

Chart Addendum to *Liberty Street Economics* Blog Post  
“Characterizing the Rising Settlement Fails in Seasoned Treasury Securities”\*

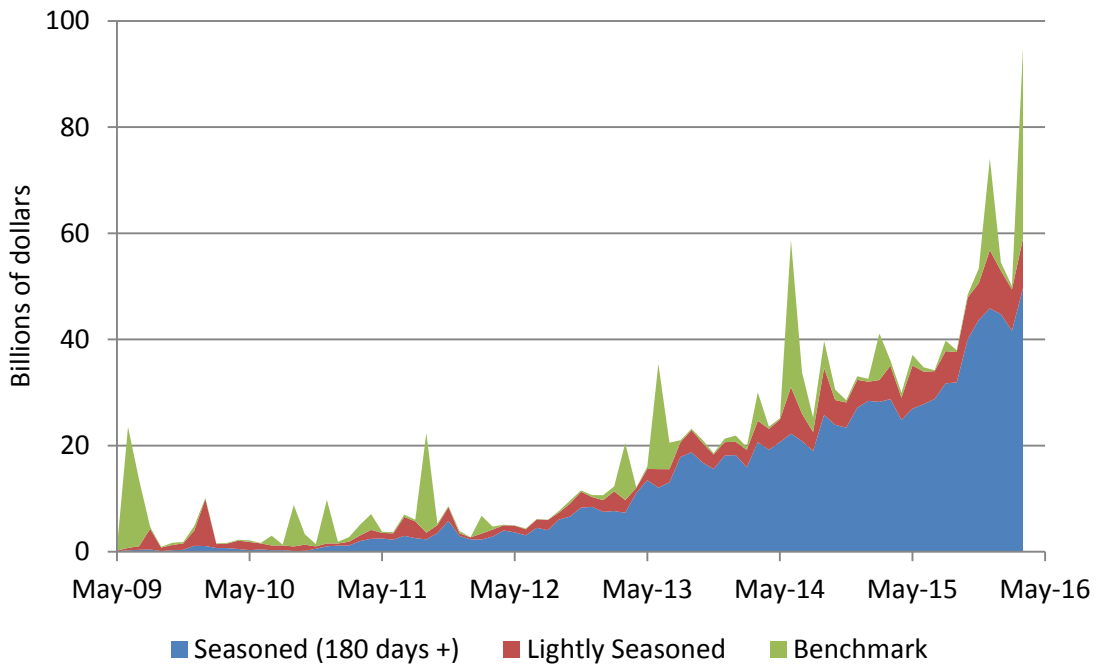
Michael Fleming and Frank Keane

Federal Reserve Bank of New York

April 13, 2016

This addendum provides updated versions of the charts presented in the January 4, 2016, *Liberty Street Economics* blog post “[Characterizing the Rising Settlement Fails in Seasoned Treasury Securities](#)” using data from May 1, 2009, through March 31, 2016.

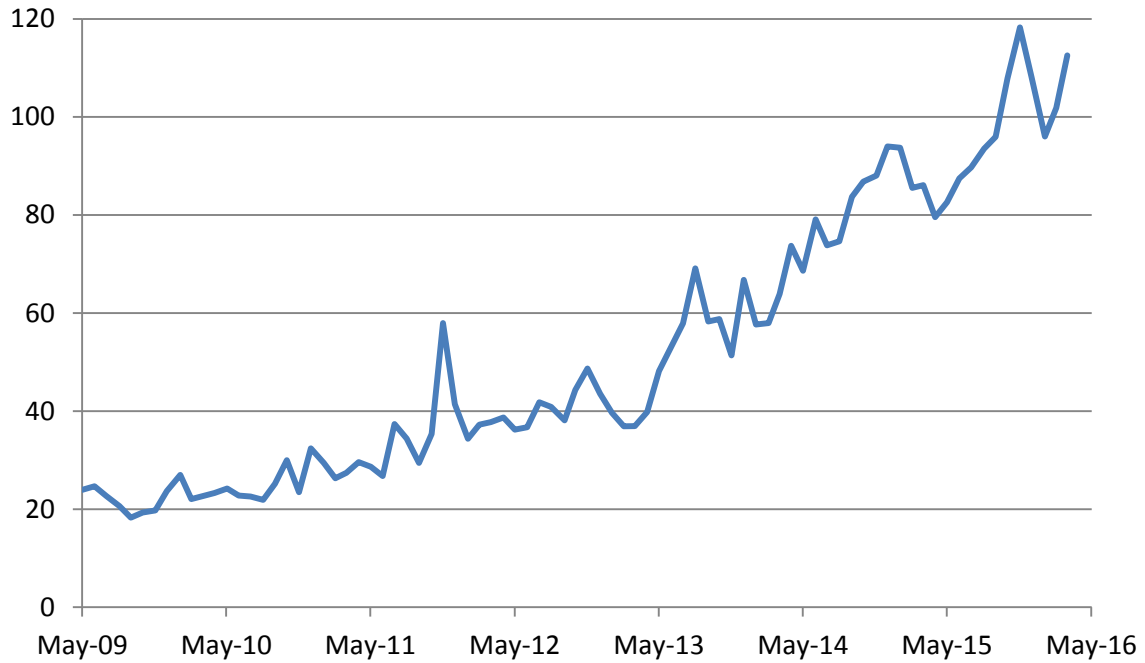
**Seasoned Fails Continue to Rise**



Source: Authors’ calculations, based on data from the Depository Trust and Clearing Corporation.  
Note: The chart shows average daily gross fails by month for the most recently issued (benchmark) Treasury securities of a given original maturity, for Treasury securities issued more than 180 days prior (seasoned), and for all other Treasury securities (lightly seasoned).

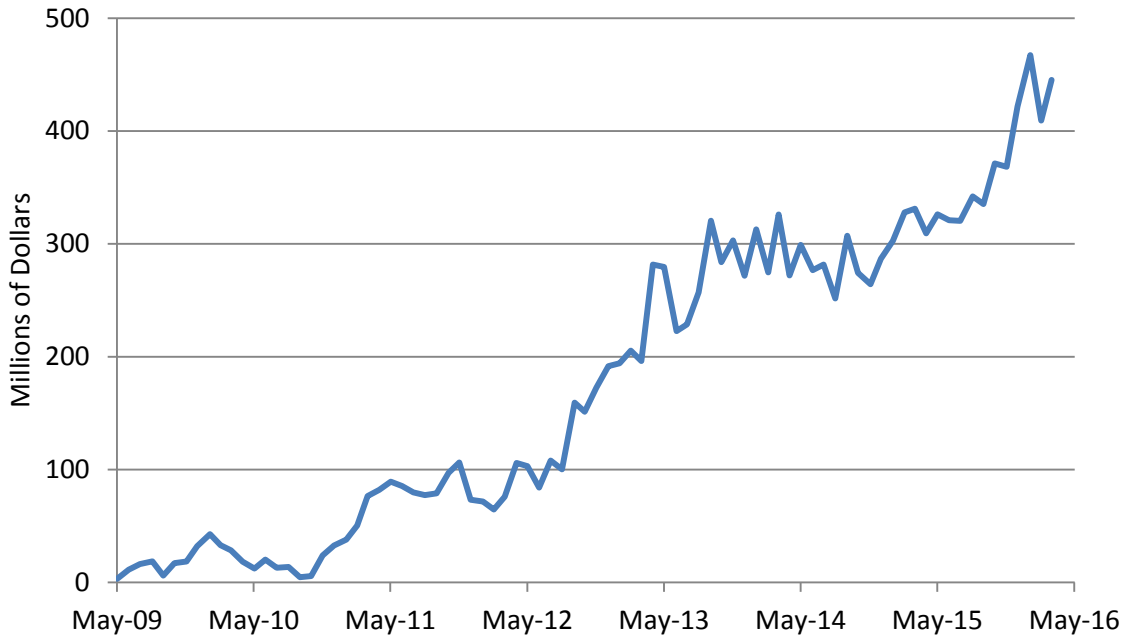
\* The authors are grateful to Zachary Wojtowicz for his excellent research assistance. Views expressed are those of the authors and not necessarily those of the Federal Reserve Bank of New York or the Federal Reserve System.

### Number of Issues Failing Is Increasing



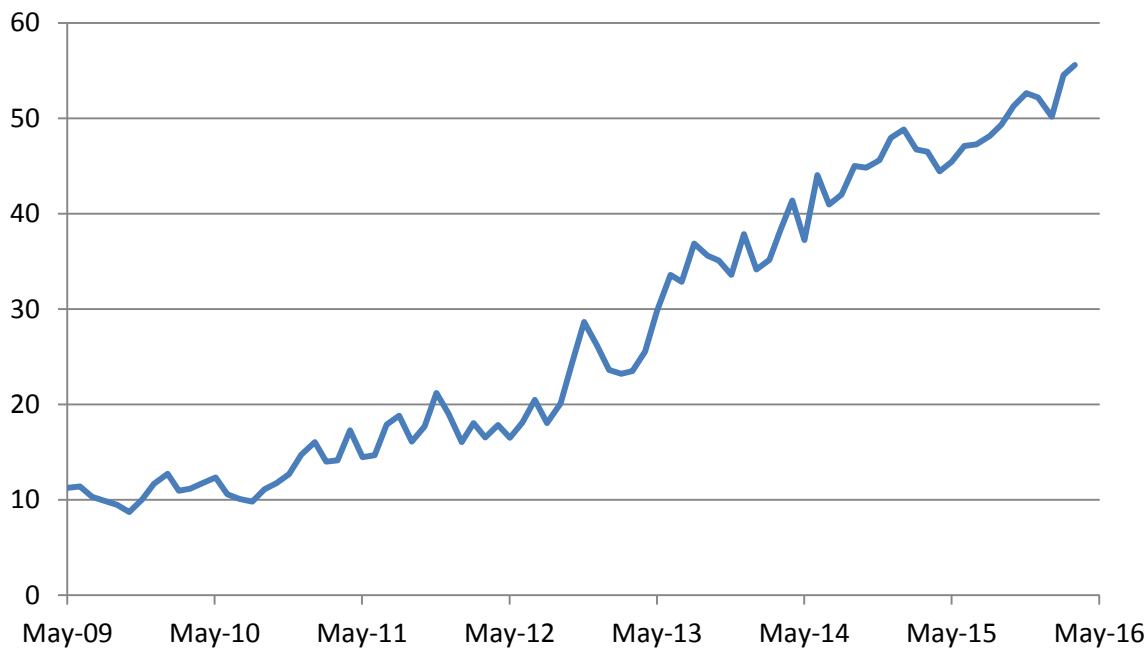
Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
Note: The chart shows the average daily number of seasoned issues (securities issued more than 180 days prior) failing by month.

### Quantity Failing per Issue Is Increasing



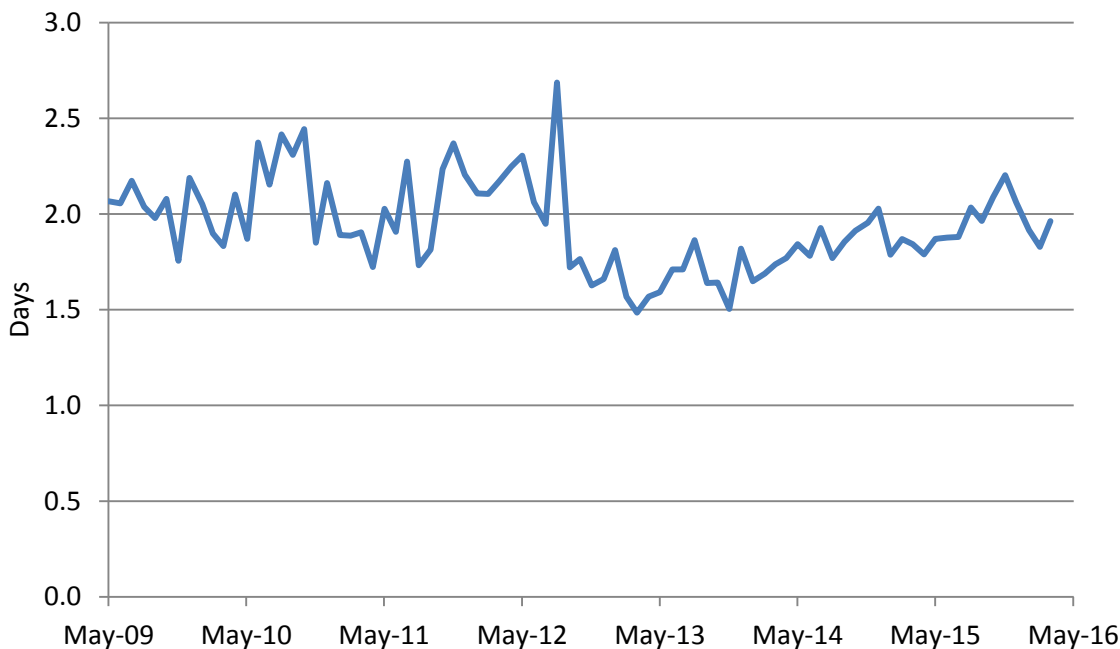
Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
Note: The chart shows average daily per-security gross fails by month for seasoned issues (securities issued more than 180 days prior).

### Number of New Issues Failing per Day Is Increasing



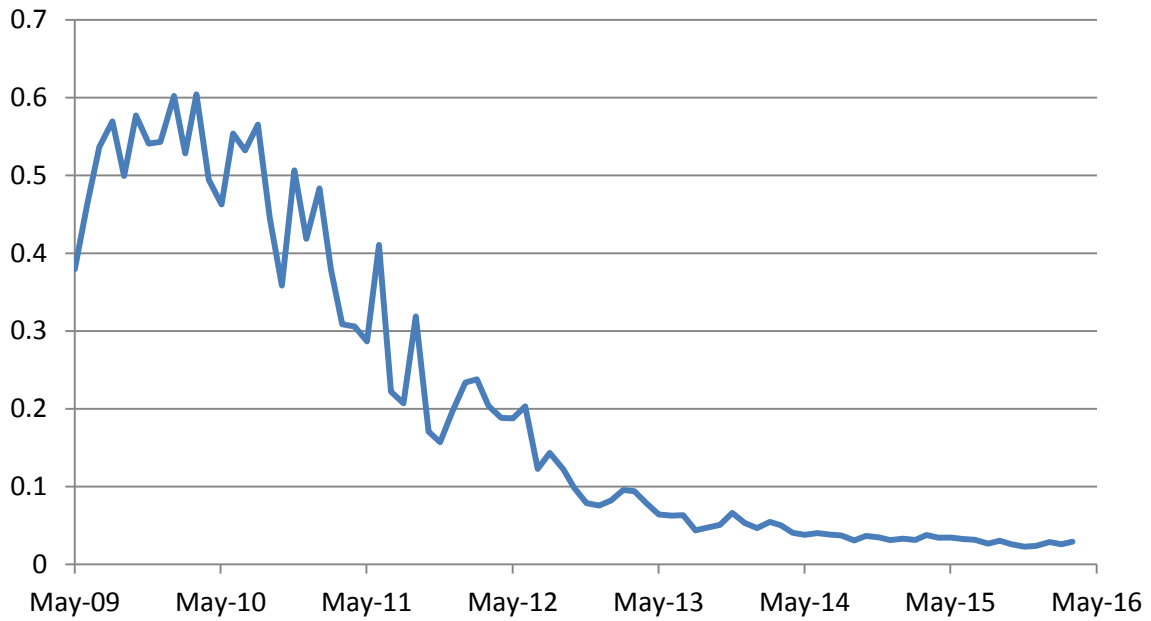
Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
Note: The chart shows the average daily number of new fails episodes by month for seasoned issues (securities issued more than 180 days prior).

### Average Fails Episode Length Has Declined



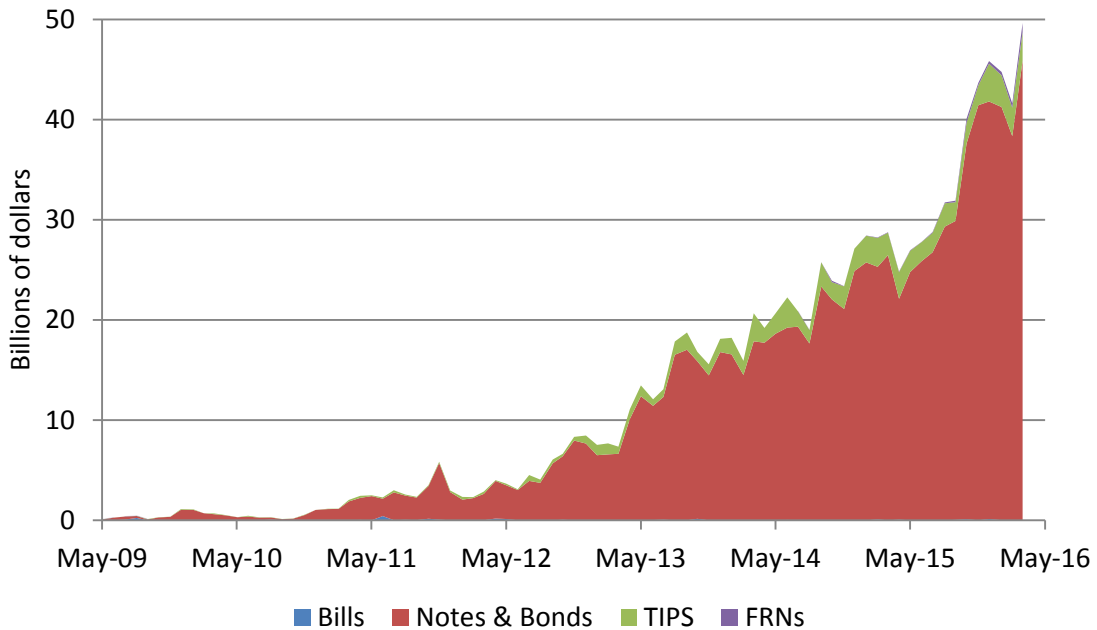
Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
Note: The chart shows the average daily length of new fails episodes by month for seasoned issues (securities issued more than 180 days prior).

### Concentration of Fails Is Decreasing



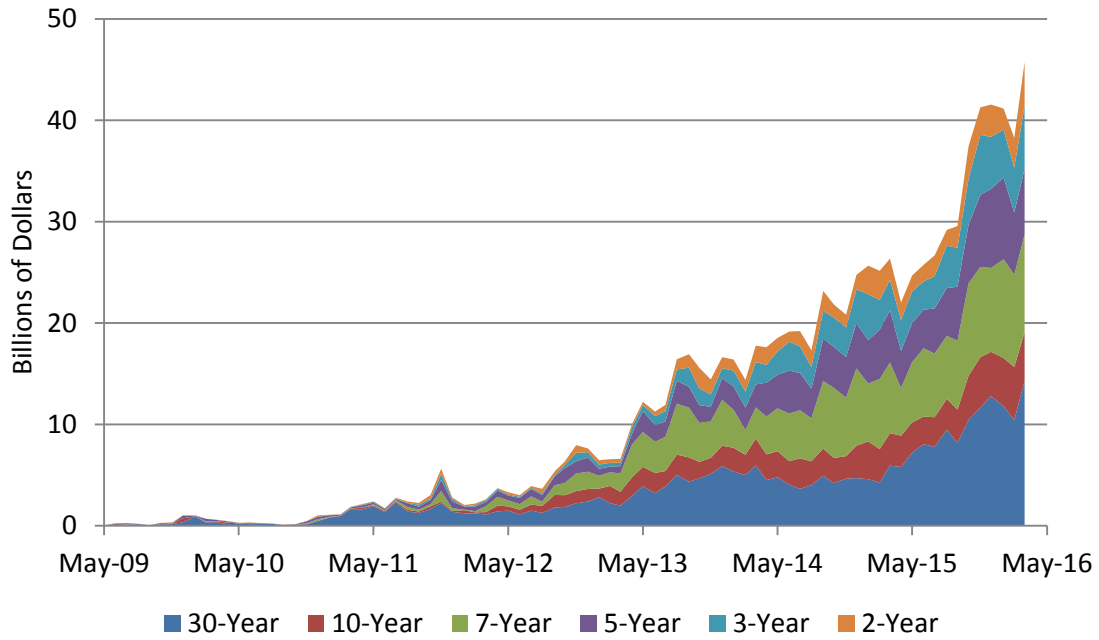
Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
 Note: The chart shows the average daily Herfindahl measure of fails by month for seasoned issues (securities issued more than 180 days prior).

### Seasoned Fails Are Concentrated in Coupon Securities



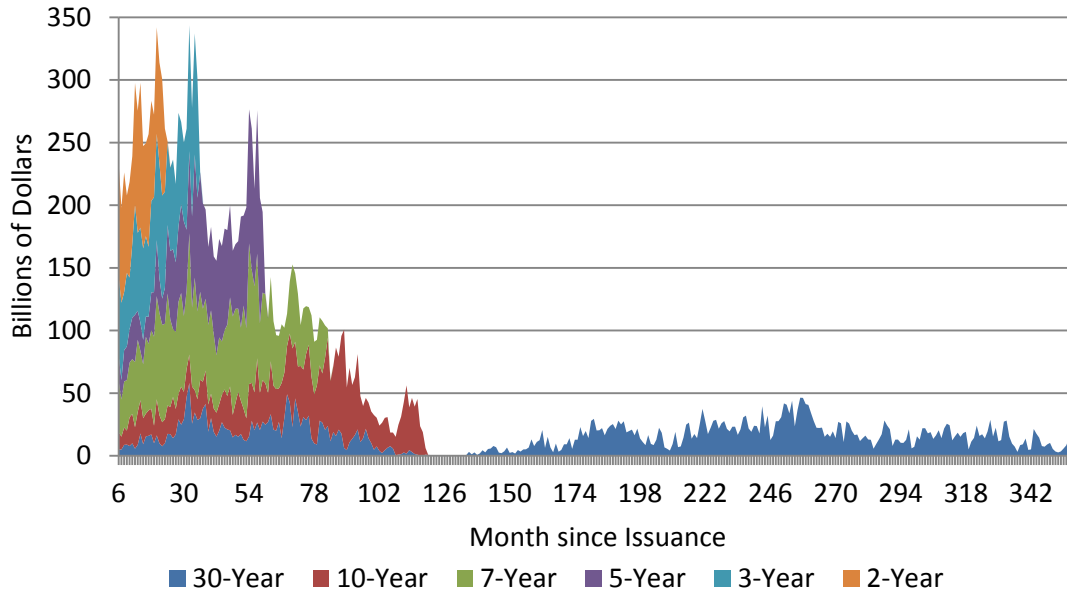
Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
 Notes: The chart shows average daily gross fails by month and security type for seasoned issues (securities issued more than 180 days prior). TIPS is Treasury Inflation-Protected Securities and FRNS is floating-rate notes.

### Fails are Distributed Across Different Tenors of Notes and Bonds



Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
 Note: The chart shows average daily gross fails by month and original maturity for seasoned notes and bonds (securities issued more than 180 days prior).

### Fails Are Widely Distributed across Different Vintages of Seasonedness



Source: Authors' calculations, based on data from the Depository Trust and Clearing Corporation.  
 Notes: The chart shows cumulative gross fails by month since issuance and original maturity for notes and bonds issued at least six months prior. The sample period is May 1, 2009, to March 31, 2016.