

Labor Market Outcomes F.A.Q.

Definitions

Industry Name: detailed industry name for North American Industry Code System identifier

Job Title: best standard job title name for job title of most recent job from EMSI profile database

10th percentile: 10th percentile wage for the related Standard Occupational Classification (SOC) in the county where this person listed residence

Median Wage: 50th percentile wage for the related SOC in the county where this person listed residence

90th percentile: 90th percentile wage for the related SOC in the county where this person listed residence

Methodology

When was the EMSI Alumni Insight Report conducted?

The EMSI Alumni Insight Report was conducted August 2018 as the result of a non-recurring agreement with a third-party data provider, EMSI. The data and dashboards summarizing it are considered a pilot and *will not be updated* until such time as more permanent funding is identified and applied to this purpose.

What is the Alumni Insight database?

Alumni Insight is an aggregation of social and professional profiles. The data is collected via is a social profile-matching engine developed by EMSI's partner CareerBuilder.

Where does the data come from?

Alumni Insight aggregates publicly available data from commonly used websites and sources where users openly share their own information. These sources include but are not limited to: Facebook, Google, Twitter, Quora, Github, Pinterest, Meetup, and CareerBuilder.

How does Alumni Insight construct a “profile”?

At a high-level, EMSI constructs a profile using a three-step process: 1. EMSI begins by consolidating billions of raw social profiles and data from across the web. At this stage of the process there are millions of duplicate profiles. 2. EMSI then matches and unifies duplicate profiles to create one unique master profile; this profile corresponds to one real person. EMSI attempts to match profiles based on known fields like email address, location, name, job title etc. EMSI employs various heuristic and machine-learning processes to constantly develop and improve the quality of this process. 3. Finally, EMSI exports the final Alumni Insight dataset and make it available to various customer facing applications.

How often is Alumni Insight data updated?

Alumni Insight frequently adds new data sources to either augment the amount of profiles or improve the quality for existing profiles. The total number of profiles in Alumni Insight is updated once quarterly.

How many PAC Alumni were matched in EMSI Alumni Insight database?

PAC-OIRPE sent EMSI 74,008 records for alumni since Fall 2010, of which EMSI matched 12,565 (17%).

Data Sources and Calculations

Occupation Data: EMSI occupation employment data are based on EMSI industry data and EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

State Data Source: Texas Workforce Commission

Wage Information Estimate: Wage information is not sourced from actual individual wages, rather it is a wage estimate associated with occupations matched to alumni records.