

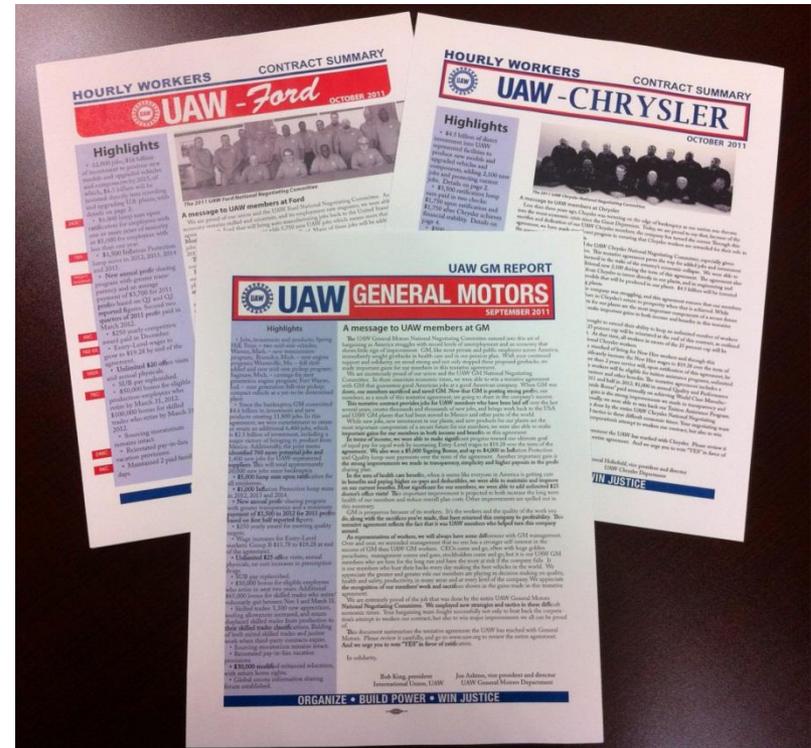
2011 Detroit 3–UAW Labor Contracts

Bob Fish Memorial Automotive and Economic Outlook Luncheon
Federal Reserve Bank of Chicago
Detroit, Michigan
19 January 2012

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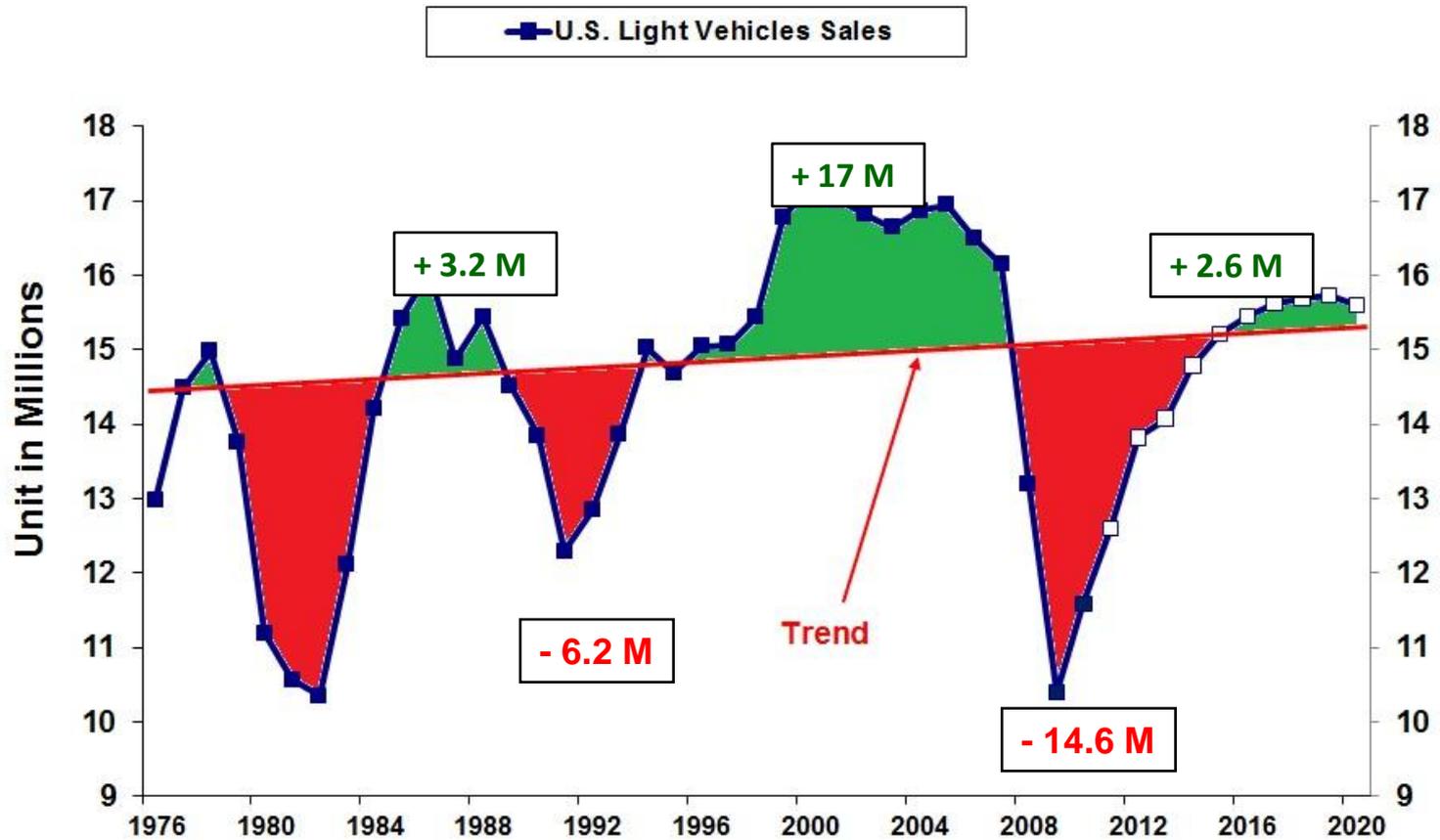
Overview

- Employment Forecasts
- 2007 Contract Review
- 2011 Contract Details
- Business Impacts
- Future Issues



CAR Sales Forecast

2011-2020



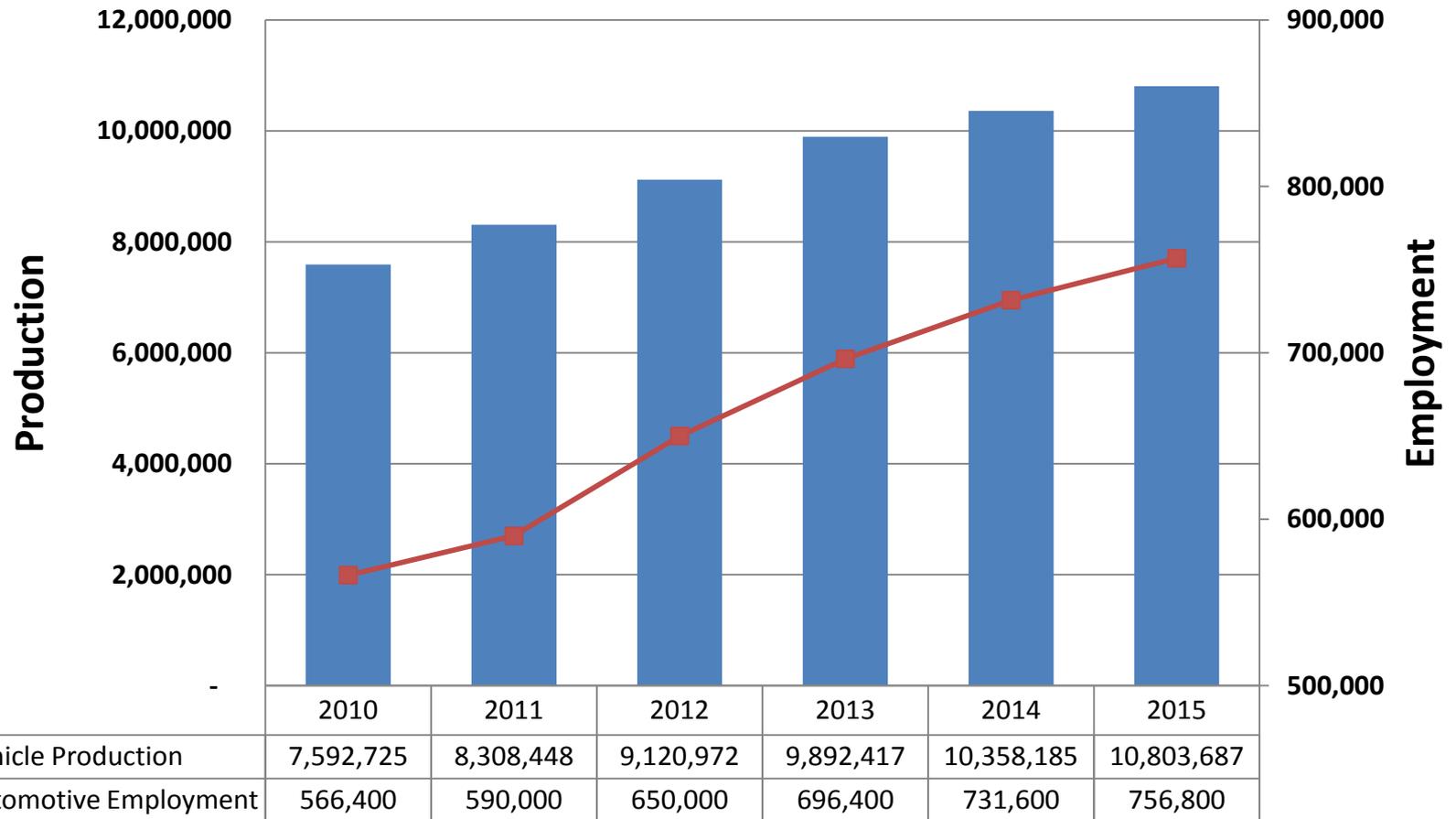
U.S. Sales Forecast (Millions)										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
(Millions)	12.6	13.8	14.1	14.8	15.2	15.5	15.6	15.7	15.7	15.6

Source: Center for Automotive Research

Factors Driving Hiring:

- Profitability & Market
 - Market recovery and production rebound
 - Profitable at lower volumes
- Labor
 - Underlying workforce demographics
 - Labor cost parity possible under recent UAW agreements
 - New job commitments
- Faster cadence of new products and introduction of advanced vehicle technologies
- Technological changes
 - Need to meet new fuel economy and GHG mandates
 - Improved safety
 - Increased electronics content for safety, connectivity and entertainment
- Investment
 - Corporate investment >\$24B in North American in 2010-2011
 - Government investment incentives (DOE \$9.1B, ARRA)

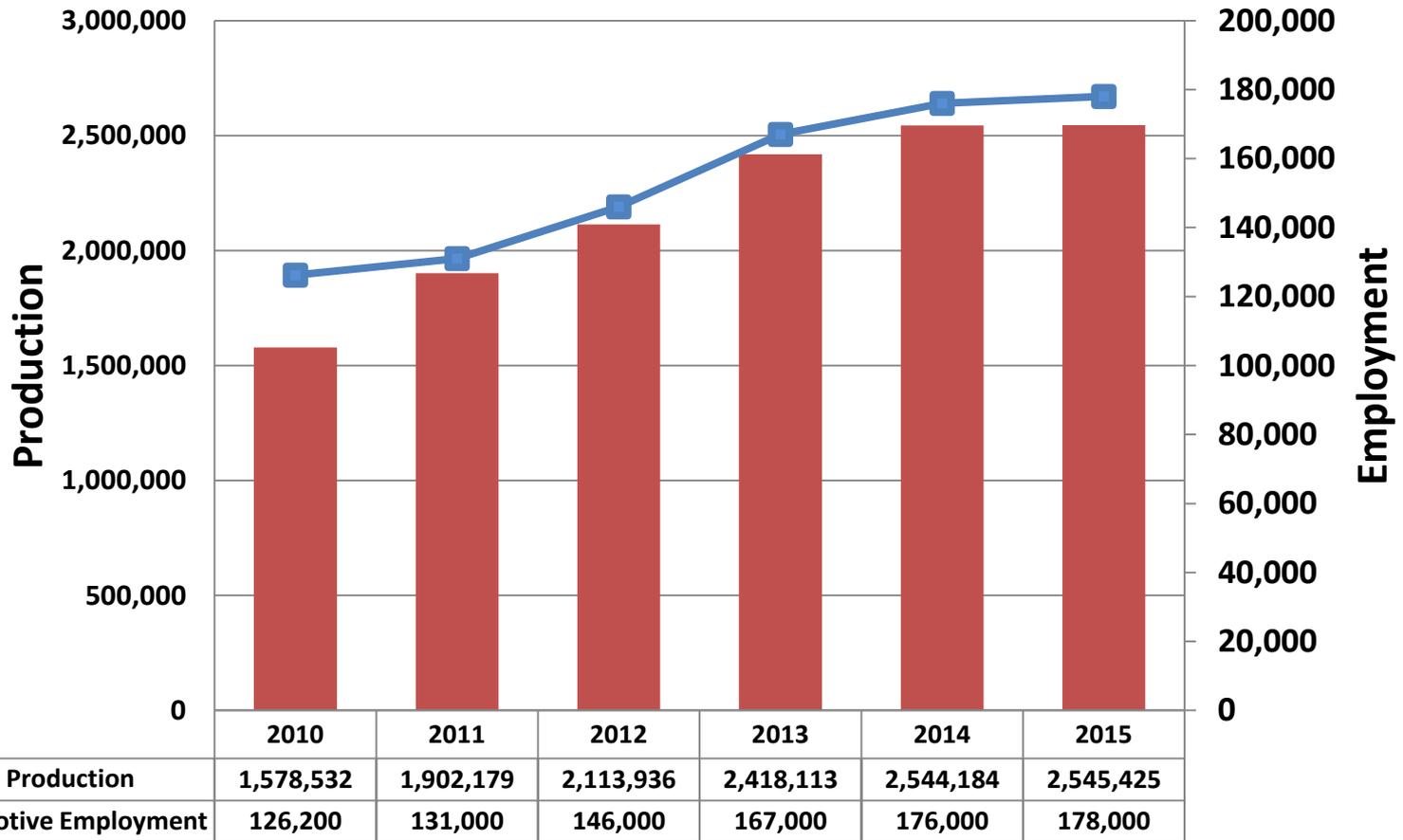
U.S. Vehicle Production & Automotive Manufacturing Employment Forecast 2010-2015



Source: IHS Global Insight; BLS; CAR Research

U.S. Vehicle Production & Automotive Manufacturing Employment Forecast

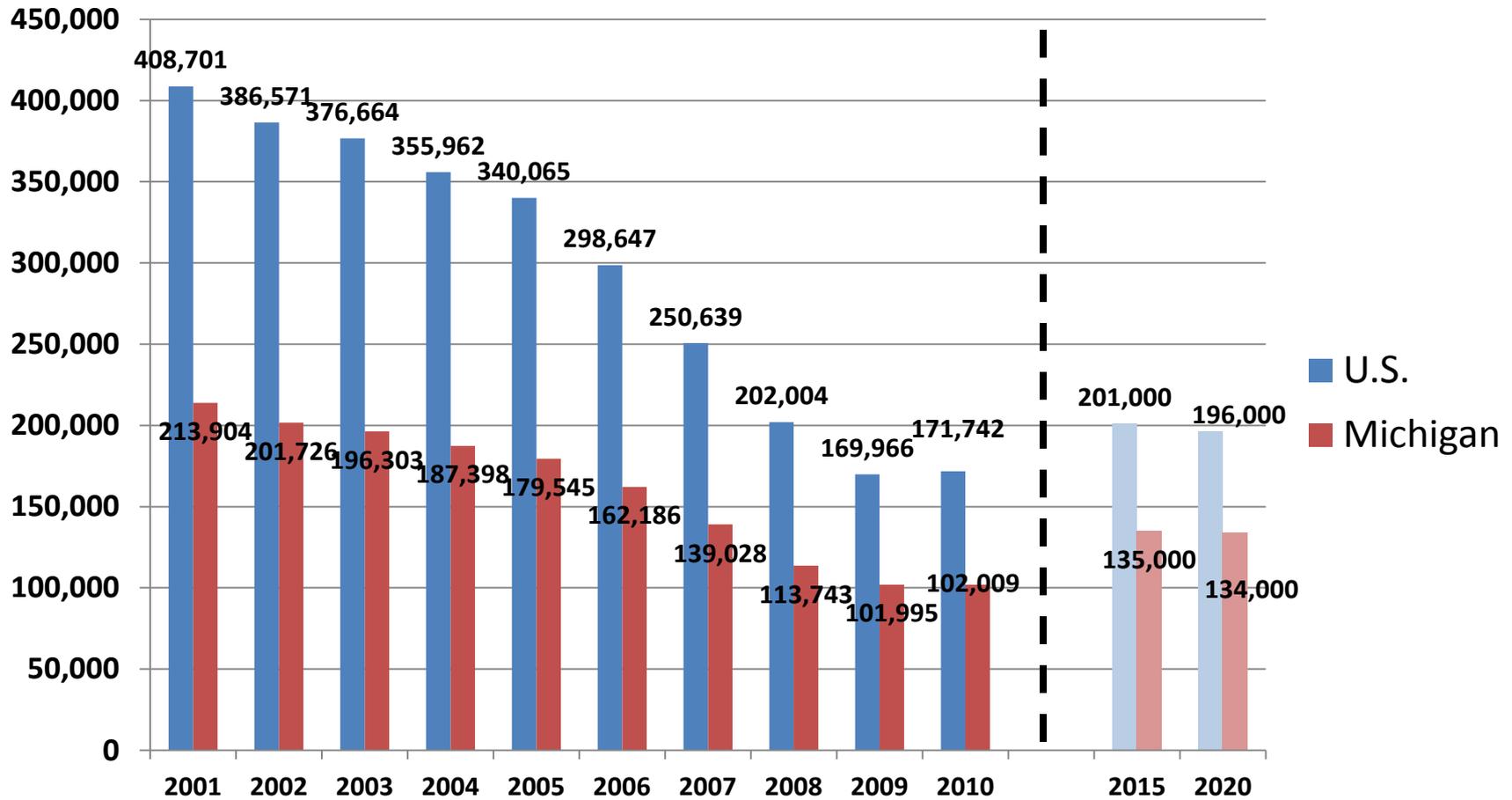
2010-2015



Source: IHS Global Insight; BLS; CAR Research

Detroit Three Employment Forecast

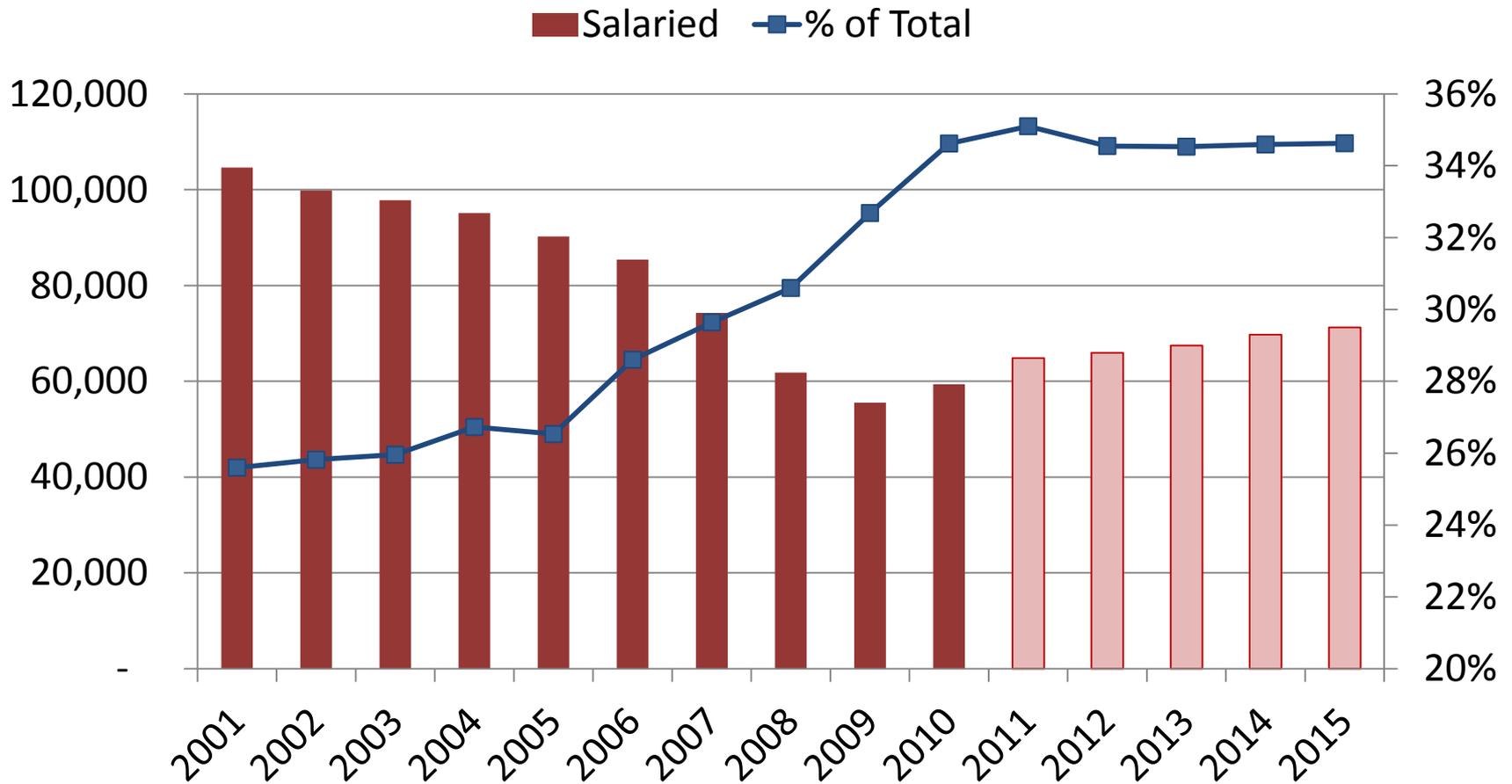
2001-10, 2011-15 Forecast



Source: CAR Research, August 2011

Detroit Three U.S. Salaried Employment Forecast

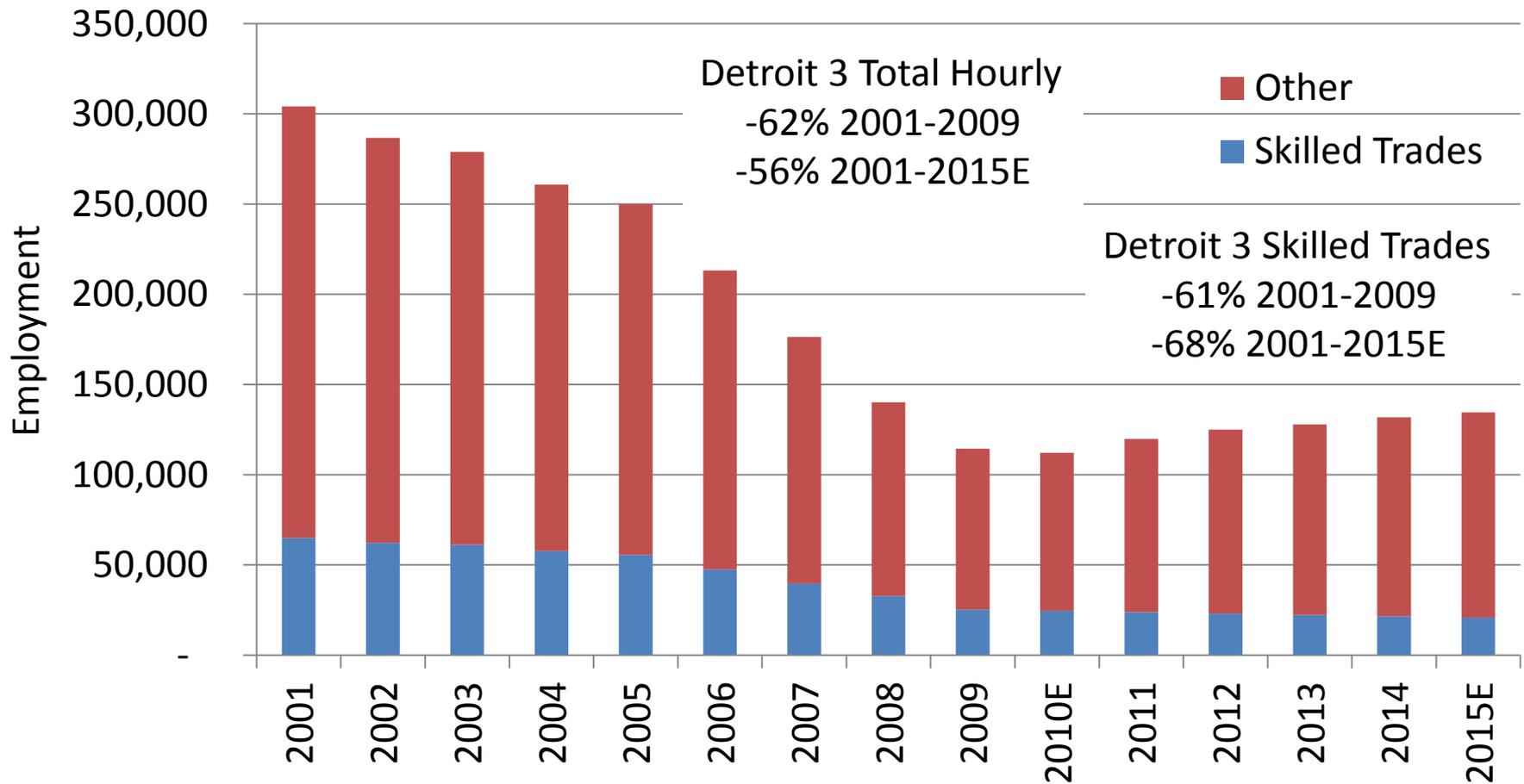
2001-10, 2011-15 Forecast



Source: Company Proprietary Data; CAR Research

Detroit Three U.S. Hourly Employment

2001-10, 2011-15 Forecast



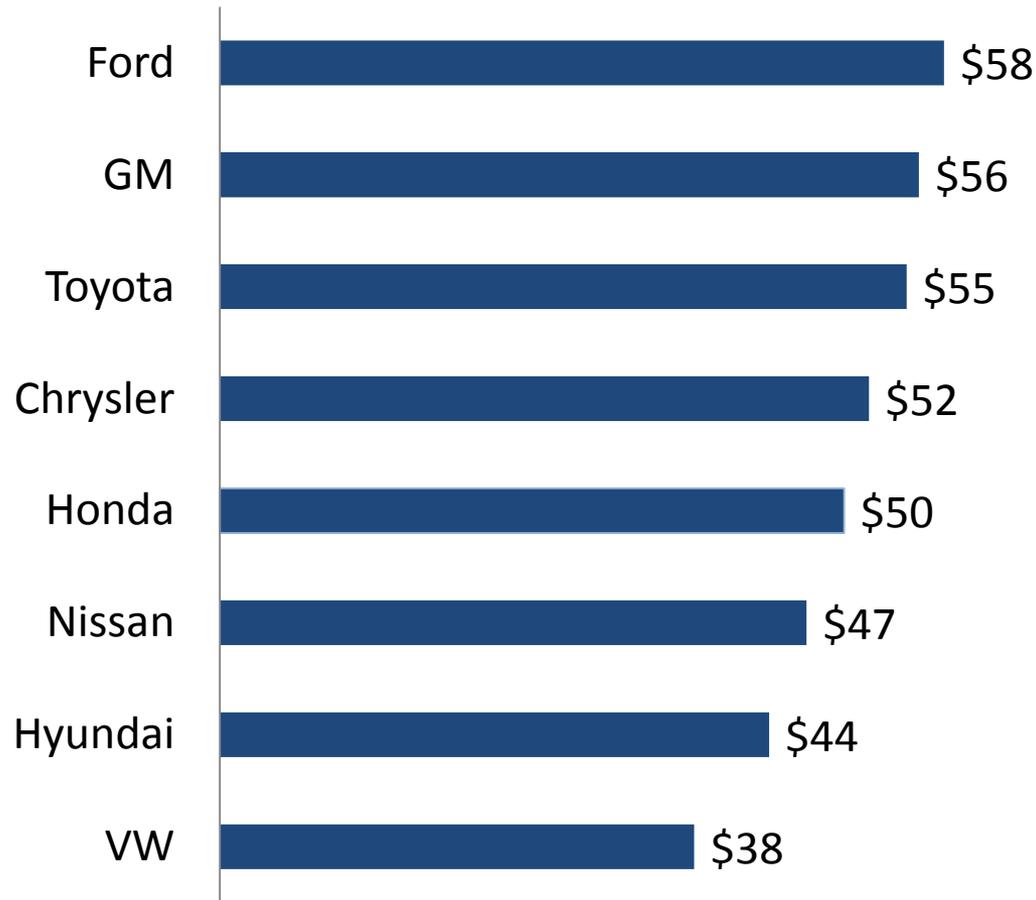
Source: Company Proprietary Data; CAR Research

2007 Contract: A Game Changer

- **VEBA**
- **Entry level wages (\$14)**
- No pay increase...but
 - Signing bonus of \$3,000
 - Lump sums of 3%, 3%, 4% (last two were suspended in 2009)
 - COLA (suspended in 2009)
 - Pensions increased
 - Product guarantees (not fulfilled)

Lowered average hourly labor costs from
~\$72-78/hour to ~\$50-58/hour

2011 Labor Cost Competitiveness



Source: Company reports, CAR research

Difference between Ford and Chrysler's Reported Labor Costs, 2010



\$49-51*



\$58*

- Entry Level
 - Percent
 - Wage rate
- Profit Sharing
 - \$750 vs. \$5,000
- Hours worked
 - Plants on changeover
 - OT differences
- Fresh start accounting
 - Pension impact
 - Other costs, mostly legacy

2011 Contracts: Some Differences, Though Much Remains the Same



- Evolutionary changes, not revolutionary ones
 - Jobs banks eliminated
 - Product & job commitments
 - COLA remains suspended
 - AIF only for Entry Level
 - Lump sums & Profit sharing
 - No pension increases
 - Health care improved; no additional cost sharing
- Held the line on costs
- Put \$ in members' pockets
- Potential to grow employment

New 2011 UAW Contracts and Jobs

	Chrysler	Ford	GM
Signing bonus	\$3,500 (\$1,750 paid in 2011)	\$6,000 (\$5,000 for <1 year seniority)	\$5,000
Wages	Entry level \$15.78-19.28, four year progression; no change for first tier		Entry level \$14.78-19.28, four year progression; no change for first tier
Jobs	Promises 2,100 new entry-level jobs; 10,000 retained	Promises 5,750 new entry-level jobs; 6,250 previously announced job creation/retention	Promises 6,400 new entry-level jobs; 11,800 previously announced job creation/retention
Buyouts	None	\$100,000 for skilled trades and \$50,000 for production workers who retire by 3/31/12	\$75,000 for skilled trades who retire by 3/31/12; \$10,000 for any workers who leave by 2013
Profit-sharing	\$1 for every \$1 million profit based on 85% of worldwide profit; capped at \$12,000 per year	\$1 for every \$1 million in North American profit (Avg. \$3,752 payout in November based on Q1-2 2011); capped at \$12,000 per year	\$1 for every \$1 million in North American profit; capped at \$12,000 per year
Retirees	No change to pensions and no bonuses; health care trust may get 10% of workers' profit-sharing		
COLA	None		
Other bonuses	Four annual payments of \$500-1,000; \$500-1,000 annual quality bonus; \$300 one-time attendance bonus for perfect attendance	Four annual payments of \$1,500 for inflation protection; and four annual payments up to \$250 per year for competitiveness bonus	Three annual payments of \$1,000 for inflation protection (2012-2014); and four annual payments up to \$250 per year quality bonus
Health care	No change to worker contribution; \$20 co-pay for unlimited office visits	No change to worker contribution; \$20 co-pay for unlimited office visits	No change to worker contribution; \$25 co-pay for unlimited office visits

Source: Center for Automotive Research, UAW-Chrysler, UAW-Ford, and UAW-GM White Books

UAW Contract Economics

			
New Agreement Base Wages	\$29.11	\$28.89	\$28.49
	4 zeros on the base		
Entry Level	\$15.78-19.28	\$15.78-19.28	\$14.78-19.28
	No cap; 25% in 2015	20% cap	No cap; 20-25% in 2015
COLA	Suspended		
Lump Sums	\$1,750 in 2011; \$1,750 when EBITDA>Net Interest for 5Qs; \$1,000-\$2,000 quality and performance for 4 years	\$6,000 in 2011; \$1,750 for 4 years	\$5,000 in 2011; \$1,250 for 3 years
Profit Sharing	\$1,000/\$1 billion 85% NA Range \$1,250-\$12,000; no minimum payout	\$1/\$1 million; Range \$1,250-12,000; payout \$3,752	\$1,000/\$1 billion; Range \$1,250-\$12,000; payout \$3,500
Buyouts	None	\$50,000 production, \$100,000 trades by 3/12	\$10K production through 2013, \$75K trades by 3/12
Total Economic Gains	\$7,800-11,800 plus profit sharing	\$15,752-16,752 plus profit sharing	\$12,250 plus profit sharing

Source: Center for Automotive Research, UAW-Chrysler, UAW-Ford, and UAW-GM White Books

2011 UAW Contract Benefits

			
Traditional Active Health	Unlimited \$25 office visits, urgent care \$50, ER \$100, no increase in drug co-pay, no premiums	Unlimited \$20 office visits, \$50/100 co-pay for urgent care/ER visits, 3% increase in drug co-pay, primary care pilot, no premiums	Unlimited \$25 office visits, urgent care \$50, ER \$100, no increase in drug co-pay, no premiums
Traditional Retiree Health	UAW Health Care Trust may get additional funding through diversion of up to 10% of profit sharing payments		
Entry Level Health	Unlimited \$25 office visits, no copay for urgent care or ER	Unlimited \$20 office visits, no copay for urgent care or ER	Unlimited \$25 office visits, no copay for urgent care or ER
	\$300/\$600 deductibles covered by a \$300/\$600 HSA \$1,000/\$2,000 out-of-pocket cap		
Entry Level Retiree Health	\$1 per hour worked in a 401(k)		
Life Insurance	Added		
Legal Services	Will end as of December 2013		
Traditional Pension	No Changes		
Entry Level Pension	6.4% of earnings, converts to a 401(k) January 2012 (GM, Ford) or March 2012 (Chrysler) for existing entry-level workers 4.0% of earnings in 401(k) for new hires under 2011 agreement		

Source: Center for Automotive Research, UAW-Chrysler, UAW-Ford, and UAW-GM White Books

UAW Contract Job Security

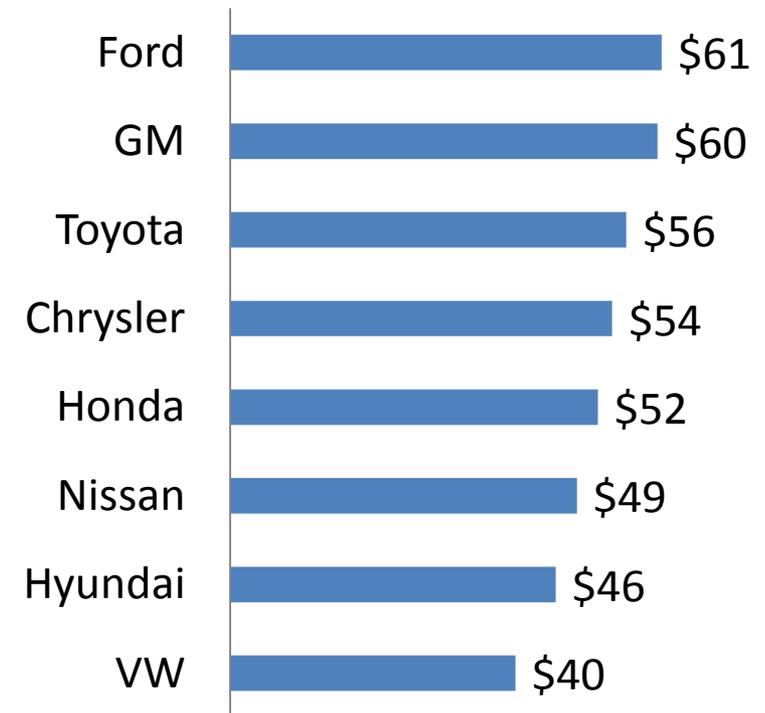
			
Jobs Bank	Eliminated		
SUB	Simplified, replenished		
Temporary Workers	Not made permanent	65% of Long-term supplemental employees made permanent	Not made permanent
Job & Product Guarantees	\$4.5B investments (\$1.3B new) 2,100 jobs	\$16B investments (\$6.3B in retooling plants) 5,750 jobs	\$7.1B investments (\$2.5B new) 6,400 jobs
Insourcing	Ability to bid on contracts to bring work back		
Outsourcing	Moratorium maintained		
Skilled Trades	3 work groups, elimination of classifications, 400 new apprentices	No new apprentices	1,300 new apprentices
Plant Closing Exemptions	None	Twin Cities, Cleveland Engine #2 and Walton Hills Stamping to close	Shreveport to close

Labor Cost Competitiveness

2015 Projections

- D3: 0.68-1.65% annual labor cost growth
- Internationals
 - Not a monolith
 - “Grow in” = temporal advantages
 - CAR assume a 1% annual labor cost growth rate

Hourly Labor Cost Comparison, 2015



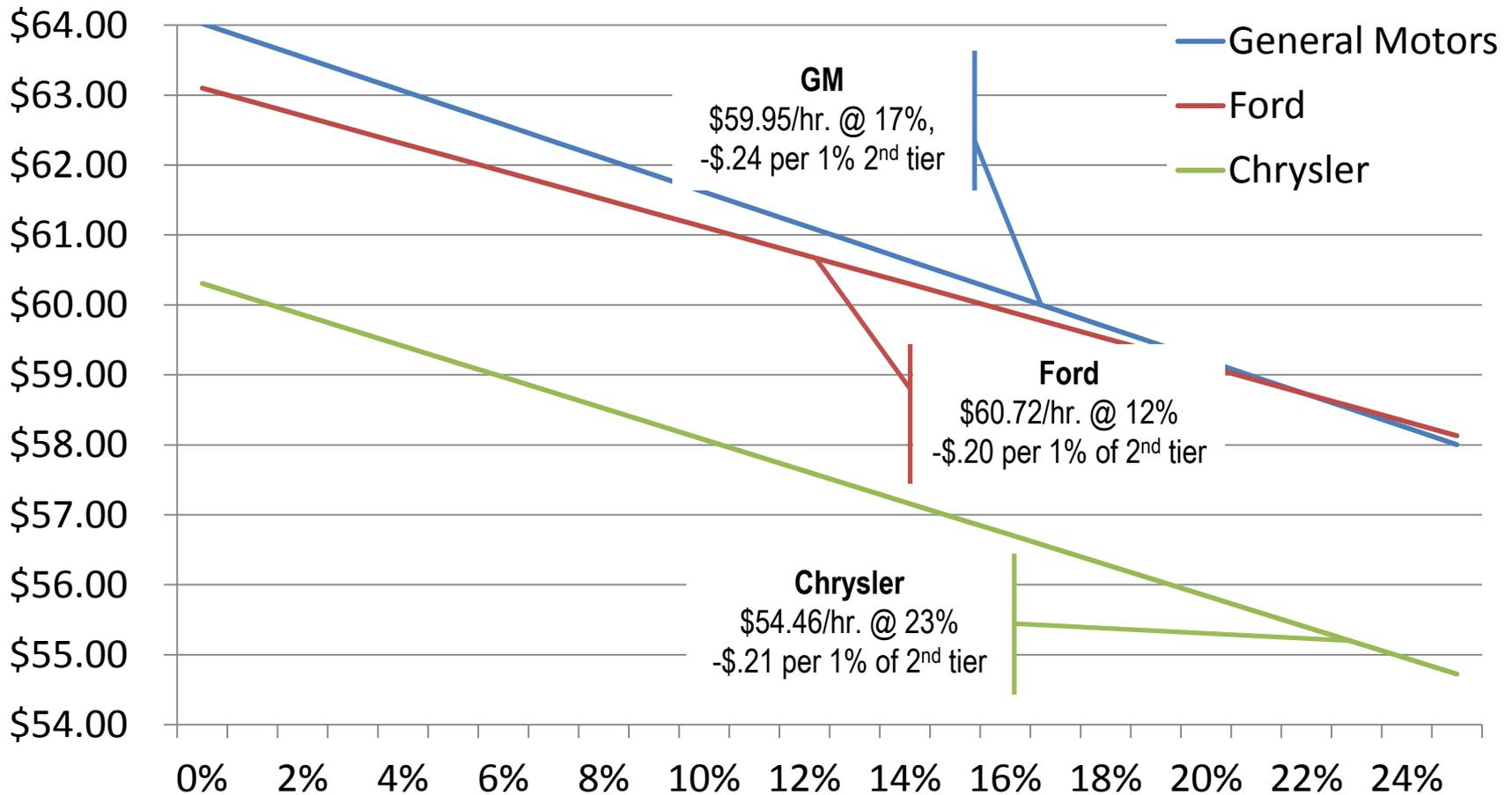
Source: Company reports, CAR research

Tier 2 or Entry-Level Really Matters . . .

	GM	Ford	Chrysler
Tier 2 Percentage by 2015	17%	12%	23%
Blended Wage Rate 2015	\$59.95	\$60.72	\$54.46
Annual Growth Rate '11-'15	0.68%	0.92%	1.65%

Source: Center for Automotive Research estimates based on UAW-Detroit Three contracts and proprietary data

2015 Average Hourly Labor Costs as a Function of Entry-Level Workforce Percent



Source: Center for Automotive Research, UAW-Detroit Three Contracts

Entry-Level Labor Costing Example

2011 and 2015

	2011	2015
Base Wages	16.32	18.41
PTO, OT, Layoff	4.41	5.34
Profit Sharing & Lump Sums	2.32	3.38
<i>Subtotal: Payroll Related</i>	<i>23.05</i>	<i>27.13</i>
Active Health Care ¹	3.82	5.20
Pension & Retiree Health Contribution ²	2.04	1.79
Statutory	3.69	4.34
Other Insurance & Fringe	1.10	1.50
<i>Subtotal: Fringe Related</i>	<i>10.65</i>	<i>12.83</i>
TOTAL	33.70	39.95

Source: Center for Automotive Research, UAW-Detroit Three Contracts

¹ Assume 8% annual health care inflation

² Pension contribution cut from 6.4% to 4% for entry-level hired under new agreement; \$1/hour worked for retiree health care 401(k)

The Final Calculations: UAW Cost, 2011-2015

	2011		2015		2011-2015 Change in Labor Cost Per N.A. Vehicle
	UAW Labor Compensation (\$ Billion)	UAW Labor Cost Per N.A. Vehicle (\$)	UAW Labor Compensation (\$ Billion)	UAW Labor Cost Per N.A. Vehicle (\$)	
Chrysler	\$2.18	\$1,127	\$2.53	\$1,293	\$166
Ford	4.44	1,660	5.05	1,756	\$96
General Motors	4.96	1,617	5.57	1,702	\$85
Weighted Average		\$1,508		\$ 1,622	\$114

*Note: CAR forecast uses IHS Automotive N.A. production forecast for 2011-2015.
For 2015: GM 3.275 mil., Ford 2.879 mil., Chrysler 1.960 mil.*

**Does not include amortized 2011 signing bonus, does include forecast profit-sharing.*

2011 N.A. Operating Profit Per Vehicle

(Through Q3 '11)

	N.A. EBIT (\$ Million)	N.A. Sales (unit)	Profit Per Vehicle (\$)
Chrysler*	\$1,467	1,376,000	\$1,066
Ford	\$5,302	1,880,514	\$2,819
General Motors	\$7,342	2,206,476	\$3,327

*Global income and sales

Source: Automotive News; corporate third quarter financial reports.

Impact on Cash

(\$ Millions)

	2011-2012	2014-2015*
Chrysler	\$132	\$94
Ford	588	349
General Motors	580	314

*Includes CAR estimates for lump sums, profit sharing and estimates for SAP costs.

What to Look For in 2015 Negotiations

- Keep entry level cap to provide bridge to tier 1
- Raise entry level pay, and reduce the gap again
- Need something for retirees, especially if VEBA begins to run out of money
- Will have pressure from rank and file for a pay increase and restored COLA



What to Look For in 2015 Negotiations

CHRYSLER



- Removal of the entry level cap
- No additional pension liabilities
- Push to raise employee cost share on health care
- Stay the course on variable compensation
 - No pay increase (14 years!)
 - Lump sums
 - No COLA

Pensions

- All Detroit 3 U.S. pensions underfunded
- GM U.S. pension underfunded status: -\$8.7B on 9/30/11. Worldwide pension shortfall of -\$22.0B 12/31/10.
- No pension increase in 2011 contract for first time since pension initiated in 1950 GM contract
- GM projects no pension payments until 2015 (\$2.3B) and 2016 (\$1.2B)
- Company has 15 years to pay off underfunding under the 2010 Pension Relief Act – yet assumption of 8% return on fund is absurd, and discount rate is falling . . .

Future VEBA Payments

	Remaining Payments Due to the UAW Retiree Health Care Trust	
Chrysler	7/15/12	\$400M
	7/15/13	\$600M
	7/15/14-15-16-17	\$650M/year
	7/15/18-19-20-21-22	\$823.8M/year
	7/15/23	\$827.1M
	TOTAL \$1.709B AND VEBA retains 41.5% equity stake in Chrysler	
Ford	Paid-in-full	
General Motors	<ul style="list-style-type: none"> • \$6.5B Series A preferred stock (9% interest; \$585M/year) • Warrant to acquire 45,454,545 shares of common stock at \$42.31/share • VEBA retains 10.3% equity stake in GM 	

Source: Center for Automotive Research, UAW-Detroit Three Contracts

A Capacity Issue?

- Will have 28 U.S. assembly plants operating
- Unlikely to build new bricks and mortar
- In a 15-16 million+ market, capacity may be an issue
- More captive imports?
- More 3/7 shift operations?
- More alternative work schedules (AWS)?
- AWS enabled by national language, determined by local agreements
- AWS includes a range of schedules:
 - Compressed (4 10-hour shifts)
 - Flexible (3/2/120— 3 crew, 2 10-hour shifts, no OT = adds 49 days/year)



Conclusions

- The key issue will be the future of the two-tier system—how will it develop
 - Cap?
 - Continue to close the gap?
 - Evolve to an intermediate rate with no cap?
 - Will it be replicated at other companies?
- A secondary issue will be how committed the parties are to variable compensation
 - Continue to be the basis of compensation?
 - Some return of fixed increases?
 - Is this an industry trend?
- Employee contribution for active health care will also be a key issue
 - This is a “go to war” issue for the UAW—they believe they have already paid for it
 - Largest benefit cost for active – 8% employee contribution versus 30-35% on average for the country
 - What is the impact on supplier benefit packages?