2010 2011 2012 2013 2014 2015 — Market Value Actuarial Value

ACTUARIAL VALUE OF ASSETS VS. MARKET VALUE OF ASSETS AS OF DECEMBER 31

Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan



Actuarial Experience

- > Assumptions should reflect experience and should be based on reasonable expectations for the future.
- > Each year actual experience is compared to that projected by the assumptions. Differences are reflected in the contribution requirement as an experience gain or loss.
- > Assumptions are not changed if experience is believed to be a short-term development and that, over the long run, experience will return to assumed levels.
- > The net experience variation for the year was 0.3% of the projected actuarial accrued liability from the prior valuation, and was not significant when compared to that liability.

EXPERIENCE FOR THE YEAR ENDED DECEMBER 31, 2016

1	Net gain from investments	\$392,039
2	Net loss from administrative expenses	-692,507
3	Net gain from other experience	<u>5,342,908</u>
4	Net experience gain: 1 + 2 + 3	<u>\$5,042,440</u>



Actuarial Value Investment Experience

Net investment income consists of income at the actuarially assumed rate of return (net of investment expenses) and an adjustment for market value changes.

INVESTMENT EXPERIENCE FOR THE YEAR ENDED DECEMBER 31, 2016

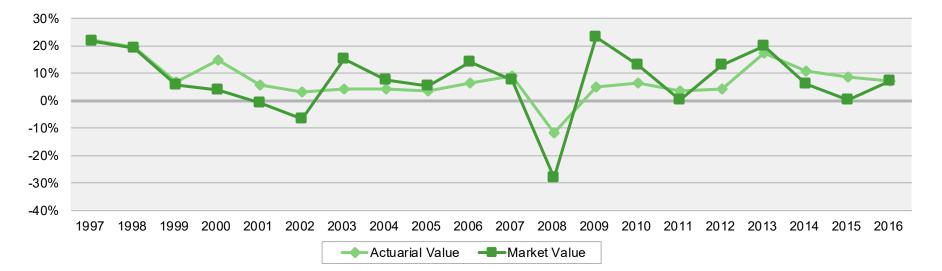
6	Actuarial gain: 1 - 5	
5	Expected net investment income: 2 x 4	\$82,632,215
4	Assumed rate of return	7.25%
3	Rate of return: 1 ÷ 2	7.28%
2	Average actuarial value of assets	1,139,754,689
1	Net investment income	\$83,024,254



Historical Investment Returns

> The assumed long-term rate of return of 6.50% considers past experience, the Trustees' asset allocation policy and future expectations.

MARKET VALUE AND ACTUARIAL RATES OF RETURN FOR YEARS ENDED DECEMBER 31



Average Rates of Return	Actuarial Value	Market Value
Most recent year return:	7.28%	7.28%
Most recent five-year average return:	9.63%	9.10%
Most recent ten-year average return:	5.55%	4.95%
20-year average return:	6.87%	6.44%

Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan



Non-Investment Experience

Administrative Expenses

> Administrative expenses for the year ended December 31, 2016 totaled \$3,670,508, as compared to the assumption of \$3,000,000.

Mortality Experience

- > Mortality experience (more or fewer than expected deaths) yields actuarial gains or losses.
- > The average number of deaths for nondisabled pensioners over the past 3 years was 342 per year compared to 336 projected deaths per year. The average number of deaths for disabled pensioners over the past 3 years was 26.3 per year compared to 25.6 projected deaths per year.

Other Experience

> Other differences between projected and actual experience include the extent of turnover among the participants and retirement experience (earlier or later than projected).



Actuarial Assumptions

- > There were changes in assumptions for FSA and Solvency Projection purposes since the prior valuation.
- > Effective January 1, 2017, the following assumptions were changed:
 - The rate of return assumption was lowered from 7.25% to 6.50%.
 - The mortality assumption for healthy lives was changed to the RP-2014 Blue Collar Mortality Tables (separate tables for pre- and post-retirement), adjusted backward to 2006 and projected from 2006 with the MP-2016 generational projection scale.
 - The mortality assumption for disabled lives was changed to the RP-2014 Disabled Retiree Mortality Tables, adjusted backward to 2006 and projected from 2006 with the MP-2016 generational projection scale.
 - The disability rates were eliminated.
 - Retirement and turnover rates were lowered.
 - Changes were also made to the percent married, spouse age difference, benefit election, benefit accrual months, and inactive vested exclusion age assumptions.
- > These changes resulted in a projected insolvency that is one year earlier than projected the prior year.
- > Details on actuarial assumptions and methods are in Section 4, Exhibit 8.



Plan Provisions

- > There were no changes in plan provisions since the prior valuation.
- > A summary of plan provisions is in *Section 4, Exhibit 9*.

Contribution Rate Changes

- The average monthly credited contribution rate used for benefit accruals decreased slightly from \$399.29 as of January 1, 2016 to \$395.58 as of January 1, 2017.
- > After reflecting the off-benefit rate increases under the Default Schedule, the estimated average monthly total contribution rate increased from \$485.34 as of January 1, 2016 to \$504.87 as of January 1, 2017.



Pension Protection Act of 2006

2017 Actuarial Status Certification

emerging funding challenges so they can be addressed effectively. Details are shown in2008RedSection 3, Exhibit J.2009RedThe 2017 certification, completed on March 31, 2017, was based on the liabilities calculated in the January 1, 2016 actuarial valuation, adjusted for subsequent events and projected to December 31, 2016, and estimated asset information as of December 31, 2016. The Trustees provided an industry activity assumption that contributory months will decline by 2% per year for the next three years, then remain level after.2013RedThis Plan was classified as critical and declining (in the Red Zone) due to a projected2014Red	>	PPA'06 requires trustees to actively monitor their plans' financial prospects to identify	Year	Zone Status
 The 2017 certification, completed on March 31, 2017, was based on the liabilities Calculated in the January 1, 2016 actuarial valuation, adjusted for subsequent events and projected to December 31, 2016, and estimated asset information as of December 31, 2016. The Trustees provided an industry activity assumption that contributory months will decline by 2% per year for the next three years, then remain level after. This Plan was classified as critical and declining (in the <i>Red Zone</i>) due to a projected 				Red
calculated in the January 1, 2016 actuarial valuation, adjusted for subsequent events and projected to December 31, 2016, and estimated asset information as of December 31, 2016. The Trustees provided an industry activity assumption that contributory months will decline by 2% per year for the next three years, then remain level after.2011RedThis Plan was classified as critical and declining (in the <i>Red Zone</i>) due to a projected2014Red		Section 3, Exhibit J.	2009	Red
projected to December 31, 2016, and estimated asset information as of December 31, 2016. The Trustees provided an industry activity assumption that contributory months will decline by 2% per year for the next three years, then remain level after. 2012 Red > This Plan was classified as critical and declining (in the <i>Red Zone</i>) due to a projected 2014 Red	>	The 2017 certification, completed on March 31, 2017, was based on the liabilities	2010	Red
2016. The Trustees provided an industry activity assumption that contributory months will decline by 2% per year for the next three years, then remain level after. 2012 Red > This Plan was classified as critical and declining (in the <i>Red Zone</i>) due to a projected 2013 Red				Red
will decline by 2% per year for the next three years, then remain level after.2013RedThis Plan was classified as critical and declining (in the <i>Red Zone</i>) due to a projected2014Red			2012	Red
> This Plan was classified as critical and declining (in the <i>Red Zone</i>) due to a projected			2013	Red
	>	This Plan was classified as critical and declining (in the <i>Red Zone</i>) due to a projected	2014	Red
deficiency in the FSA within 1 year and a projected insolvency within 15 years.		deficiency in the FSA within 1 year and a projected insolvency within 15 years.		Red
In addition, the Plan was certified as meeting its Scheduled Progress requirements under 2016 Red	>	In addition, the Plan was certified as meeting its Scheduled Progress requirements under	2016	Red
the Rehabilitation Plan. 2017 Red				Red

Rehabilitation Plan Update

- > The Trustees initially adopted a Rehabilitation Plan to enable the plan to cease being in critical status by the end of the Rehabilitation Period. Under the Rehabilitation Plan, new collective bargaining agreements negotiated on or after April 28, 2008 will include the maximum benefit reductions allowed by law. These reductions include the removal of all early retirement subsidies, joint and survivor subsidies, disability pensions, the 36-payment pre-retirement death benefit and all benefit options besides the single life annuity, QJSA or QOSA. The Rehabilitation Plan also includes supplemental off-benefit contributions to the plan beginning January 1, 2013.
- > Due to the adverse experience, the Trustees have determined that they could not make any reasonable updates to the Rehabilitation Plan to emerge from critical status. As a result, the Rehabilitation Plan was restated in 2012 to forestall plan insolvency. Working toward that goal, the Trustees have eliminated early retirement benefits for inactive participants and have reduced the supplemental off-benefit contributions to encourage continued plan participation.
- > Section 432(e)(3)(B) requires that the Trustees annually update the Rehabilitation Plan and Schedules. Segal will continue to assist the Trustees to evaluate and update the Rehabilitation Plan and prepare the required assessment of Scheduled Progress in meeting the requirements of the Rehabilitation Plan.

Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan

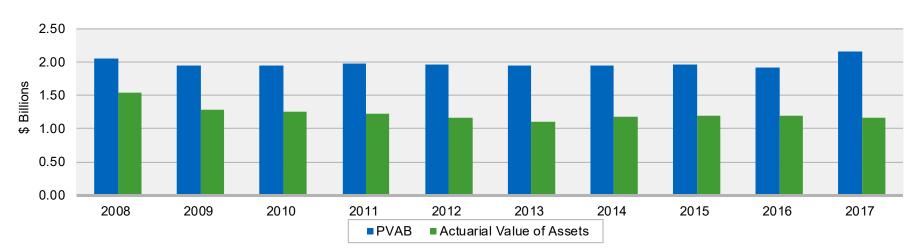


Funding Standard Account (FSA)

- > On December 31, 2016, the FSA had a funding deficiency of \$549,826,520, as shown on the 2016 Schedule MB. Contributions meet the legal requirement on a cumulative basis if that account shows no deficiency.
- > Employers contributing to plans in critical status will generally not be penalized if a funding deficiency develops, provided the parties fulfill their obligations under the Rehabilitation Plan, including negotiation of bargaining agreements consistent with Schedules provided by the Trustees.
- > The minimum funding requirement for the year beginning January 1, 2017 is \$717,410,781.
- > A summary of the ERISA minimum funding requirements and the FSA for the year ended December 31, 2016 is included in *Section 3, Exhibit H.*

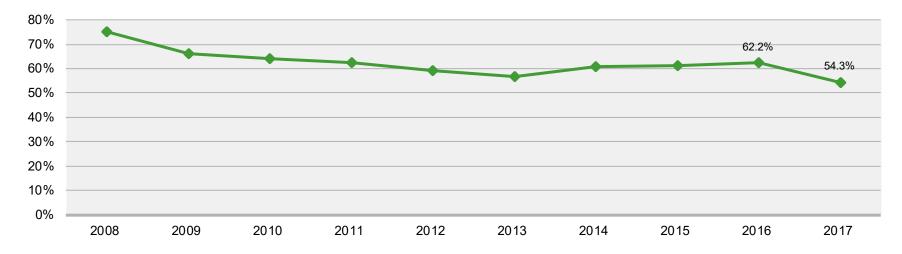


PPA'06 Funded Percentage Historical Information



PRESENT VALUE OF ACCRUED BENEFITS (PVAB) VS. ACTUARIAL VALUE OF ASSETS AS OF JANUARY 1

PPA '06 FUNDED PERCENTAGE AS OF JANUARY 1

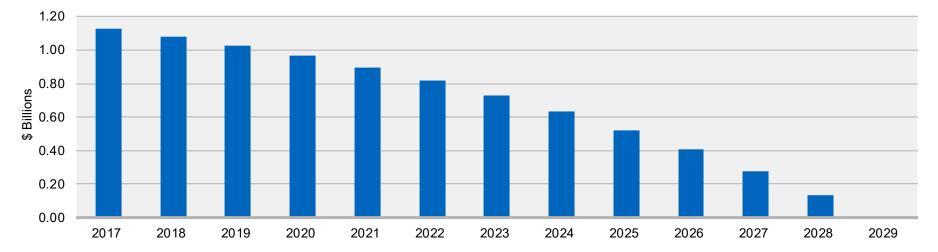


Section 2: Actuarial Valuation Results as of January 1, 2017 for the Automotive Industries Pension Plan



Solvency Projection

- > The Plan is operating under a Rehabilitation Plan that is intended to forestall insolvency. Accordingly, this report does not contain a long-term "Scheduled Cost" measure that the Trustees could use to evaluate whether benefit levels are sustainable given negotiated contribution rates.
- > Based on this valuation, assets are now projected to be exhausted in 2029, as shown below. This is one year earlier than projected in the prior year valuation, due to changes in actuarial assumptions, in particular, the decrease in the assumed investment return rate.
- > These projections are based on the plan of benefits and assumptions used in this valuation, adjusted for and including the following:
 - assumes all non-retired members are covered under the Rehabilitation Plan Default Schedule,
 - reflects the Trustees' decision to increase contribution rates by 5% per year over 7 years, beginning January 1, 2013 (the additional contributions do not count toward benefit accruals),
 - assumes expected future withdrawal liability payments, and
 - assumes total contributory months will decline by 2% per year for the next three years, then remain level thereafter.



PROJECTED ASSETS AS OF DECEMBER 31

Funding Concerns and Risk

- > The projected inability to pay benefits must continue to be monitored.
- > The actions already taken to address this issue include the Trustees' Rehabilitation Plan that was updated to forestall insolvency.
- > We will continue to work with the Trustees to review alternatives that may help address the imbalance between the benefit levels in the Plan and the resources available to pay for them.
- > Since the actuarial valuation results are dependent on a given set of assumptions, there is a risk that emerging results may differ significantly as actual experience proves to be different from the assumptions.
- > We have not been engaged to perform a detailed analysis of the potential range of future measurements, but have included a brief discussion of some risks that may affect the Plan. A more detailed assessment of the risks would provide the Trustees with a better understanding of the risks inherent in the Plan. This could be important because the Plan assets are quickly diminishing.
- > Investment Risk (the risk that returns will be different than expected)
- > Longevity Risk (the risk that mortality experience will be different than expected)
- > Contribution Risk (the risk that actual contributions will be different from projected contributions)
- Other Demographic Risk (the risk that participant experience will be different than assumed)
 Examples of this risk include:
 - Actual retirements occurring earlier or later than assumed.
 - More or less active participant turnover than assumed.
 - Return to covered employment of previously inactive participants.



Disclosure Requirements

Annual Funding Notice

- > The actuarial information to be provided in the annual funding notice is shown in *Section 3, Exhibit G.*
- > The value of plan benefits earned to date as of January 1, 2017 is \$2,153,319,932 using the funding interest rate of 6.50%. As the actuarial value of assets is \$1,169,543,231, the Plan's funded percentage is 54.3%, compared to 62.2% in the prior year.

Current Liability

The Plan's current liability as of January 1, 2017 is \$3,263,801,419 using an interest rate of 3.05%. As the market value of assets is \$1,169,543,231, the funded current liability percentage is 35.8%. This is required to be disclosed on the 2017 Schedule MB of IRS Form 5500 since it is less than 70%. Details are shown in *Section 4, Exhibit 3*.

Accounting Information

> The Financial Accounting Standards Board (FASB) requires determination of the present value of accumulated plan benefits - the single-sum value of the benefits, vested or not, earned by participants as of the valuation date. Additional details on the present value of the accumulated plan benefits can be found in *Section 4, Exhibit 2*.



Section 3: Supplementary Information

EXHIBIT A - TABLE OF PLAN COVERAGE

	Year Ended December 31			
Category	2015	2016	Change from Prior Year	
Active participants in valuation:				
Number	3,923	3,928	0.1%	
Average age	45.1	45.0	-0.1	
 Average years of Credited Service 	12.3	12.1	-0.2	
Average credited contribution rate for benefit accruals for upcoming year	\$399.29	\$395.58	-0.9%	
Number with unknown age	3	24	700.0%	
Total active vested participants	2,836	2,752	-3.0%	
Inactive participants with rights to a pension:				
Number	10,394	10,594	1.9%	
Average age	54.9	56.0	1.1	
Average monthly benefit	\$891	\$884	-0.8%	
Pensioners (including disableds):				
Number in pay status	8,777	8,690	-1.0%	
Average age	73.3	73.8	0.5	
Average monthly benefit	\$1,140	\$1,146	0.5%	
Number in suspended status	43	46	7.0%	
Beneficiaries:				
Number in pay status	2,419	2,443	1.0%	
Average age	75.5	75.6	0.1	
Average monthly benefit	\$447	\$456	2.0%	



Year Ended	Active	Inactive Vested	Pensioners and	Ratio of Non-Actives
December 31	Participants	Participants	Beneficiaries	to Actives
2007	6,211	11,156	10,293	3.45
2008	5,661	10,856	10,698	3.81
2009	4,687	11,011	11,044	4.71
2010	4,484	10,882	11,243	4.93
2011	4,180	10,749	11,402	5.30
2012	4,031	10,709	11,419	5.49
2013	3,979	10,602	11,377	5.52
2014	4,026	10,470	11,300	5.41
2015	3,923	10,394	11,239	5.51
2016	3,928	10,594	11,179	5.54

EXHIBIT B - PARTICIPANT POPULATION



	Total Hours	Total Hours of Contributions		Active Participants		e Months of tributions
Year Ended December 31	Number	Percent Change	Number	Percent Change	Number	Percent Change
2007	71,943	-4.1%	6,211	-3.3%	11.6	-0.9%
2008	65,874	-8.4%	5,661	-8.9%	11.6	0.0%
2009	55,385	-15.9%	4,687	-17.2%	11.8	1.7%
2010	52,392	-5.4%	4,484	-4.3%	11.7	-0.8%
2011	48,940	-6.6%	4,180	-6.8%	11.7	0.0%
2012	46,993	-4.0%	4,031	-3.6%	11.7	0.0%
2013	46,296	-1.5%	3,979	-1.3%	11.6	-0.9%
2014	46,771	1.0%	4,026	1.2%	11.6	0.0%
2015	45,564	-2.6%	3,923	-2.6%	11.6	0.0%
2016	45,674	0.2%	3,928	0.1%	11.6	0.0%
		F	ive-year average	months:	11.6	
		Т	en-year average	months:	11.7	

EXHIBIT C - EMPLOYMENT HISTORY



EXHIBIT D – PROGRESS OF PENSION ROLLS OVER THE PAST TEN YEARS

Year	Number	Average Age	Average Amount	Terminations ¹	Additions ²
2007	8,195	71.0	\$997	352	544
2008	8,568	70.8	1,039	347	720
2009	8,796	71.0	1,070	361	589
2010	8,928	71.2	1,086	346	478
2011	9,031	71.4	1,101	370	473
2012	8,993	71.9	1,118	361	323
2013	8,922	72.4	1,123	378	307
2014	8,837	72.9	1,131	354	269
2015	8,777	73.3	1,140	384	324
2016	8,690	73.8	1,146	387	300

IN PAY STATUS AT YEAR END

¹ Terminations include pensioners who died or were suspended during the prior plan year.

² Additions to the pension rolls include new pensions awarded and suspended pensioners who have been reinstated.



EXHIBIT E - SUMMARY STATEMENT OF INCOME AND EXPENSES ON AN ACTUARIAL BASIS

	Year Ended Dece	ember 31, 2015	Year Ended Dece	ember 31, 2016
Contribution income:				
 Employer contributions 	\$20,894,823		\$24,394,052	
 Withdrawal liability payments 	8,600,901		6,631,788	
 Liquidated damages 	<u>116,551</u>		<u>352,857</u>	
Net contribution income		\$29,612,275		\$31,378,697
Investment income:				
 Expected investment income 	\$83,075,313		\$82,632,215	
 Adjustment toward market value¹ 	<u>10,479,841</u>		<u>392,039</u>	
Net investment income		93,555,154		83,024,254
Total income available for benefits		\$123,167,429		\$114,402,951
Less benefit payments and expenses:				
Pension benefits	-\$133,827,365		-\$134,179,612	
 Administrative expenses 	<u>-2,996,220</u>		<u>-3,670,508</u>	
Total benefit payments and expenses		-\$136,823,585		-\$137,850,120
Change in actuarial asset method		\$7,174,518		\$0
Change in reserve for future benefits		-\$6,481,638		-\$23,447,169

Recognizes the difference in market value (\$5,119,780 for 2015 and \$6,801,496 for 2016) between the draft audit report used for the prior year's valuation and the final audit report.



EXHIBIT F - INVESTMENT RETURN – ACTUARIAL VALUE VS. MARKET VALUE

	Actuarial Investment		Market V Investment			Actuarial Value Investment Return ¹		Market Va Investment	
Year Ended December 31	Amount	Percent	Amount	Percent	Year Ended December 31	Amount	Percent	Amount	Percent
1997	\$187,327,378	22.24%	\$205,092,727	21.88%	2007	\$131,895,915	9.08%	\$114,762,992	7.58%
1998	195,373,452	19.54%	213,521,275	19.19%	2008	-175,242,416	-11.64%	-435,550,927	-28.08%
1999	81,780,749	7.05%	74,274,648	5.75%	2009	60,972,513	4.91%	239,476,303	23.35%
2000	177,747,357	14.75%	54,220,234	4.08%	2010	77,802,636	6.47%	151,288,010	12.97%
2001	79,973,253	5.87%	-9,069,183	-0.67%	2011	42,140,746	3.58%	4,437,230	0.37%
2002	45,393,706	3.19%	-89,236,183	-6.68%	2012	48,750,735	4.38%	146,396,089	13.17%
2003	61,192,070	4.28%	184,138,629	15.25%	2013	183,962,564	17.42%	228,350,850	19.81%
2004	60,565,457	4.20%	100,886,814	7.52%	2014	121,471,447	10.73%	78,292,262	6.15%
2005	53,952,656	3.74%	74,528,689	5.39%	2015	100,729,672	8.79%	2,533,643	0.20%
2006	92,832,022	6.49%	195,157,758	14.03%	2016	83,024,254	7.28%	83,024,254	7.28%
					Total	\$1,711,646,166		\$1,616,526,114	
	Most recent five-year average return:						9.63%		9.10%
		Most recen	t ten-year averag	e return:			5.55%		4.95%
		erage return:			6.87%		6.44%		

Note: Each year's yield is weighted by the average asset value in that year.

¹ The investment returns for 2000 and 2015 include the effect of a change in the method for determining the actuarial value of assets.

Section 3: Supplementary Information as of January 1, 2017 for the Automotive Industries Pension Plan



EXHIBIT G - ANNUAL FUNDING NOTICE FOR PLAN YEAR BEGINNING JANUARY 1, 2017 AND ENDING DECEMBER 31, 2017

	2017 Plan Year	2016 Plan Year	2015 Plan Year
Actuarial valuation date	January 1, 2017	January 1, 2016	January 1, 2015
Funded percentage	54.3%	62.2%	61.1%
Value of assets	\$1,169,543,231	\$1,192,990,400	\$1,199,472,038
Value of liabilities	2,153,319,932	1,916,926,229	1,962,292,229
Fair value of assets as of plan year end	Not available	1,169,543,231	1,192,990,400

Critical or Endangered Status

The Plan was in critical status in the plan year for the following five reasons:

- 1. The plan had a projected Funding Standard Account funding deficiency within 4 years; and
- 2. The plan had a projected funding deficiency within 5 years, and the plan's non-active vested liability exceeded the vested liability for actives, and the plan's projected contributions fall short of the plan's normal cost plus interest on unfunded liability; and
- 3. The plan had a projected funding deficiency within 5 years, and the plan had funding percentage less than 65%; and
- 4. The plan was in critical status last year and had a projected funding deficiency within 10 years; and
- 5. The plan was in critical status last year and had a projected insolvency within 30 years.

The plan was also in critical and declining status because:

- 1. The plan had a projected insolvency within 15 years; and
- 2. The plan had a ratio of inactives to actives of at least 2 to 1 and had a projected insolvency within 20 years; and
- 3. The plan had a funded percentage less than 80% and had a projected insolvency within 20 years.



EXHIBIT H - FUNDING STANDARD ACCOUNT

- > ERISA imposes a minimum funding standard that requires the Plan to maintain an FSA. The accumulation of contributions in excess of the minimum required contributions is called the FSA credit balance. If actual contributions fall short on a cumulative basis, a funding deficiency has occurred. For a plan that is in critical status under PPA'06, employers will generally not be penalized if a funding deficiency develops, provided the parties fulfill their obligations in accordance with the Rehabilitation Plan developed by the Trustees and the negotiated bargaining agreements reflect that Rehabilitation Plan.
- > The FSA is charged with the normal cost and the amortization of increases or decreases in the unfunded actuarial accrued liability due to plan amendments, experience gains or losses, and changes in actuarial assumptions and funding methods. The FSA is credited with employer contributions and withdrawal liability payments. All items, including the prior credit balance or deficiency, are adjusted with interest at the actuarially assumed rate.
- Increases or decreases in the unfunded actuarial accrued liability are amortized over 15 years except that short-term benefits, such as 13th checks, are amortized over the scheduled payout period.

	Charges			Credits	
1	Prior year funding deficiency	\$443,104,399	6	Prior year credit balance	\$0
2	Normal cost, including administrative expenses	8,160,791	7	Employer contributions	31,378,697
3	Total amortization charges	122,965,603	8	Total amortization credits	31,253,922
4	Interest to end of the year	<u>41,631,732</u>	9	Interest to end of the year	3,403,386
5	Total charges	\$615,862,525	10	Full-funding limitation credit	<u>0</u>
			1	Total credits	\$66,036,005
				redit balance (Funding deficiency):	<u>-\$549,826,520</u>

FSA FOR THE YEAR ENDED DECEMBER 31, 2016



EXHIBIT I - MAXIMUM DEDUCTIBLE CONTRIBUTION

- > Employers that contribute to defined benefit pension plans are allowed a current deduction for payments to such plans. There are various measures of a plan's funded level that are considered in the development of the maximum deductible contribution amount.
- > One of the limits is the excess of 140% of "current liability" over assets. "Current liability" is one measure of the actuarial present value of all benefits earned by the participants as of the valuation date. This limit is significantly higher than the current contribution level.
- Contributions in excess of the maximum deductible amount are not prohibited; only the deductibility of these contributions is subject to challenge and may have to be deferred to a later year. In addition, if contributions are not fully deductible, an excise tax in an amount equal to 10% of the non-deductible contributions may be imposed. However, the plan sponsor may elect to exempt the non-deductible amount up to the ERISA full-funding limitation from the excise tax.
- > The Trustees should review the interpretation and applicability of all laws and regulations concerning any issues as to the deductibility of contribution amounts with Fund Counsel.

1 Normal cost, including administrative expenses	\$9,310,922
2 Amortization of unfunded actuarial accrued liability (fresh start as of January 1, 2017)	128,495,731
3 Preliminary maximum deductible contribution: 1 + 2, with interest to the end of the plan year	\$146,764,085
4 Full-funding limitation (FFL)	1,813,469,202
5 Preliminary maximum deductible contribution, adjusted for FFL: lesser of 3 and 4	146,764,085
6 Current liability, projected to the end of the plan year	3,238,486,815
7 Actuarial value of assets, projected to the end of the plan year	1,101,168,931
8 Excess of 140% of current liability over projected assets at end of plan year: [40% of (6)] - (7), not less than zero	3,432,712,610
9 End of year minimum required contribution	717,410,781
Maximum deductible contribution: greatest of 5, 8, and 9	\$3,432,712,610

Section 3: Supplementary Information as of January 1, 2017 for the Automotive Industries Pension Plan



EXHIBIT J - PENSION PROTECTION ACT OF 2006

PPA'06 Zone Status

- > Based on projections of the credit balance in the FSA, the funded percentage, and cash flow sufficiency tests, plans are categorized in one of three "zones": critical status, endangered status, or neither.
- > The funded percentage is determined using the actuarial value of assets and the present value of benefits earned to date, based on the actuary's best estimate assumptions.

Critical Status (<i>Red Zone</i>)	 A plan is classified as being in critical status (the <i>Red Zone</i>) if: The funded percentage is less than 65%, and either there is a projected FSA deficiency within five years or the plan is projected to be unable to pay benefits within seven years, or
	There is a projected FSA deficiency within four years, or
	 There is a projected inability to pay benefits within five years, or
	• The present value of vested benefits for inactive participants exceeds that for actives, contributions are less than the value of the current year's benefit accruals plus interest on existing unfunded accrued benefit liabilities, and there is a projected FSA deficiency within five years, or
	 As permitted by the Multiemployer Pension Reform Act of 2014, the plan is projected to be in the Red Zone within five years and the plan sponsor elects to be in critical status.
	 A critical status plan is further classified as being in critical and declining status if: The ratio of inactives to actives is at least 2 to 1, and there is an inability to pay benefits projected within 20 years, or
	• The funded percentage is less than 80%, and there is an inability to pay benefits projected within 20 years, or
	 There is an inability to pay benefits projected within 15 years.
	Any amortization extensions are ignored for testing initial entry into the <i>Red Zone</i> .
	The Trustees are required to adopt a formal Rehabilitation Plan, designed to allow the plan to emerge from critical status by the end of the rehabilitation period. If they determine that such emergence is not reasonable, the Rehabilitation Plan must be designed to emerge as of a later time or to forestall possible insolvency.
	Trustees of <i>Red Zone</i> plans have tools, such as the ability to reduce or eliminate early retirement subsidies, to remedy the situation. Accelerated forms of benefit payment (such as lump sums) are prohibited. However, unless the plan is critical and declining, Trustees may not reduce benefits of participants who retired before being notified of the plan's critical status (other than rolling back recent benefit increases) or alter core retirement benefits payable at normal retirement age.

Section 3: Supplementary Information as of January 1, 2017 for the Automotive Industries Pension



Endangered	A plan not in critical status (<i>Red Zone</i>) is classified as being in endangered status (the Yellow Zone) if:
Status (<i>Yellow Zone</i>)	The funded percentage is less than 80%, or
	 There is a projected FSA deficiency within seven years.
	A plan that has both of the endangered conditions present is classified as seriously endangered.
	Trustees of a plan that was in the <i>Green Zone</i> in the prior year can elect not to enter the <i>Yellow Zone</i> in the current year (although otherwise required to do so) if the plan's current provisions would be sufficient (with no further action) to allow the plan to emerge from the <i>Yellow Zone</i> within 10 years.
	The Trustees are required to adopt a formal Funding Improvement Plan, designed to improve the current funded percentage, and avoid a funding deficiency as of the emergence date.
Green Zone	A plan not in critical status (the <i>Red Zone</i>) nor in endangered status (the Yellow Zone) is classified as being in the Green Zone.

Early Election of Critical Status



Section 4: Certificate of Actuarial Valuation

OCTOBER 20, 2017 CERTIFICATE OF ACTUARIAL VALUATION

This is to certify that Segal Consulting, a Member of The Segal Group, Inc. ("Segal") has prepared an actuarial valuation of the Automotive Industries Pension Plan as of January 1, 2017 in accordance with generally accepted actuarial principles and practices. It has been prepared at the request of the Board of Trustees to assist in administering the Fund and meeting filing requirements of federal government agencies. This valuation report may not otherwise be copied or reproduced in any form without the consent of the Board of Trustees and may only be provided to other parties in its entirety.

The measurements shown in this actuarial valuation may not be applicable for other purposes. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law.

The valuation is based on the assumption that the Plan is qualified as a multiemployer plan for the year and on draft information supplied by the auditor with respect to contributions and assets and reliance on the Plan Administrator with respect to the participant data. Segal Consulting does not audit the data provided. The accuracy and comprehensiveness of the data is the responsibility of those supplying the data. To the extent we can, however, Segal does review the data for reasonableness and consistency. Based on our review of the data, we have no reason to doubt the substantial accuracy of the information on which we have based this report and we have no reason to believe there are facts or circumstances that would affect the validity of these results. Adjustments for incomplete or apparently inconsistent data were made as described in the attached *Exhibit 8*.

I am a member of the American Academy of Actuaries and I meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion herein. To the best of my knowledge, the information supplied in this actuarial valuation is complete and accurate, except as noted in *Exhibit 1*. Each prescribed assumption for the determination of Current Liability was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

Paul C. Poon, ASA, MAAA Vice President & Associate Actuary Enrolled Actuary No. 17-06069

Section 4: Certificate of Actuarial Valuation as of January 1, 2017 for the Automotive Industries Pension Plan



EXHIBIT 1 - SUMMARY OF ACTUARIAL VALUATION RESULTS

The valuation was made with respect to the following data supplied to us by the Plan Administrator:

Pensioners as of the valuation date (including 2,443 beneficiaries in pay status and 46 pensioners in suspended status)	11,179	
Participants inactive during year ended December 31, 2016 with vested rights (including 1 participant with unknown age)		
Participants active during the year ended December 31, 2016 (including 24 participants with unknown age)	3,928	
• Fully vested 2,752		
• Not vested 1,176		
Total participants	25,701	

The actuarial factors as of the valuation date are as follows:

Normal cost, including administrative expenses		\$9,310,922
Actuarial present value of projected benefits		2,208,727,577
Present value of future normal costs		55,407,645
Actuarial accrued liability		2,153,319,932
 Pensioners and beneficiaries 	\$1,287,643,629	
 Inactive participants with vested rights 	654,404,001	
Active participants	211,272,302	
Actuarial value of assets (\$1,169,543,231 at market value as reported by Lindquist LLP)		\$1,169,543,231
Unfunded actuarial accrued liability		983,776,701



EXHIBIT 2 - ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS

The actuarial present value of accumulated plan benefits calculated in accordance with FASB ASC 960 is shown below as of January 1, 2016 and as of January 1, 2017. In addition, the factors that affected the change between the two dates follow.

	Benefit Infor	nation Date
	January 1, 2016	January 1, 2017
Actuarial present value of vested accumulated plan benefits:		
 Participants currently receiving payments 	\$1,203,131,908	\$1,287,643,629
Other vested benefits	712,226,557	<u>861,792,337</u>
Total vested benefits	\$1,915,358,465	\$2,149,435,966
Actuarial present value of non-vested accumulated plan benefits	1,567,764	3,883,966
Total actuarial present value of accumulated plan benefits	\$1,916,926,229	\$2,153,319,932

Factors	Change in Actuarial Present Value of Accumulated Plan Benefits
Benefits accumulated, net experience gain or loss, changes in data	\$298,484
Benefits paid	-134,179,612
Changes in actuarial assumptions	236,161,690
Interest	134,113,141
Total	\$236,393,703



EXHIBIT 3 - CURRENT LIABILITY

The table below presents the current liability for the Plan Year beginning January 1, 2017.

ltem ¹	Amount
Retired participants and beneficiaries receiving payments	\$1,703,595,379
Inactive vested participants	1,166,805,230
Active participants	
Non-vested benefits	\$12,475,851
Vested benefits	<u>380,924,959</u>
Total active	\$393,400,810
Total	\$3,263,801,419
Expected increase in current liability due to benefits accruing during the plan year	\$13,668,023
Expected release from current liability for the plan year	136,858,355
Expected plan disbursements for the plan year, including administrative expenses of \$3,000,000	139,858,355
Current value of assets	\$1,169,543,231
Percentage funded for Schedule MB	35.8%

¹ The actuarial assumptions used to calculate these values are shown in *Exhibit 8*.



EXHIBIT 4 - INFORMATION ON PLAN STATUS AS OF JANUARY 1, 2017

Plan status (as certified on March 31, 2017, for the 2017 zone certification)	Critical and Declining
Scheduled progress (as certified on March 31, 2017, for the 2017 zone certification)	Yes
Actuarial value of assets for FSA	\$1,169,543,231
Accrued liability under unit credit cost method	2,153,319,932
Funded percentage for monitoring plan's status	54.3%
Reduction in unit credit accrued liability benefits since the prior valuation date resulting from the reduction in adjustable benefits	\$0
Year in which insolvency is expected	2029



EXHIBIT 5 - SCHEDULE OF PROJECTION OF EXPECTED BENEFIT PAYMENTS (SCHEDULE MB, LINE 8b(1))

Plan Year	Expected Annual Benefit Payments ¹
2017	\$136,707,408
2018	139,058,559
2019	141,855,788
2020	145,262,188
2021	148,810,085
2022	153,590,709
2023	157,450,840
2024	160,750,184
2025	163,882,783
2026	166,374,125

¹ Assuming as of the valuation date:

- no additional accruals,
- experience is in line with valuation assumptions, and
- no new entrants are covered by the plan.



EXHIBIT 6 - SCHEDULE OF ACTIVE PARTICIPANT DATA

(SCHEDULE MB, LINE 8b(2))

The participant data is for the year ended December 31, 2016.

					Years o	f Credited Se	rvice			
Age	Total	1-4	5-9	10-14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 & ove
Under 25	180	173	7	-	-	-	-	-	_	-
25 - 29	370	274	86	10	-	_	-	_	_	-
30 - 34	405	204	122	77	2	_	_	_	_	_
35 - 39	464	178	105	107	70	4	_	_	_	_
40 - 44	431	103	76	116	100	34	2	_	_	
45 - 49	474	86	62	116	114	61	33	2	_	_
50 - 54	607	73	72	120	133	87	83	38	1	-
55 - 59	556	42	41	87	118	82	96	65	23	2
60 - 64	322	15	26	46	64	53	54	38	21	5
65 - 69	87	4	4	11	17	20	10	7	7	7
70 & over	8	_	_	1	3	1	1	_	_	2
Unknown	24	24	_	_	_	_	_	_	_	-
Total	3,928	1,176	601	691	621	342	279	150	52	16



EXHIBIT 7 - FUNDING STANDARD ACCOUNT

The table below presents the FSA for the Plan Year ending December 31, 2017.

	Charges			Credits		
1	Prior year funding deficiency	\$549,826,520	6	Prior year credit balance	\$0	
2	Normal cost, including administrative expenses	9,310,922	7	Amortization credits	30,739,821	
3	Amortization charges	145,227,525	8	Interest on 6 and 7	1,998,088	
4	Interest on 1, 2 and 3	45,783,723	9	Full-funding limitation credit	0	
5	Total charges	\$750,148,690	10	Total credits	\$32,737,909	
Minimum contribution with interest required to avoid a funding deficiency: 5 - 10 , not less than zero						

Full Funding Limitation (FFL) and Credits	
ERISA FFL (accrued liability FFL)	\$1,057,638,318
RPA'94 override (90% current liability FFL)	1,813,469,202
FFL credit	0



EXHIBIT 7 - FUNDING STANDARD ACCOUNT (CONTINUED)

Schedule of FSA Bases (Charges) (Schedule MB, Line 9c)

Type of Base	Date Established	Amortization Amount	Years Remaining	Outstanding Balance
Plan Amendment	01/01/2012	\$69,757	10	\$534,066
Experience Loss	01/01/2012	3,822,093	10	29,262,342
Combined Base	01/01/2012	112,979,700	3.82	395,799,987
Experience Loss	01/01/2013	4,334,301	11	35,492,857
Change in Assumptions	01/01/2014	438,150	12	3,807,105
Change in Assumptions	01/01/2017	23,583,524	15	236,161,690
Total		\$145,227,525		\$701,058,047



EXHIBIT 7 - FUNDING STANDARD ACCOUNT (CONTINUED)

Schedule of FSA Bases (Credits) (Schedule MB, Line 9h)

Type of Base	Date Established	Amortization Amount	Years Remaining	Outstanding Balance
Plan Amendment	07/01/2012	\$2,476,480	10.5	\$19,630,214
Plan Amendment	01/01/2013	4,257	11	34,858
Plan Amendment	07/01/2013	1,195,820	11.5	10,096,154
Plan Amendment	01/01/2014	784,162	12	6,813,615
Experience Gain	01/01/2014	10,645,576	12	92,499,861
Experience Gain	01/01/2015	4,188,941	13	38,365,363
Change in Asset Method	01/01/2016	939,706	9	6,661,344
Experience Gain	01/01/2016	1,528,328	14	14,671,553
Change in Funding Method	01/01/2016	3,204,388	9	22,715,111
Change in Assumptions	01/01/2016	5,268,616	14	50,577,353
Experience Gain	01/01/2017	503,547	15	5,042,440
Total		\$30,739,821		\$267,107,866

Section 4: Certificate of Actuarial Valuation as of January 1, 2017 for the Automotive Industries Pension Plan



EXHIBIT 8 - STATEMENT OF ACTUARIAL ASSUMPTIONS/METHODS

(SCHEDULE MB, LINE 6)

Mortality Rates	<i>Healthy</i> : RP-2014 Blue Collar Healthy Annuitant Mortality Tables, with scale MP-2014 retrojected to 2006, with generational projection using Scale MP-2016 from 2006.
	<i>Disabled:</i> RP-2014 Disabled Retiree Mortality Tables, with scale MP-2014 retrojected to 2006, with generational projection using Scale MP-2016 from 2006.
	<i>Pre-Retirement:</i> RP-2014 Blue Collar Employee Mortality Tables, with scale MP-2014 retrojected to 2006, with generational projection using Scale MP-2016 from 2006.
	The underlying tables with the generational projection to the ages of participants as of the measurement date reasonably reflect the mortality experience of the Plan as of the measurement date.
	These mortality tables were then adjusted to future years using the generational projection to reflect future mortality improvement between the measurement date and those years.
	The mortality rates were based on historical and current demographic data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, a comparison was made between the actual number of deaths and the projected number based on the assumption over the most recent three years.



Termination Rates

	Rate (%)		
	Morta	lity ¹	
Age	Male	Female	Withdrawal ²
20	0.07	0.02	8.25
30	0.06	0.02	6.75
40	0.10	0.05	6.00
50	0.26	0.13	5.00
60	0.64	0.31	0.00
70	2.38	1.70	0.00
80	6.38	4.54	0.00
90	17.31	13.38	0.00

¹ Mortality rates shown for base tables described on the previous page without generational projection after 2006. The employee rates are shown for ages 60 and below and the annuitant rates are shown for ages above 60.

² Withdrawal rates are set to 13% for the first 5 years of service. Withdrawal rates do not apply at retirement eligibility.

The termination rates were based on historical and current demographic data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, a comparison was made between the actual number of terminations by age and the projected number based on the assumption over the most recent five years.



Retirement Rates				
		Age	Annual Retirement Rates	
		55 – 59	5.00%	
		60 - 61	7.50	
		62 - 64	10.00	
		65	30.00	
		66	35.00	
		67 – 69	25.00	
		70	100.00	
	experience and	d professional judgment. As		ata, adjusted to reflect estimated future son was made between the actual number of rer the most recent five years.
Description of Weighted Average Retirement Age	the product of age and then r	each potential current or fut etiring at that age, assumin	ure retirement age times the pro g no other decrements. The ove	r each participant is calculated as the sum of bability of surviving from current age to that rall weighted retirement age is the average of in the January 1, 2017 actuarial valuation.
Retirement Rates for	For inactive pa	rticipants under age 65, 10	0% are assumed to retire at age	65.
Inactive Vested Participants	Inactive vested	l participants over age 65 a	re assumed to retire according to	o the following rates:
		Age	Annual Retirement Rates	
		66	20.00%	
		67 – 68	15.00	
		69 – 73	10.00	
		74 – 76	5.00	
		77 – 79	2.50	
		80+	0.00	
	reflect estimate	ed future experience, plan d the actual number of retire	esign and professional judgmen	cal and current demographic data, adjusted to t. As part of the analysis, a comparison was number based on the assumption over the

Section 4: Certificate of Actuarial Valuation as of January 1, 2017 for the Automotive Industries Pension Plan



Future Benefit	Work-year of 11.4 months of contributions per active participant.
Accruals	The future benefit accruals were based on historical and current demographic data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, a comparison was made between the assumed and the actual benefit accruals over the most recent five years.
Unknown Data for Participants	Same as those exhibited by participants with similar known characteristics. If not specified, participants are assumed to be male.
Definition of Active Participants	Active participants are defined as those with at least five months in the most recent Plan Year, excluding those who have retired as of the valuation date.
Exclusion of Inactive	Inactive participants over age 80 are excluded from the valuation.
Vested Participants	The exclusion of inactive vested participants over age 80 was based on historical and current demographic data, adjusted to reflect estimated future experience and professional judgment. As part of the analysis, the ages of new retirees from inactive vested status were reviewed.
Percent Married	80%
Age of Spouse	Females 3 years younger than males.
Benefit Election	For future retirements, 60% of participants are assumed to elect the 75% Joint and Survivor Option ("QOSA") and 40% of participants are assumed to elect the Straight Life Annuity.
	The benefit elections were based on historical and current demographic data, adjusted to reflect the plan design, estimated future experience and professional judgment. As part of the analysis, a comparison was made between the assumed and the actual option election patterns over the most recent five years.
Delayed Retirement Factors	Active participants assumed to work enough hours each month to not qualify for delayed retirement adjustment. Inactive vested participants who are assumed to commence receipt of benefits after attaining normal retirement age qualify for delayed retirement increases under the plan's actuarial equivalence basis.
Net Investment Return	6.50%
	The net investment return assumption is a long-term estimate derived from historical data, current and recent market expectations, and professional judgment. As part of the analysis, a building block approach was used that reflects inflation expectations and anticipated risk premiums for each of the portfolio's asset classes as provided by Segal Marco Advisors, as well as the Plan's target asset allocation.
Annual Administrative Expenses	\$3,000,000, payable monthly (equivalent to \$2,899,867 payable at the beginning of the year)
	The annual administrative expenses were based on historical and current data, adjusted to reflect estimated future experience and professional judgment.
Actuarial Value of Assets	At market value.



Actuarial Cost Method	Unit Credit Actuarial Cost Method. Normal Cost and Actuarial Accrued Liability are calculated on an individual basis and are allocated by service.
Benefits Valued Unless otherwise indicated, includes all benefits summarized in <i>Exhibit 9</i> .	
Current Liability Assumptions	Interest: 3.05%, within the permissible range prescribed under IRC Section 431(c)(6)(E)
	<i>Mortality:</i> Mortality prescribed under IRS Regulations 1.431(c)(6)-1 and 1.430(h)(3)-1: RP-2000 tables projected forward to the valuation year plus seven years for annuitants and 15 years for nonannuitants
Estimated Rate of	On actuarial value of assets (Schedule MB, line 6g): 7.3%, for the Plan Year ending December 31, 2016
Investment Return	On current (market) value of assets (Schedule MB, line 6h): 7.3%, for the Plan Year ending December 31, 2016
FSA Contribution Timing (Schedule MB, line 3a)	Unless otherwise noted, contributions are paid periodically throughout the year pursuant to collective bargaining agreements. The interest credited in the FSA is therefore assumed to be equivalent to a July 1 contribution date.



Justification for Change in Actuarial Assumptions (Schedule MB, line 11) For purposes of determining current liability, the current liability interest rate was changed from 3.28% to 3.05% due to a change in the permissible range and recognizing that any rate within the permissible range satisfies the requirements of IRC Section 431(c)(6)(E) and the mortality tables were changed in accordance with IRS Regulations 1.431(c)(6)-1 and 1.430(h)(3)-1.

Based on past experience and future expectations, the following actuarial assumptions were changed as of January 1, 2017:

Net investment return, previously 7.25%

Mortality for healthy lives (both pre- and post-retirement), previously RP-2000 Combined Healthy Mortality Tables, set back one year.

Mortality for disabled lives, previously RP-2000 Combined Healthy Mortality Tables, set forward three years.

Disability rates, previously:

Rate (%)
0.05
0.06
0.08
0.11
0.17
0.27
0.45
0.76
1.22



Withdrawal rates, previously:

Age	Rate (%)*
20	21.20
25	15.80
30	11.60
35	8.40
40	6.20
45	4.20
50	2.60
55	1.00
60	0.00

* Withdrawal rates under age 55 are increased by 6 percentage points for the first 5 years of service. Withdrawal rates do not apply at retirement eligibility.

Retirement rates, previously:

Age	Rate (%)
55 – 60	5
61	15
62	35
63 – 64	25
65	50
66	30
67	100

Inactive vested retirement age, previously 65 for all participants.

Future benefit accruals, previously 11.2 months of contributions per active participant.

Exclusion of inactive vested participants, previously age 70.

Percent married, previously 85%.

Age of spouse, previously females assumed to be 4 years younger than males.

Benefit election, previously all married participants are assumed to elect the 75% Joint and Survivor Option ("QOSA") and all non-married participants are assumed to elect the Straight Life Annuity.



EXHIBIT 9 - SUMMARY OF PLAN PROVISIONS

(SCHEDULE MB, LINE 6)

This exhibit summarizes the major provisions of the Plan included in the valuation. It is not intended to be, nor should it be interpreted as, a complete statement of all plan provisions.

Plan Year	January 1 through December 31			
Pension Credit Year	January 1 through December 31			
Plan Status	Ongoing plan			
Normal Pension	Age Requirement: 65			
	Service Requirement: 5 years of Credited Service (including 24 months of Future Service)			
	• Amount: The monthly amount is the sum of (a), (b), (c), (d) and (e).			
	a. \$10.00 for each year of Past Service.			
	b. \$5.00 for each \$100 of the contributions made on the participant's behalf from his Contribution Date through June 30, 2003.			
	 \$3.00 for each \$100 of the contributions made on the participant's behalf from July 1, 2003 through December 31, 2004. 			
	d. 0.5% for the first \$250 of monthly contributions, 1.0% for the next \$250 of monthly contributions, and 2.0% of monthly contributions in excess of \$500 made on the participant's behalf on or after January 1, 2005.			
	e. 1.0% of monthly contributions made on the participant's behalf on or after July 1, 2008.			
	Contribution increases under the Rehabilitation Plan do not count for benefit accruals.			
Early Retirement	Age Requirement: 55			
Pension	Service Requirement: 60 months of Credited Future Service			
	• Amount: Accrued Normal Pension amount to which the participant would be entitled, reduced by 3% for each year that the retiring employee is younger than 62 (no reduction is applied between ages 62 and 65 for the Unreduced Early Pension, or if participants age and service total at least 85 for the Unreduced Rule of 85 Pension). For participants subject to the Rehabilitation Plan benefit reductions, all Early Retirement Pensions are reduced from age 65, using the plan's actuarial equivalence basis. This benefit is not available to those who retire from inactive status.			



Disability Pension	Age Requirement: None
	Service Requirement: 5 years of Credited Service (including 24 months of Future Service)
	Other Requirements: Eligible for a Social Security disability benefit.
	• Amount: Accrued Normal Pension amount to which the participant would be entitled (on his date of disability) without any reduction. For participants subject to the Rehabilitation Plan benefit reductions, the Disability Pension is not available and those who become disabled are eligible only for the Vested Benefit described below.
Vested Benefit	Age Requirement: None
	Service Requirement: 5 years of Credited Service (including 24 months of Future Service)
	• <i>Amount:</i> Accrued Normal Pension, payable commencing at Normal Retirement Age, or, if available (on a reduced basis), as early as age 55.
	Normal Retirement Age: The later of age 65 and the fifth anniversary of participation.
Spouse's Benefit	Age Requirement: None
	Service Requirement: 5 years of Credited Service (including 24 months of Future Service)
	• <i>Amount:</i> 50% of the benefit that the participant would have received had he or she retired the day before death on a Joint and Survivor Annuity. If the participant is not eligible to retire at the time of death, payments will be deferred until the participant's earliest retirement age.
Pre-Retirement Death	Age Requirement: None
Benefit	Service Requirement: 5 years of Credited Service (including 24 months of Future Service)
	• Amount: Return of the total contributions made on account of the participant's employment or, if greater, the participant's unreduced pension at time of death payable for 36 months. This benefit is not payable if benefits are due under the Spouse's Benefit or for participants subject to the Rehabilitation Plan benefit reductions.
Joint and Survivor Annuity	All retirements are paid in the form of a 50% joint and survivor annuity unless this form is rejected by the participant and spouse. The benefit amount otherwise payable is reduced to reflect the joint and survivor coverage. If the spouse predeceases the participant, the benefit "pops-up" to the amount is payable before the reduction. If this type of pension is rejected, benefits are payable for the life of the participant without reduction (with a minimum guarantee of 36 monthly payments) or in any other available optional form elected by the participant. For participants subject to the Rehabilitation Plan benefit reductions, the "pop-up" feature and the 36-month guarantee are not available, and the joint and survivor reduction factors are based on the plan's actuarial equivalence basis.

Section 4: Certificate of Actuarial Valuation as of January 1, 2017 for the Automotive Industries Pension Plan



	 50% Joint and Survivor Option ("QJSA") 			
Benefit Payment	 75% Joint and Survivor Option ("QOSA") 			
	Life with 36-Month Guarantee Option			
	Life with 120-Month Guarantee Option			
	Full 100% Joint and Survivor Option			
	Aside from a life only annuity, QJSA and QOSA, these options are not available for participants subject to the Rehabilitation Plan benefit reductions.			
Schedule	Commencing January 1, 1976 a year of Future Service is credited during any Plan Year in which the participant completes at least 5 months of covered service. (No fractional credit is granted.) Prior to January 1, 1976, Future Service was granted at the rate of one-twelfth of a year for each month of contribution payments.			
	Past Service is credited for service prior to the Contribution Date up to a maximum of 20 years for members who became participants prior to January 1, 1975 and 10 years for members who entered the Plan after January 1, 1975. For participants who joined the Plan after 1978, the amount of Credited Past Service can not exceed the Credited Future Service earned under the Plan.			
Break in Service Rules	• One-Year Break: A participant incurs a One-Year Break in Service if he or she fails to complete five months of service or 501 hours of service in a Plan Year.			
	 Permanent Break: A non-vested participant incurs a Permanent Break in Service if the number of consecutive One- Year Breaks in Service is at least 5 and it equals or exceeds the number of years of Credited Service which the employee had previously accumulated. At this time, the non-vested portion of the participant's service and benefits accrued are canceled. 			
Participation Rule	An employee becomes a "Participant" the first day of the first month for which an employer contribution was made.			
Contribution Rate	The average benefit contribution rate on January 1, 2017 was \$395.58 per month.			
Plan Amendments	There were no changes in plan provisions reflected in this actuarial valuation			



Section 5: General Background

A summary of major developments with the background and position of the Pension Plan is provided in this Section.

CHANGES IN BENEFIT AMOUNTS AND AVERAGE CONTRIBUTION RATE

Effective Date		Average Monthly Monthly Pension Amount		Improvement	
Year	Month	Credited Contribution Rate	Per Year of Past Service	Future Service (per \$100 of Contributions)	to Existing Retirees
1976	January				
1980	January	\$87.58	5.50	3.03	10%
1981	November	103.49			(1)
1984	September	126.33	6.05	3.33	10%
1986	January	139.13	6.96	3.83	15%
1989	January	153.00	7.27	4.00	4.5%
1990	January	163.60	7.71	4.24	6%
1991	December	180.00			(1)
1992	January	183.00		\$4.45/\$4.24 ⁽²⁾	4.25%
1993	January	187.00		\$4.50/\$4.24 ⁽³⁾	1%
1994	January	191.25		\$4.50/\$4.24 ⁽⁴⁾	4% ⁽¹⁾
1995	January	200.67			
1996	January	220.37		\$4.50/\$4.24 ⁽⁵⁾	
1997	January	195.75		\$4.73/4.24 ⁽⁵⁾	2%(1)
1998	January	\$205.64		$4.90/4.73^{(4)}$	1% ⁽¹⁾
1999	January	208.60	10.00	\$5.00/\$4.24 ⁽⁵⁾	2%(1)



CHANGES IN BENEFIT AMOUNTS AND AVERAGE CONTRIBUTION RATE (CONTINUED)

Effective Date		Average Monthly	Monthly Pension Amount		Improvement
Year	Month	Credited Contribution Rate	Per Year of Past Service	Future Service (per \$100 of Contributions)	to Existing Retirees
2000	January	222.52			
2001	January	235.22			
2002	January	324.40			
2003	January	352.56			
2003	July			\$5.00/\$3.00 ⁽⁶⁾	
2004	January	365.78			
2005	January	390.04		\$0.50/\$1.00/\$2.00 ⁽⁷⁾	
2006	January	393.84			
2007	January	404.09			
2008	January	395.33			
2008	July			\$1.00 ⁽⁸⁾	
2009	January	381.89			
2010	January	394.93			
2011	January	393.62			
2012	January	399.53			
2013	January	405.25			
2014	January	398.95			
2015	January	398.43			
2016	January	399.29			
2017	January	395.58			

⁽¹⁾ Additional, one-time only, pension payment was granted.

⁽²⁾ The lower factor applies to service after January 1, 1992.

⁽³⁾ The lower factor applies to service after January 1, 1994.

⁽⁴⁾ The lower factor applies to service after January 1, 2000.

⁽⁵⁾ The lower factor applies to service after January 1, 2005.

⁽⁶⁾ The lower factor applies to service after July 1, 2003.

⁽⁷⁾ The first factor applies to the first \$250 of monthly contributions, the second factor applies to the second \$250 of monthly contributions, and the last factor applies to monthly contributions in excess of \$500. All three factors apply to service after January 1, 2005.

⁽⁸⁾ This factor applies to service after July 1, 2008.



OTHER DEVELOPMENTS

Date	Event
September 1, 1955:	Board of Trustees executed Trust Agreement.
	Pension Plan was adopted.
July 12, 1956:	Favorable determination letter from the Internal Revenue Service was received.
January 1, 1976:	Plan revised to satisfy ERISA.
	Funding Standard Account was established.
January 1, 1985:	Early Retirement reduction factor was lowered to 1/3 of 1% per month.
January 1, 1986:	Plan amended to satisfy REA.
	Partial vested-rights adopted for participants with at least 5 years of service.
	Early Retirement reduction was dropped for participants retiring at age 62 or later and lowered to 1/4 of 1% per month for ages between 55 and 62.
	Eligibility requirements for Early Retirement and Disability pensions were lowered to 5 years of service.
	Pre-retirement death benefits are payable on the basis of vested percentage.
January 1, 1997:	Full vesting adopted for participants with at least 5 years of service.
October 1, 1997:	Plan amended to provide Unreduced Rule of 85 Retirement.
October 1, 1999:	Joint and Survivor factors were increased and now reflect a simplified formula
January 1, 2002:	One-time IAP rollover allowed for all non-retired participants. Future rollovers at retirement will no longer be allowed.
January 1, 2003:	Eligibility requirements for Disability Pension amended to require receipt of a Social Security Disability award.
January 15, 2008:	Board adopts the Segal interest rate method and the market value of assets for determining withdrawal liability.
March 4, 2008:	For collective bargaining agreements effective on or after March 4, 2008, the \$700 per month cap on contribution rates was eliminated.



OTHER DEVELOPMENTS (CONTINUED)

Date	Event
March 28, 2008:	 Plan certified as being in "Critical" status under PPA '06. A Rehabilitation Plan was adopted that includes supplemental off-benefit contributions beginning January 1, 2013 and the following benefit reductions: Early retirement and joint and survivor adjustment factors will be based on the plan's actuarial equivalence basis. The "Rule of 85" unreduced early retirement benefit will no longer be available. The Plan's disability benefit will no longer be available to new applicants. The 36-payment pre-retirement death benefit is eliminated. Payment forms, except for a life annuity or automatic joint and 50% survivor annuity, will no longer be available to new retirees.
March 5, 2009:	Board elects under WRERA to freeze 2009 plan status under PPA '06 and to extend Rehabilitation Period by three years.
February 1, 2011:	The commencement of the Vested Benefit (for inactive vested participants) prior to Normal Retirement Age was eliminated.
March 8, 2011:	Board adopts resolution to forestall plan insolvency under the Rehabilitation Plan. Board adopts simplified method under PBGC Technical Update 10-3 for determining withdrawal liability.
March 8, 2012:	Board elects to reduce annual supplemental off-benefit contribution under Rehabilitation Plan Default Schedule from 12.5% to 5.0%.
March 31, 2015:	Plan certified as being in "Critical and Declining" status under PPA '06 and MPRA.
September 3, 2015:	Date of most recent favorable determination letter from the IRS.

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