Field of Degree and Occupational Outcome of Foreign-Born Workers in the U.S.

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Research Questions

- Are foreign-born workers less likely to be in occupations that match their field of study?
- How does occupational distribution vary by field of degree (FOD), nativity, and foreignborn region of birth?

Data

- This analysis uses data from the 2009 American Community Survey (ACS):
- Annual survey of approximately 3 million household addresses
- Most current estimates of detailed social, housing, economic, and demographic data for geographic areas across the United States
- Results compiled on a monthly basis and published annually
- It also uses a crosswalk between the 2000 Classification of Instructional Programs (CIP) and the 2000 Standard Occupational Classification (SOC) developed by the National Crosswalk Service Center (NCSC)

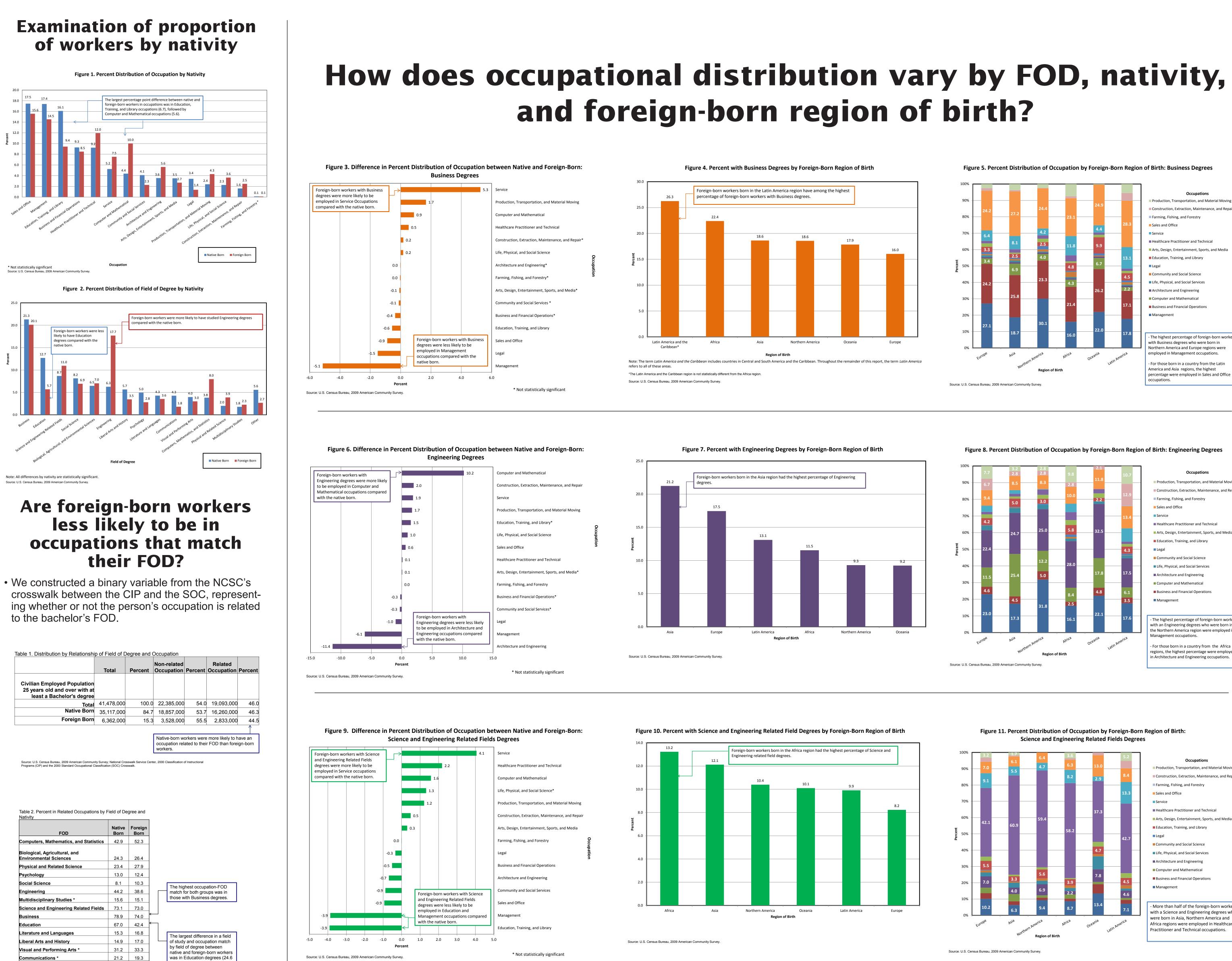
Universe

The universe consists of civilian employed population 25 years and older with at least a bachelor's degree who reported working within the 12 months prior to interview.

Definitions and Concepts

- Who are foreign-born workers?
- Workers who indicated they were <u>not</u> born in the United States, **not** born in Puerto Rico, Guam, the U.S. Virgin Islands, or the Northern Marianas and were **not** born abroad of American parent(s)
- What is field of degree (FOD)?
- Persons with a bachelor's degree or higher were asked to list the specific major(s) of any **bachelor's degree** received
- Used to assess the qualifications of the U.S. college-educated workforce
- First appeared on the ACS in 2009
- This analysis uses the detailed FOD for the first major listed by respondent
- What is occupation?
- Describes the kind of work a person does on the job
- For employed people, the data refer to the person's job during the previous week
- For those who worked two or more jobs, the data refer to the job where the person worked the greatest number of hours

 For unemployed people and people who are not currently employed but report having a job within the last five years, the data refer to their last job



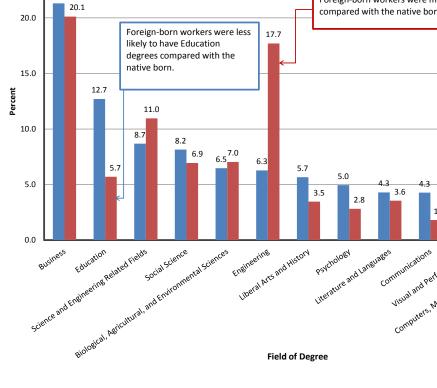


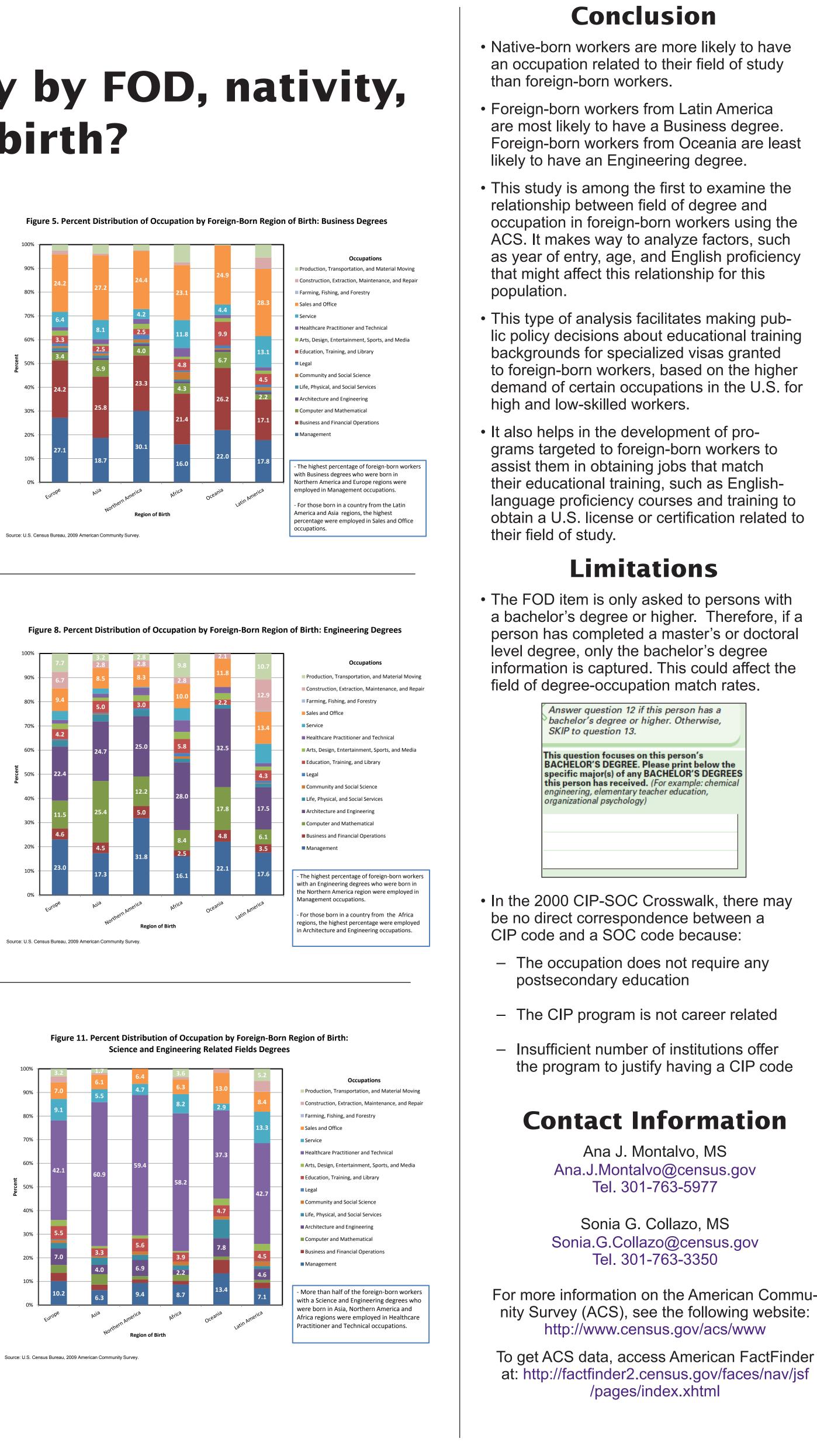
Table 1. Distribution by Relationshi		-	Non-related	
	Total	Percent	Occupation	
Civilian Employed Population 25 years old and over with at least a Bachelor's degree				
Total	41,478,000	100.0	22,385,00	
Native Born	35,117,000	84.7	18,857,00	
Foreign Born	6,362,000	15.3	3,528,00	
			Native-born v occupation re workers.	

FOD	Native Born	Foreign Born		
Computers, Mathematics, and Statistics	42.9	52.3		
Biological, Agricultural, and Environmental Sciences	24.3	26.4		
Physical and Related Science	23.4	27.9		
Psychology	13.0	12.4		
Social Science	8.1	10.3		The highest occupation
Engineering	44.2	38.6		match for both groups v
Multidisciplinary Studies *	15.6	15.1		those with Business deg
Science and Engineering Related Fields	73.1	73.0		
Business	78.9	74.0		
Education	67.0	42.4	\leftarrow	
Literature and Languages	15.3	16.8		The largest difference ir
Liberal Arts and History	14.9	17.0		of study and occupation by field of degree betwo native and foreign-born
Visual and Performing Arts *	31.2	33.3		
Communications *	21.2	19.3		was in Education degre
Other	52.5	49.1		percentage points). Mor native-born workers had

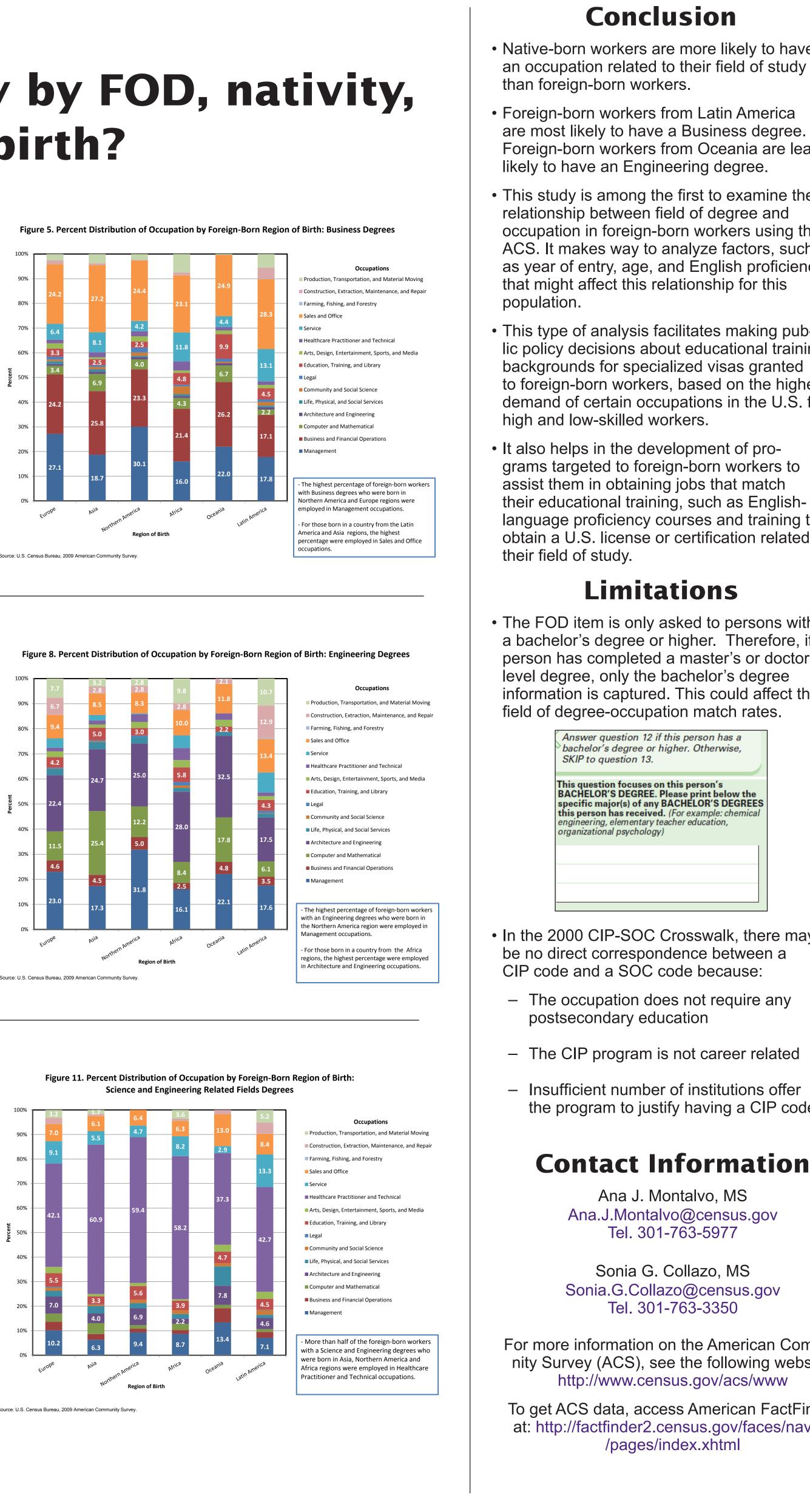
urce: U.S. Census Bureau, 2009 American Community Survey; National Crosswalk Service Center, 2000 Classification of Instructional Programs (CIP) and the Standard Occupational Classification (SOC



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Source: U.S. Census Bureau, 2009 American Community Survey



This poster is released to inform interested parties of ongoing research and to encourage discussion of work in progress. Any views expressed on methodological issues are those of the authors and not necessarily those of the U.S. Census Bureau.