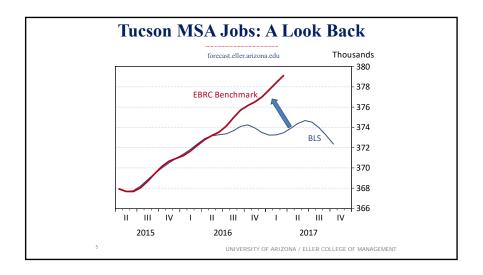
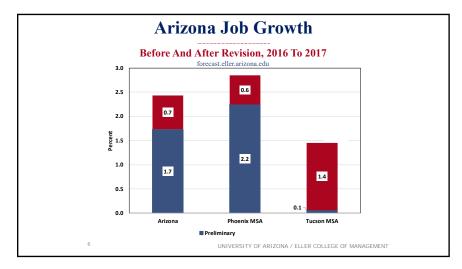


A Look Ahead

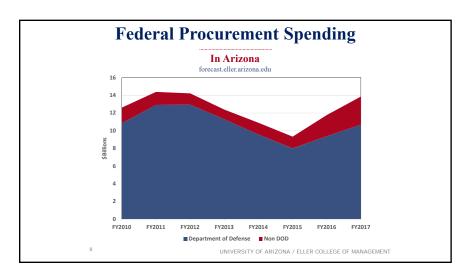
- ▶ Revised Arizona job data show stronger growth
 - ▶ Particularly for Tucson
- ▶ Federal procurement spending in Arizona is on the rise
 - ▶ Which matters for defense/aerospace/Tucson
- ► Arizona exports to Mexico have declined significantly
 - ▶ But there are signs of stabilization
- ▶ Interest rates and gas prices are moving up
 - ► Increasing risks to the expansion
- Continued growth is on the horizon, but keep an eye on risks

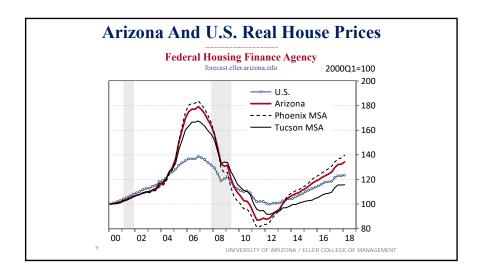
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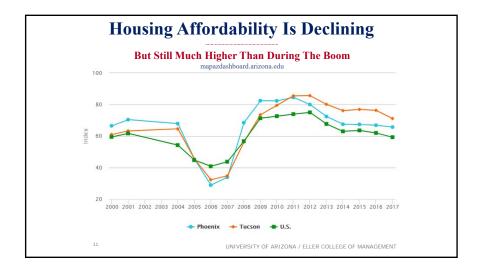


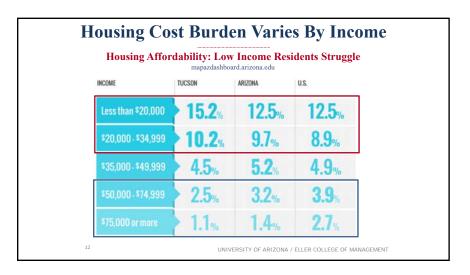




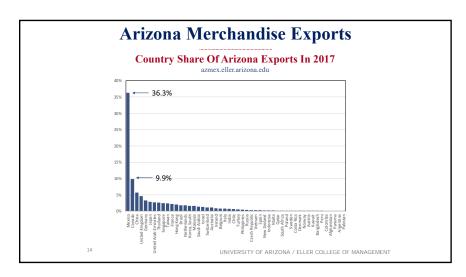




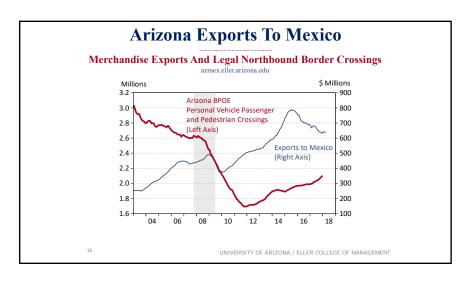


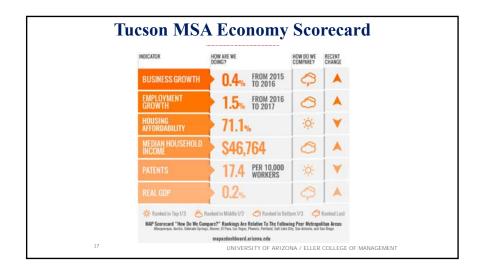


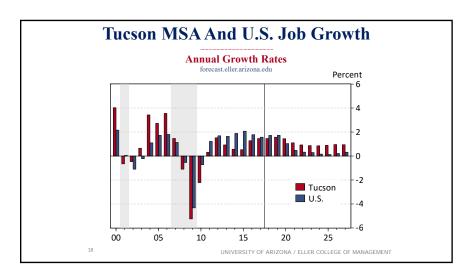


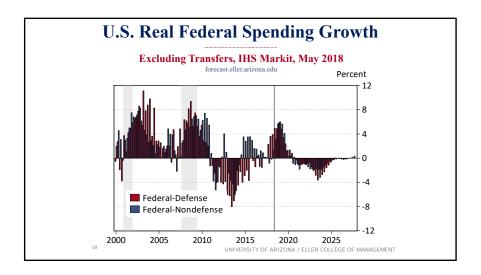


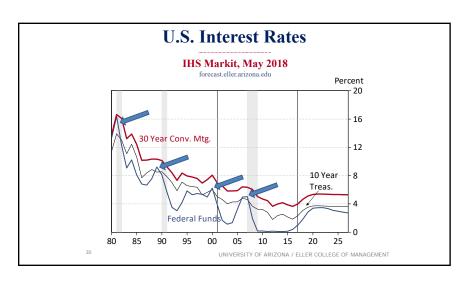


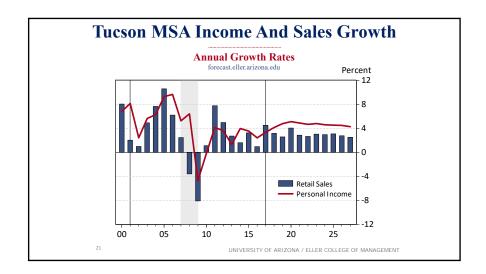


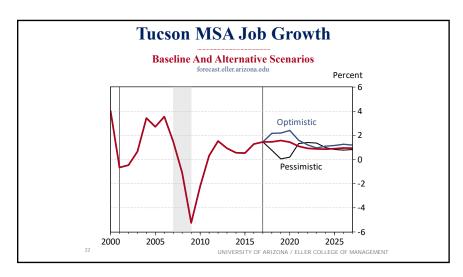














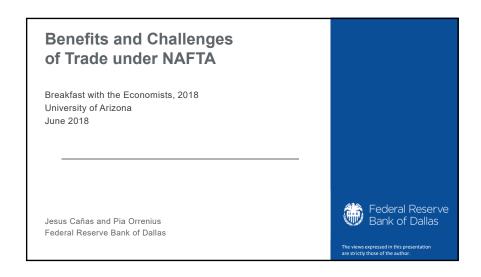










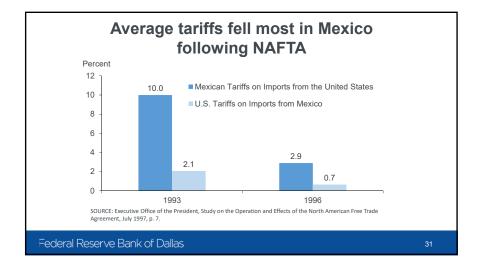


A Historic Agreement -1-

- Canada and U.S. already had an agreement
 - Adding Mexico broke the mold
- NAFTA's stated objectives
 - Eliminate barriers to trade & investment
 - Remove tariffs and non-tariff barriers
 - Facilitate cross border movement
 - Resolve disputes

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A Historic Agreement -2-

U.S. fears: Massive job losses, falling wages

"There will be a giant sucking sound going south"

-Ross Perot; October 15, 1992

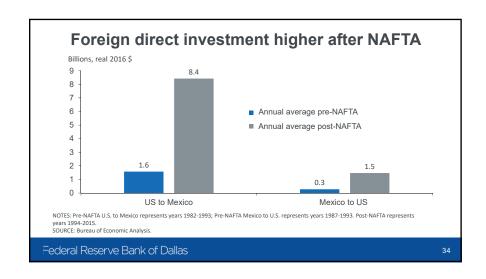
- Fears unrealized, but so were aspirations
 - Elusive Mexican economic development

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more un	an doubled	i Silice 13	33	
	1993	2016		
Exports	Billions o	Billions of Dollars		
Canada	166.9	266.8	59.9	
Mexico	69.1	231.0	234.3	
Imports				
Canada	184.8	278.1	50.5	
Mexico	66.3	294.2	343.7	
Total				
Canada	351.7	544.9	54.9	
Mexico	135.4	525.2	287.9	
Mexico OTE: Data is in billions of 2016 U.S. dollars.	135.4	525.2	287.9	



Aggregate effects of NAFTA tariff reductions

Country	Volume of Trade	Terms of Trade	Real Wages
Mexico	++	-	++
Canada	+	-	+
United States	+	+	+

SOURCE: Lorenzo Caliendo and Fernando Parro, "Estimates of the Trade and Welfare Effects of NAFTA," NBER working paper No. 18508, 2012.

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Aggregate gains mask winners, losers

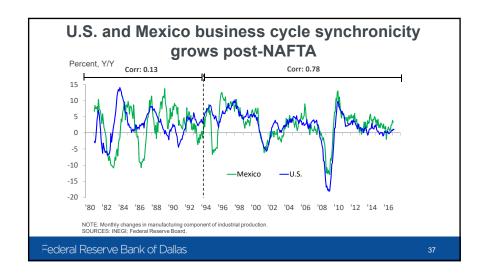
- Recent research identifies losers from trade
 - Manufacturing workers, whose industries have been most affected by Mexican imports—including along the border experienced substantially lower wage growth than their counterparts in other industries
 - Limitations on the mobility of workers both geographically and across industries appear to be very important

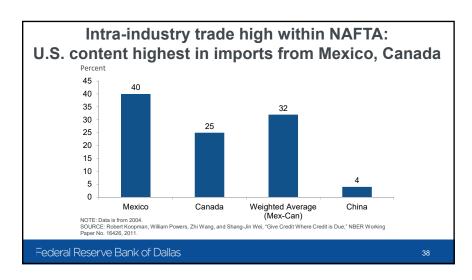
SOURCE: "Looking for Local Labor Market Effects of NAFTA," by John McLaren and Hakobyan Shushanik, Review of Economics and Statistics, vol. 98, no. 4, October 2016.

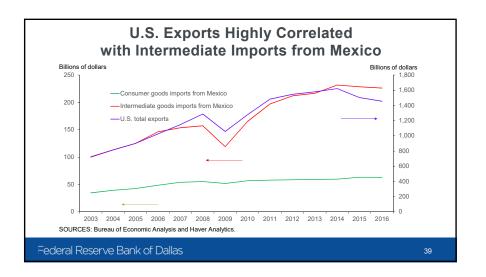
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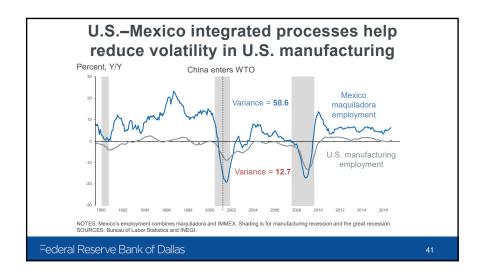
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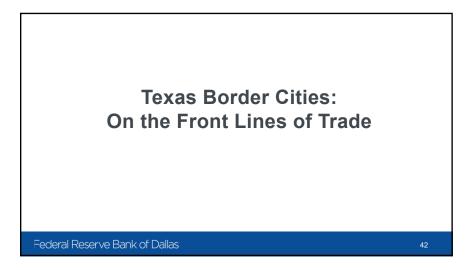


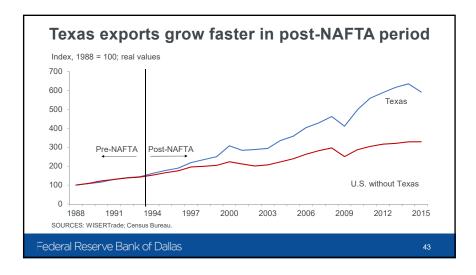


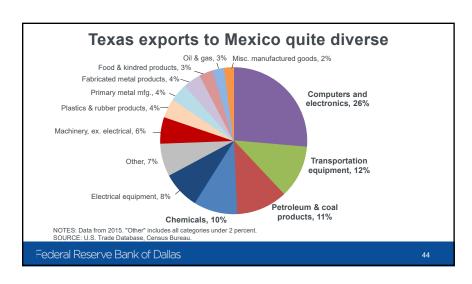


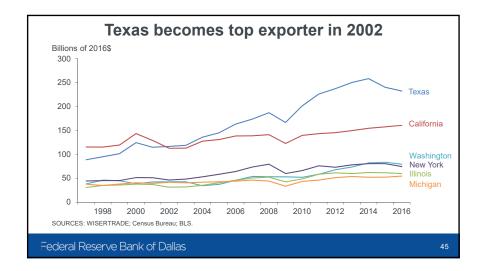










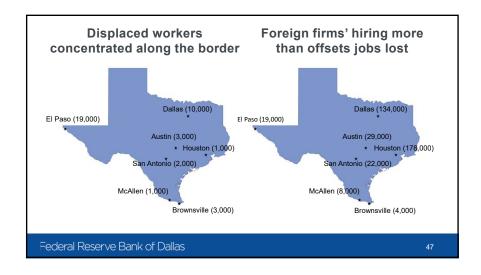


Costs of opening up to trade

- 50,000 Texas jobs lost due to NAFTA, according to BLS
- More than 45 percent of Texas job losses were concentrated along the Texas—Mexico border
 - El Paso textile and apparel industry
 - Trade Adjustment Assistance (TAA)
 - Low educational levels and limited English proficiency
 - Levi-Strauss (3,369 displaced workers)

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Maquiladora activity boosts employment in Texas border cities

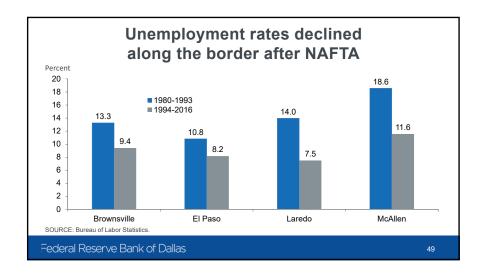
Estimation method: IV	El Paso	Laredo	McAllen	Brownsville
TOTAL	2.77*	4.62	6.58*	2.21
Construction	0.20	3.19	4.04*	1.29*
Manufacturing	-1.28	1.02	1.64	0.66
Transportation	5.30*	7.21*	6.63*	4.6*
Wholesale	0.43	1.96	4.01*	0.84
Retail	1.31	0.66	3.21*	1.34*
FIRE	2.12*	8.23*	4.63*	0.64
Services	1.84*	5.93*	7.38*	3.89*

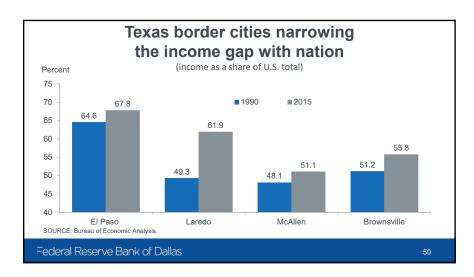
NOTES: This table shows elasticity estimates. That is the table shows the percentage increase in local employment from a 10 percent increase in maquiladora production for each Texas Border Cities. * indicates significant at the 10% level. SOURCE: J. Cañas, R. Coronado, R. Gilmer, E. Saucedo (2011) "The Impact of Maquiladoras on U.S. Border Cities", Federal Reserve Bank of Dallas, working paper.

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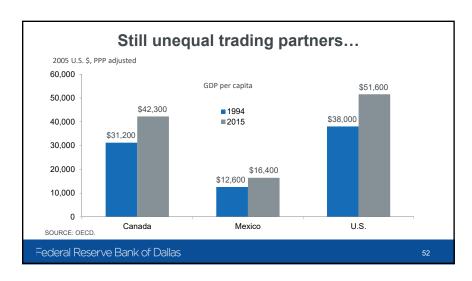
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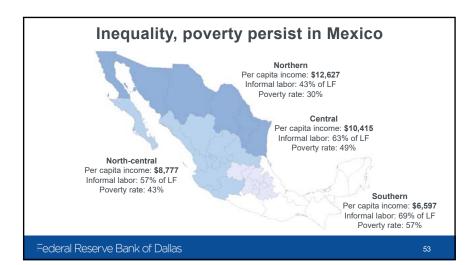
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Future calls for more NAFTA, not less

- Mexico: manufacturing sector has boomed, but spillovers have been limited
 - Will reforms spread the gains from trade to rest of sectors and reduce inequality?
- U.S. labor market effects
 - Need for programs to identify and assist displaced workers
 - Ability to adjust, diversify and grow
 - Border cities overcame initial job losses, went on to thrive

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