

2015 Employment Data

presented by
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October 19, 2017



Rationale



- Last purchase was InfoGroup in 2014
- Models being updated for next LRTP cycle
- Employment data critical for models
- More advanced models in development around the state
- Need point level employment data
- Resource Constraints

Data Sources



- 2014 InfoGroup Data
 - Main dataset used for development
- 2013 and 2014 LEHD Data
 - Used to compute growth rates
 - 2015 LEHD data not available till late September
- 2015 BEBR Series 411 County Employment Data
 - Used for Control Totals
 - Totals consistent with 2014 Infogroup Data

Data Sources



- **BEBR Series 411 County Employment Data**
 - Average annual number of full-time and part-time jobs in each area by place-of-work.
 - Full-time and part-time jobs are counted with equal weight.
 - Jury and witness service, as well as paid employment of prisoners, are not counted as wage and salary employment
 - The source of this data is the US Bureau of Economic Analysis (BEA) and is not available by industry sector.

Methodology



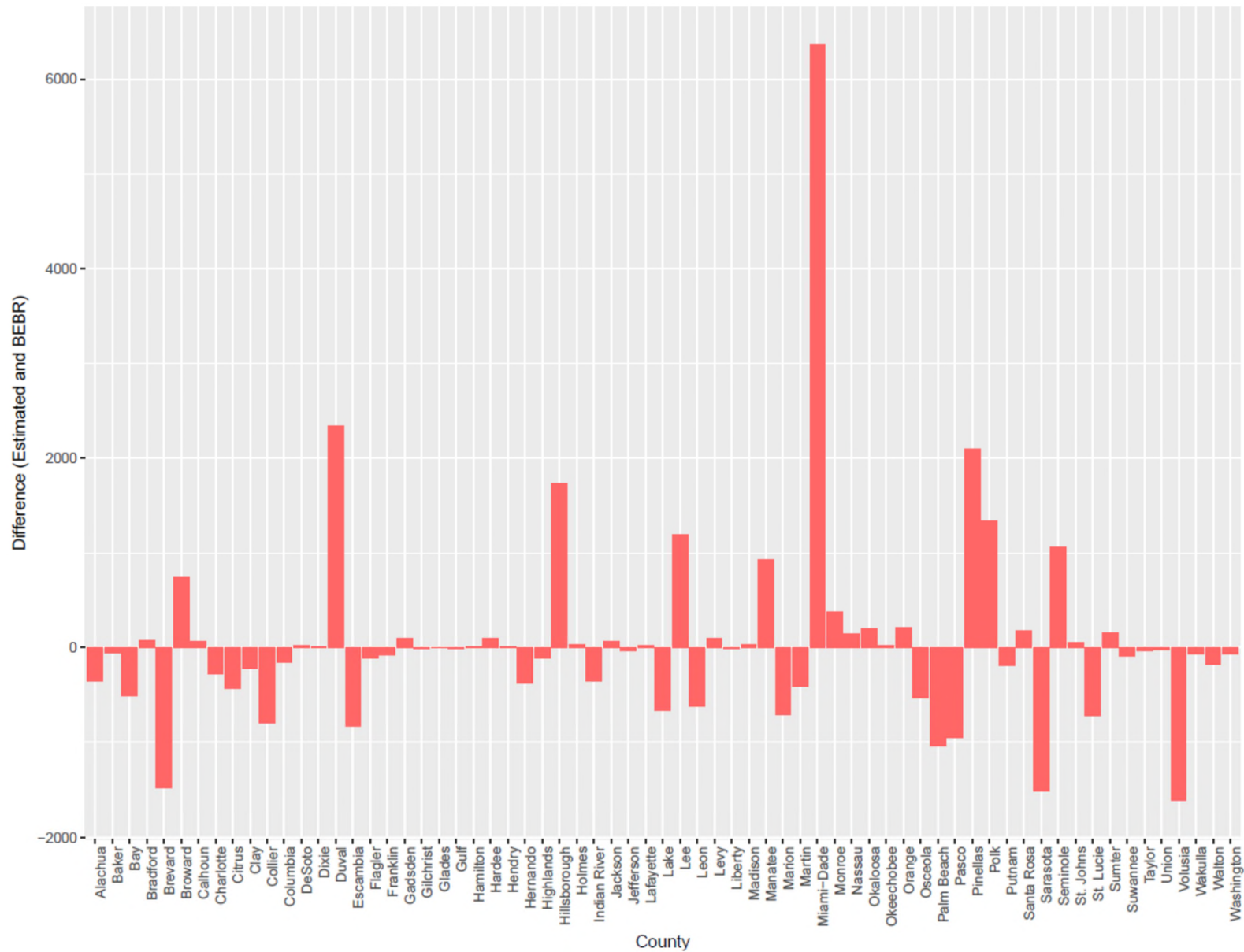
- Step 1 – Aggregate 2014 InfoGroup data to 3 Digit and 2 Digit NAICS to Census Block
- Step 2 – Determine growth rate between 2013 and 2014 at Census Block by 2 Digit NAICS from LEHD
 - All Jobs and Federal Jobs Workplace Area Characteristics files used
- Step 3 – Apply growth rate to 2014 InfoGroup data
 - Account for small numbers issues
 - Adjust to county growth rates

Methodology



- Step 4 – Distribute 2 Digit 2015 NAICS employment to 3 Digit NAICS employment at Census Block
 - Use information from 2014 LEHD
- Step 5 – Adjust totals to be consistent with BEBR estimates

Results – BEBR and Estimated Employment

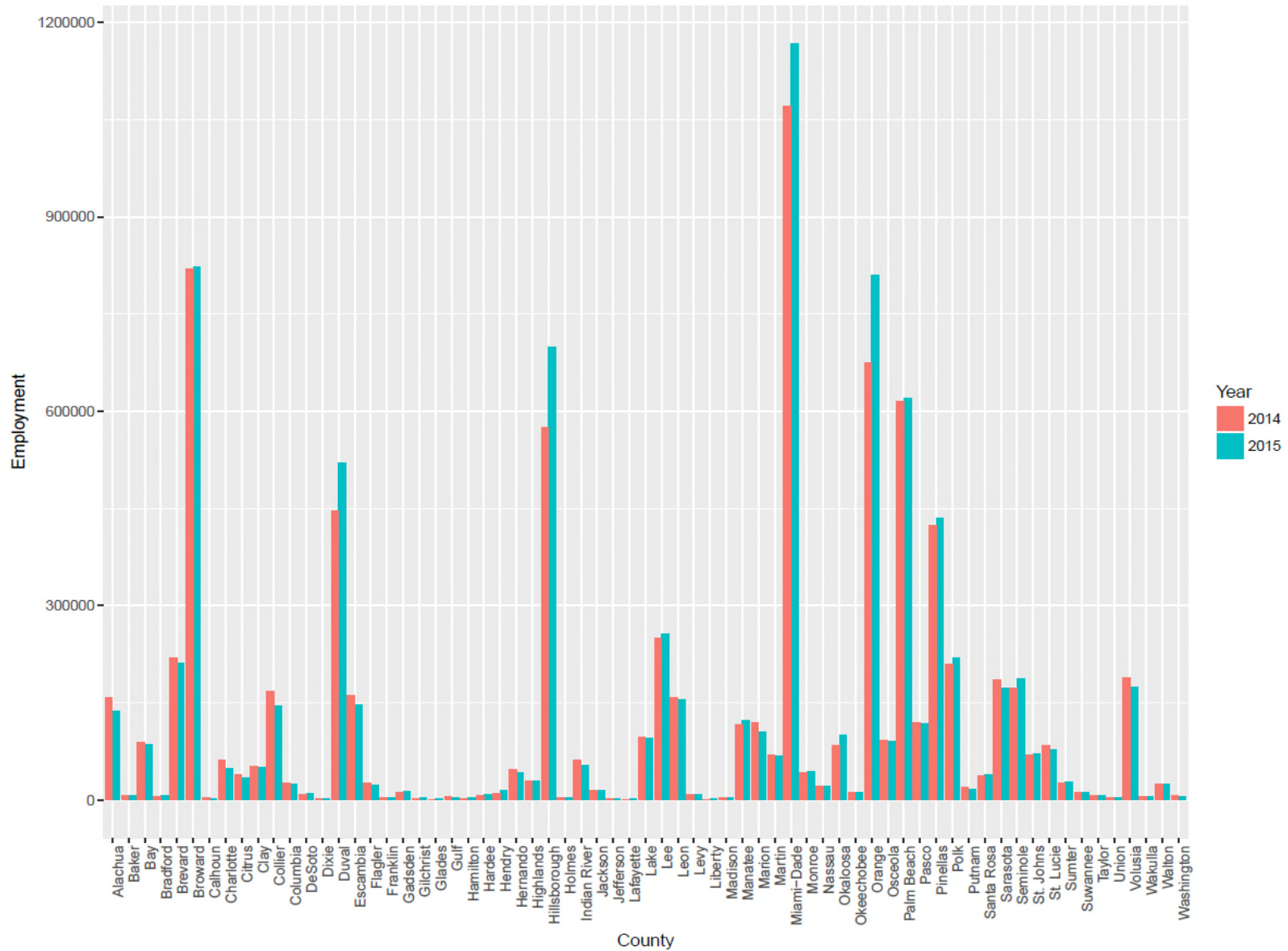


Results – Overall Employment



DISTRICT	Infogroup Employment (2014)	2015 Employment	Change	Percent
1	1,054,038	1,041,852	-12,186	-1.2
2	846,910	907,156	60,246	7.1
3	613,794	609,472	-4,322	-0.7
4	1,635,188	1,642,077	6,889	0.4
5	1,608,133	1,725,242	117,109	7.3
6	1,101,642	1,210,992	109,350	9.9
7	1,200,123	1,329,782	129,659	10.8
TOTAL	8,059,828	8,466,573	406,745	5.0

Results – County Employment



Results – County Employment by Industry



NAICS Code	Description	Industry Categories
11	Agriculture, Forestry, Fishing and Hunting	Industrial
21	Mining, Quarrying, and Oil and Gas Extraction	Industrial
22	Utilities	Industrial
23	Construction	Industrial
31-33	Manufacturing	Industrial
42	Wholesale Trade	Commercial
44-45	Retail Trade	Commercial
48-49	Transportation and Warehousing	Service
51	Information	Service
52	Finance and Insurance	Service
53	Real Estate and Rental and Leasing	Service
54	Professional, Scientific, and Technical Services	Service
55	Management of Companies and Enterprises	Service
56	Administrative and Support and Waste Management and Remediation Services	Service
61	Educational Services	Service
62	Health Care and Social Assistance	Service
71	Arts, Entertainment, and Recreation	Service
72	Accommodation and Food Services	Service
81	Other Services (except Public Administration)	Service
92	Public Administration	Service

Results – County Employment by Industry



	Industrial		Commercial		Service		Total
	Number	Percent	Number	Percent	Number	Percent	
District 1	127,000	12.2%	212,050	20.4%	702,802	67.5%	1,041,852
District 2	92,660	10.2%	159,116	17.5%	655,380	72.2%	907,156
District 3	62,257	10.2%	95,445	15.7%	451,770	74.1%	609,472
District 4	161,779	9.9%	315,365	19.2%	1,164,933	70.9%	1,642,077
District 5	183,081	10.6%	304,581	17.7%	1,237,580	71.7%	1,725,242
District 6	107,183	8.9%	247,387	20.4%	856,422	70.7%	1,210,992
District 7	133,429	10.0%	274,225	20.6%	922,128	69.3%	1,329,782
Statewide	867,389	10.2%	1,608,169	19.0%	5,991,015	70.8%	8,466,573

Results – District Employment (NAICS)



Compare Estimated Employment vs 2014 Infogroup (District & NAICS2 Employment)



Questions?



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