

Research Seminar in Quantitative Economics University of Michigan Ann Arbor, Michigan 734-764-2567

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THE U.S. AND MICHIGAN OUTLOOK FOR 2015-2017

PREPARED FOR PRESENTATION AT THE CONSENSUS REVENUE ESTIMATING CONFERENCE

LANSING, MICHIGAN MAY 15, 2015

BY

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Current State of the Economy

- 2015q1 GDP growth at a 0.2% annual rate
- Consumption added 1.3 percentage points
- Net exports subtracted 1.3 percentage points
- Oil and gas exploration investment knocked off 0.5 percentage points
- · Some weather-related drag again

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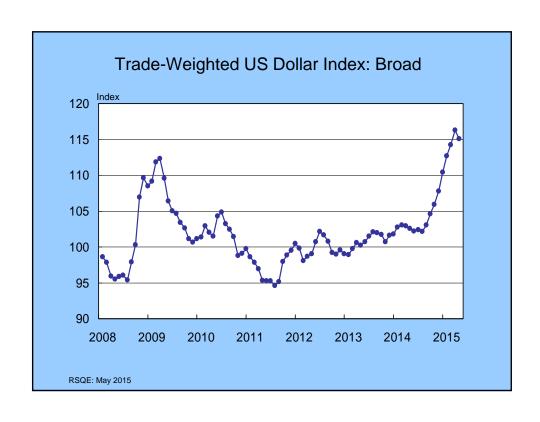
First quarters are "special"

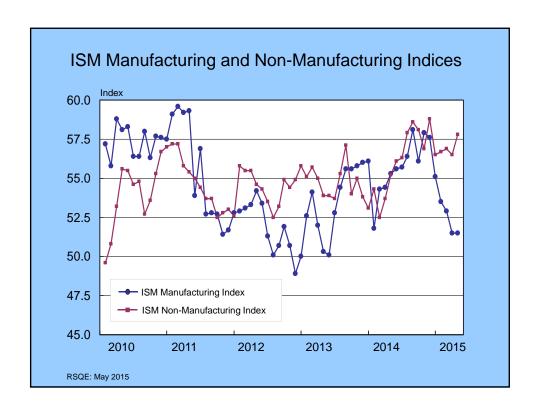
During 2010-2014 expansion:

- Average growth in the first quarter
 - 0.6 percent
- Average growth during the rest of the year:
 - 2.9 percent
- Weakness concentrated in:
 - Net Exports
 - Business Fixed Investment
 - Government

What is "special" this time?

- Severe winter weather
 - Impact on private and government construction
 - Maybe some deferred consumption
- West Coast ports slowdown
 - Disrupted import/export movements between November
 2014 May 2015
 - Recent large trade deficit widening may be overstated
- Next: some trade deficit widening reflects fundamentals





Current State of the Economy

- Payroll job gains around 200,000/month in 2015
 - Slower than in 2014, on par with 2013
- Unemployment rate keeps sliding, at 5.4% now
 - Labor force participation rate stable, temporarily
- Conflicting data on consumers
 - U. Michigan Consumer Sentiment very upbeat
 - April vehicle sales up only 3% from 2014 (6% in 2015Q1)
 - Retail sales very weak in recent months

Fiscal Policy:

- Muddling through in the near term
 - Sequestration relief for fiscal 2016
- Less brinkmanship
 - Congress just passed permanent "doc fix"
 - "Cromnibus" passed quite early
- Medium-term path uncertain
- Assumption: the Supreme Court keeps ACA subsidies

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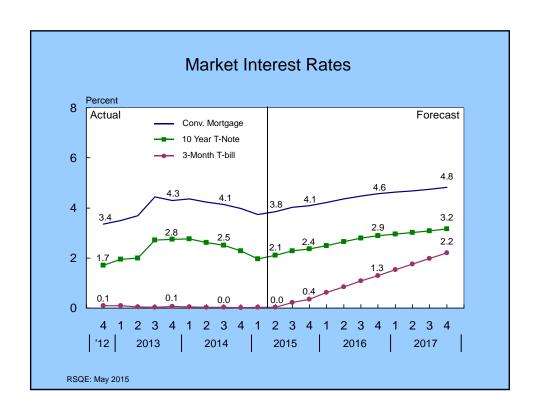
Federal Budget, NIPA Basis

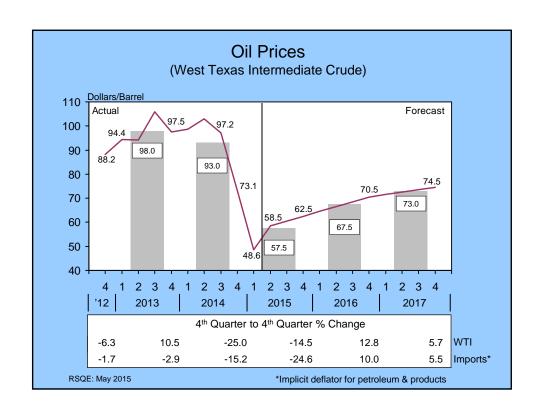
(Billions of Dollars)

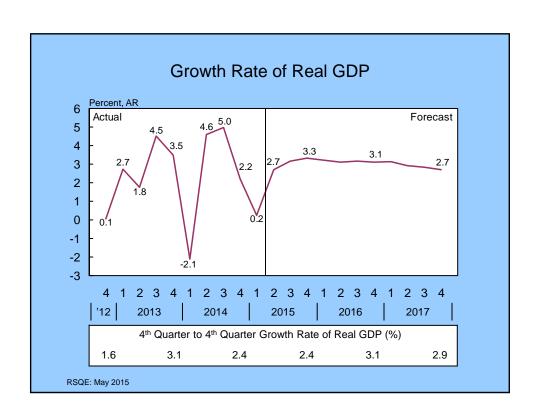
			Forecast			
	FY '13	FY '14	FY '15	FY '16	FY '17	
Current receipts	2993.9	3267.2	3427.9	3631.9	3860.9	
% change	13.7	9.1	4.9	5.9	6.3	
Current expenditures	3769.0	3844.5	3947.8	4135.9	4345.7	
% change	0.5	2.0	2.7	4.8	5.1	
Consumption	972.2	962.9	963.2	985.8	1018.1	
% change	-3.4	-1.0	0.0	2.4	3.3	
Transfer payments	2313.5	2384.7	2524.9	2648.6	2776.0	
% change	2.0	3.1	5.9	4.9	4.8	
Surplus (+) or deficit (-)	-775.1	-577.3	-519.8	-504.0	-484.7	
Percent of GDP	-4.7	-3.3	-2.9	-2.7	-2.5	

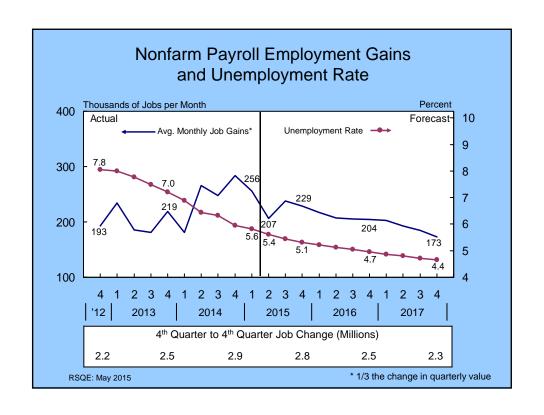
Monetary Policy

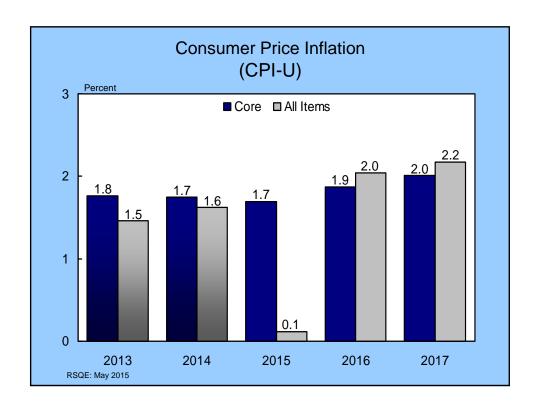
- Labor market progress has slowed
- Inflation forecasts under long-run target
- First rate increase in December
 - Unemployment rate approaching 5%
- Slow rate increases in 2016
 - Inflation trends still weak
 - Evidence for declining "natural" rate of unemployment



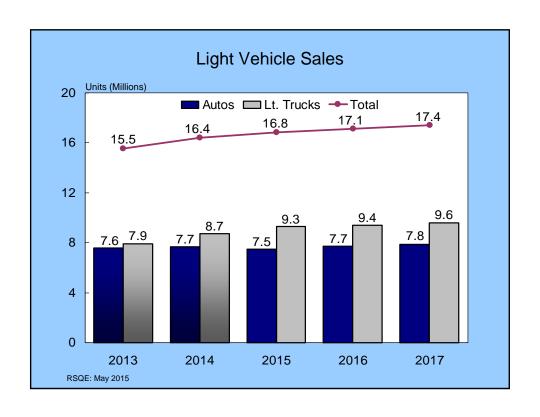












Risks

- Monetary policy timing
- Fiscal policy
- Economic growth abroad
 - Long-term interest rate volatility
- Geopolitics
 - Oil prices
- Abnormal weather

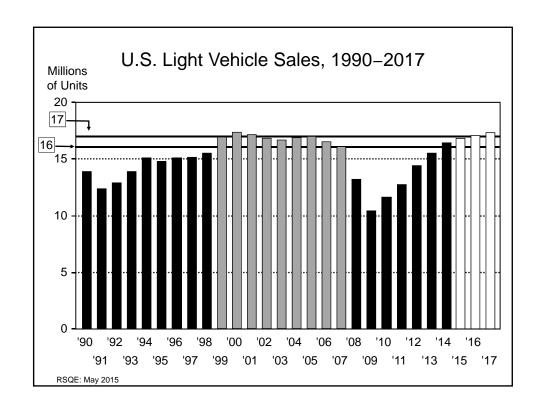
THE MICHIGAN ECONOMIC OUTLOOK FOR 2015–2017

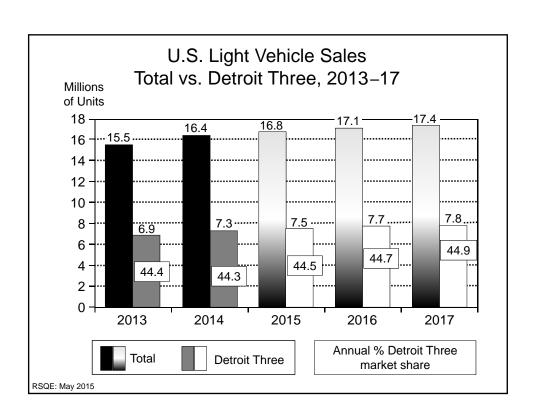


May 15, 2015

Motor Vehicle Industry Revisited

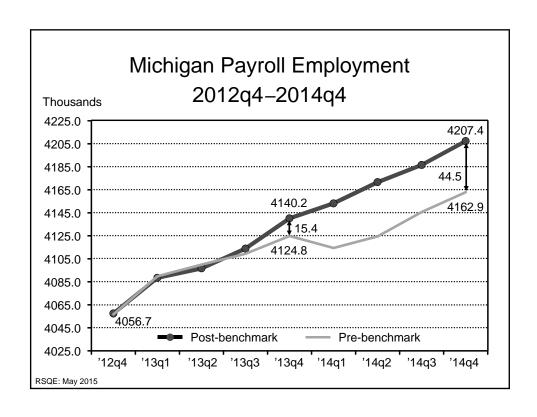




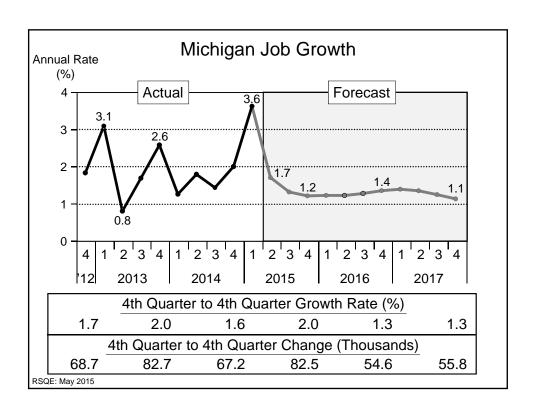


Current State of Michigan's Economy

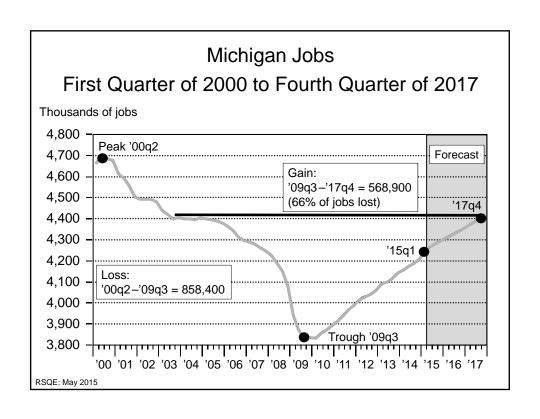


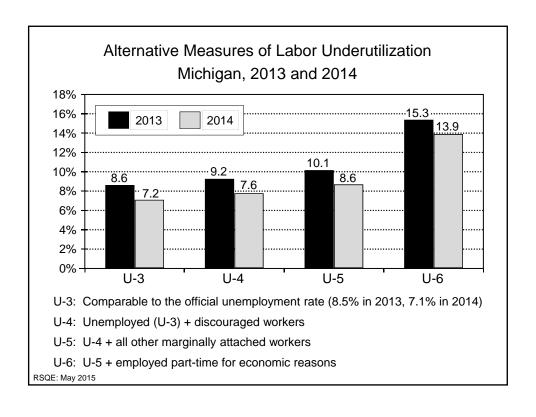






Cha	Change in Jobs by Industry Sector (Thousands of jobs)					
	2012q4 to 2013q4	2013q4 to 2014q4	2014q4 to 2015q4	2015q4 to 2016q4	2016q4 to 2017q4	
Total jobs	83	67	83	55	56	
Manufacturing	21	18	15	4	3	
Construction	7	7	12	7	9	
Prof. & bus. svcs.	22	17	20	15	15	
Trade, trans., util.	15	12	10	9	9	
Government	-7	-2	–1	1	1	
RSQE: May 2015						





Alternative Measures of Labor Underutilization Michigan vs. United States, 2010–14								
		(Perce	ntage)				
		· ·		,	Change			
Michigan	U-3	U-4	U-5	U-6	U-3	U-4	U-5	U-6
2010	12.2	13.1	14.0	21.0				
2011	10.2	11.1	12.3	18.8	-2.0	-2.0	-1.7	-2.2
2012	9.1	9.8	11.0	16.6	-1.1	-1.3	-1.3	-2.2
2013	8.6	9.2	10.1	15.3	-0.5	-0.6	-0.9	-1.3
2014	7.2	7.6	8.6	13.9	-1.4	-1.6	-1.5	-1.4
2010-14					-5.0	-5.5	-5.4	-7.1
United States								
2010	9.6	10.3	11.1	16.7				
2011	8.9	9.5	10.4	15.9	-0.7	-0.8	-0.7	-0.8
2012	8.1	8.6	9.5	14.7	-0.8	-0.9	-0.9	-1.2
2013	7.4	7.9	8.8	13.8	-0.7	-0.7	-0.7	-0.9
2014	6.2	6.6	7.5	12.0	-1.2	-1.3	-1.3	-1.8
2010-14					-3.4	-3.7	-3.6	-4.7

