

Update on Preliminary Short-term Forecast

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Introduction

- Special project on the construction industry cluster for the years 2013-2016
- Overview of the 2014 and 2020 Forecast
- Next Steps

Construction Cluster

The “Construction Cluster” encompasses two NAICS sectors:

Heavy and Civil Engineering (237)

- Establishments whose primary activity is the construction of entire engineering projects (e.g., highways and dams)

Specialty Trade Contractors (238)

- Establishments whose primary activity is performing specific activities (e.g., pouring concrete, site preparation, plumbing, painting, and electrical work) involved in building construction or other activities that are similar for all types of construction, but that are not responsible for the entire project

Methodology

Historical Employment

Quarterly Census of Employment and Wages (QCEW)

- BLS data that provides a consistent measure of employment by industry for 1990 thru 2011

2012 Employment Estimate

Current Employment Statistics (CES)

- Monthly BLS report measuring employment, hours and worker wages by industry and region
- Used to estimate of year over year changes in construction employment for Louisiana

2013-2016 Forecast

Choosing a Baseline Model

- Selecting a forecast that best captured baseline historical growth in employment

News Stories

- Carefully analyzing *timing* and *magnitude* of major construction projects

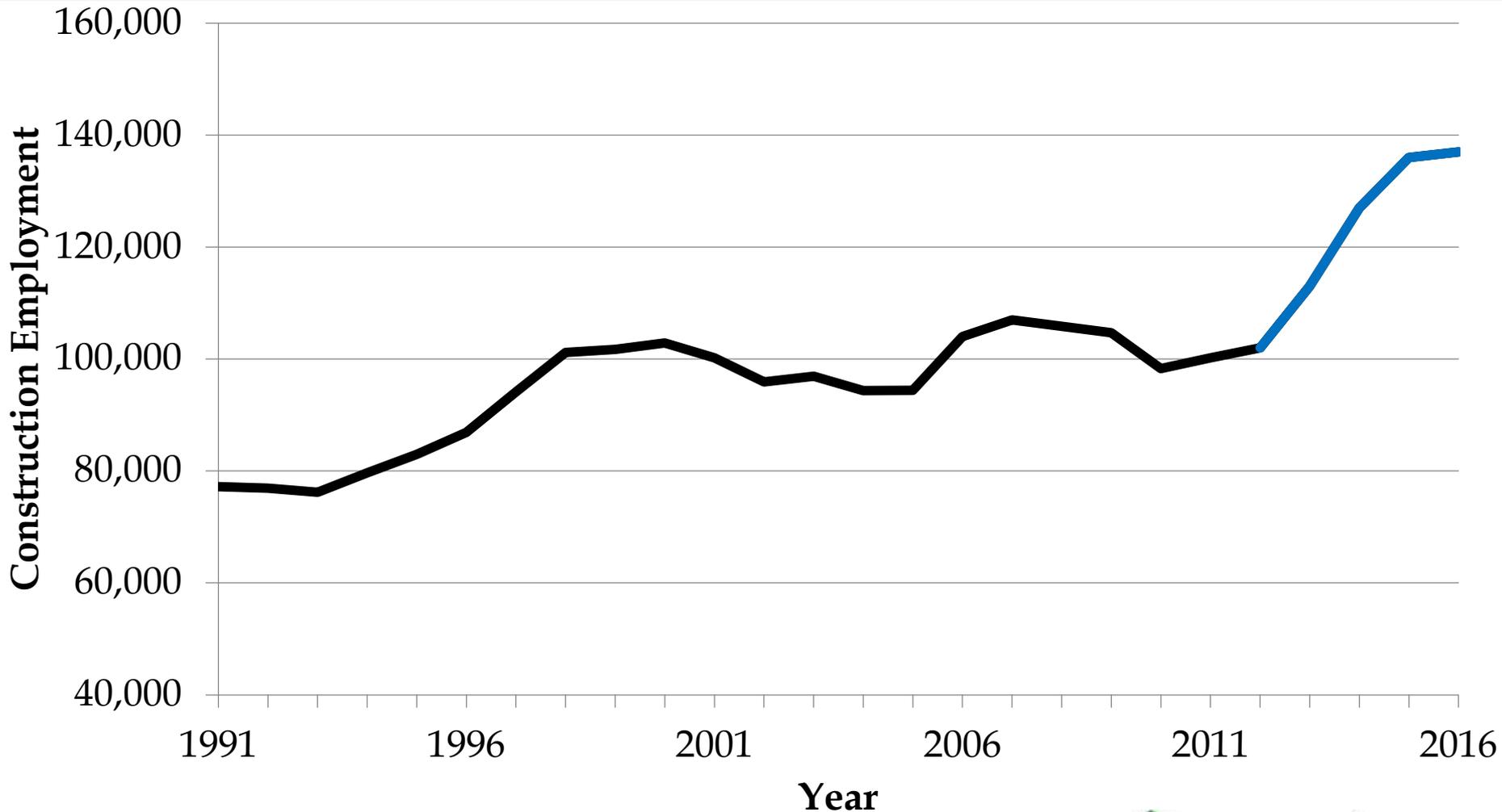
Driver Firm & Industry Feedback

- Spoke to representatives of leading employers and industries to get the most up to date information on ongoing and future projects and employment expectations.

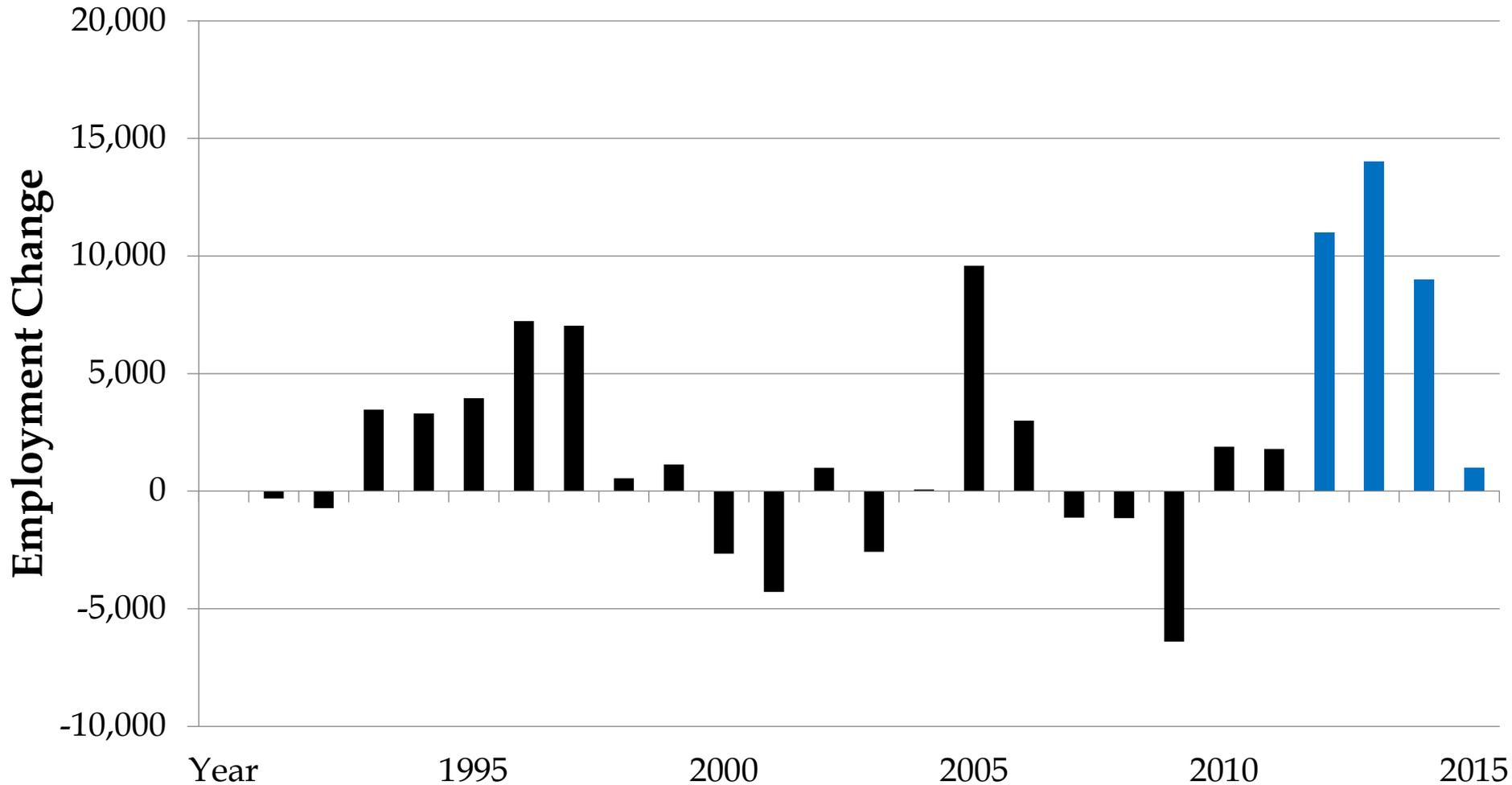
Big Projects Incorporated

- BioNitrogen
- CF Industries
- Cheniere
- G2X
- Leucadia
- Magnolia
- Methanex
- Nucor
- Sasol
- Sempra
- Shell
- Trunkline
- University Medical Center
- Veterans Hospital

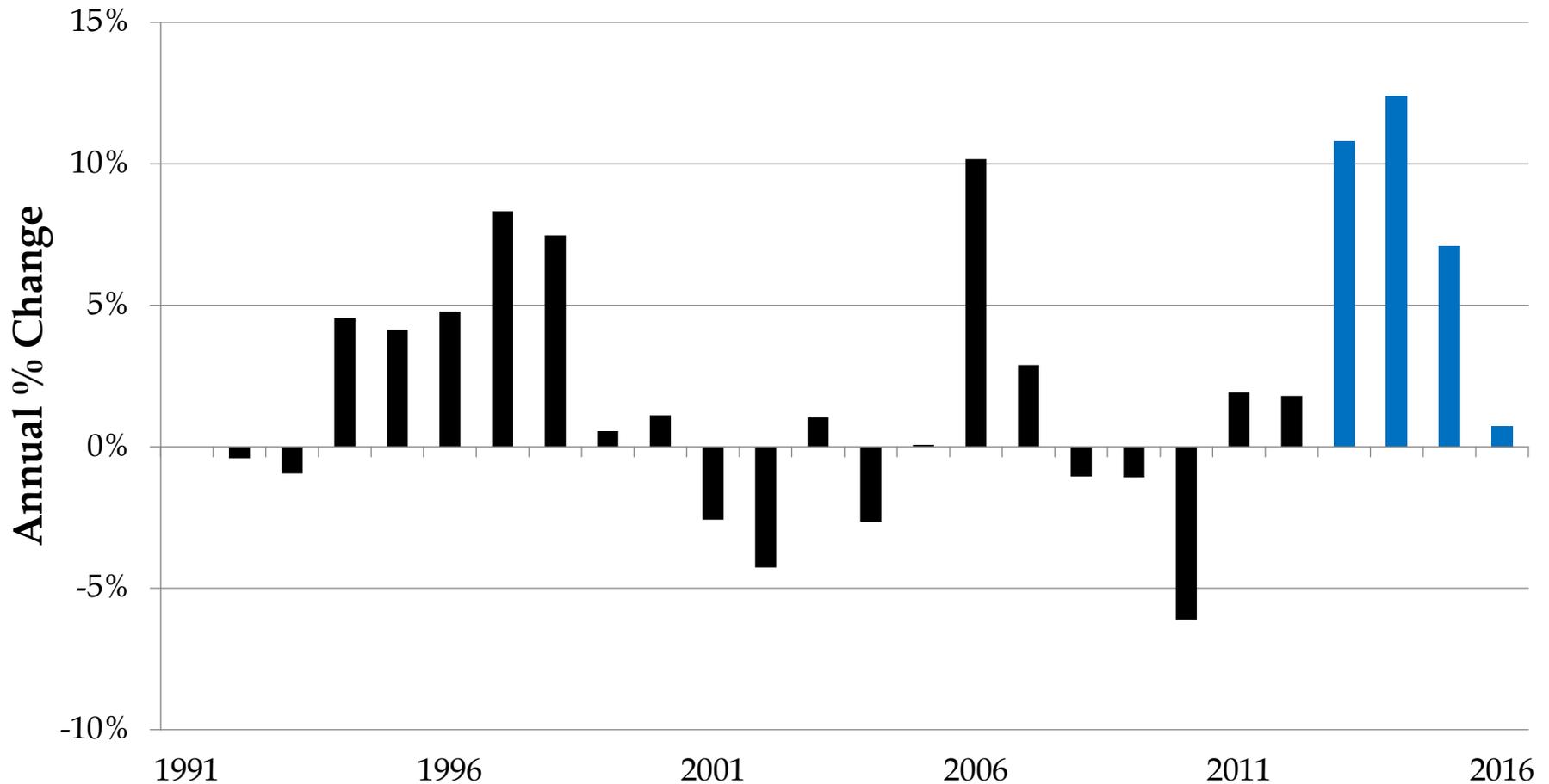
Statewide Growth in Construction Employment



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Statewide Growth in Construction Employment



Top Construction Occupations

SOCCode	SOCTitle	2011 Employment	2016 Employment	New Jobs	Replacement	Total Openings
47-2061	Construction Laborers	10,714	14,971	4,257	344	4,601
47-2152	Plumbers, Pipefitters, and Steamfitters	5,394	7,467	2,073	759	2,832
47-2111	Electricians	5,805	7,862	2,057	750	2,807
47-2073	Operating Engineers and Other Construction Equipment Operators	5,256	7,388	2,132	556	2,688
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	4,751	6,541	1,790	538	2,328
47-2031	Carpenters	4,731	6,483	1,752	474	2,226
51-4121	Welders, Cutters, Solderers, and Brazers	2,847	4,129	1,282	374	1,656
47-2141	Painters, Construction and Maintenance	3,136	4,308	1,172	327	1,499
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,731	3,973	1,242	214	1,456
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,462	3,392	930	401	1,331