## Nonemployment Duration and the Consequences of Job Separations

<table>
<thead>
<tr>
<th>Question your work tried to answer</th>
<th>How do workers’ earnings change following separation from an employer?</th>
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| **Local Employment Dynamics data sources used** | OnTheMap  
QWI  
Industry Focus  
Raw data files from CD or VRDC  
*Other: Confidential data from the Longitudinal Employer-Household Dynamics program that underlie the LED.* |
| Other data sources used | None |
| Software/ data processing tools used | SAS  
Excel |
| Brief description of methodology (if someone wanted to do a similar analysis, how should they approach it?) | Identify separations in a reference quarter in the LEHD.  
Classify separations by the growth rate of the origin employer.  
Measure time until re-employment.  
Estimate a model of time until re-employment.  
Identify control group of non-separators.  
Measure full-quarter earnings for both separators and non-separators.  
Estimate OLS regressions of earnings change upon re-employment for each duration of nonemployment.  
Estimate quantile regressions of same. |
| Benefits of methodology/ data | The data cover almost all employment in the states in our sample.  
Earnings are administrative and presumably more accurate than in surveys of individuals. |
| Drawbacks/problems with methodology/data | We cannot identify the reason for a separation; we must impute this from the growth rate of the employer.  
At present, we do not follow individuals across states, although the data would allow this.  
We cannot separate wages & salaries from other types of compensation. |
| Anything else? | |
| Who and how to contact for more | Bruce Fallick, at [bruce.fallick@frb.gov](mailto:bruce.fallick@frb.gov). |