

Asset Services Sigma- Agent Performance Report

April 2018 Data

Executive Summary

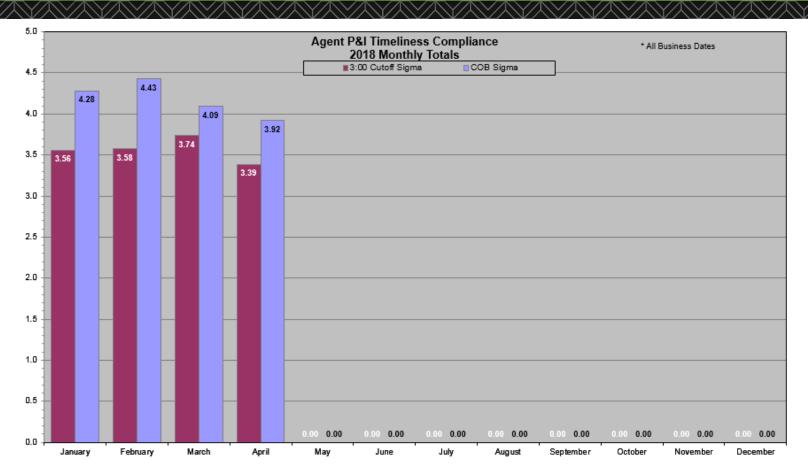
This report highlights the April 2018 performance of the top agents vs. industry targets. This report focuses on the following metrics:

Principal and Interest payment timeliness compliance - percentage of funds received from agents at cut-off (3:00pm ET) and at close of business (6:00pm ET), relative to the total dollars paid for the month. The Agent sigma performance for April 2018 was 3.39σ (97.05%). This month's performance is below the target of 3.67σ (98.50%).

Principal and Interest allocations on payable date - percentage of allocated dollars and CUSIPS, relative to the total expected dollars and CUSIPs allocated. The Agent sigma performance for April 2018 was 3.92σ (99.23%). This month's performance is above the target of 3.83σ (99.00%).

Please visit DTCC's web-site http://dtcc.com/asset-services/asset-services-performance-metrics.aspx for more detailed metric definitions and agent trend charts.

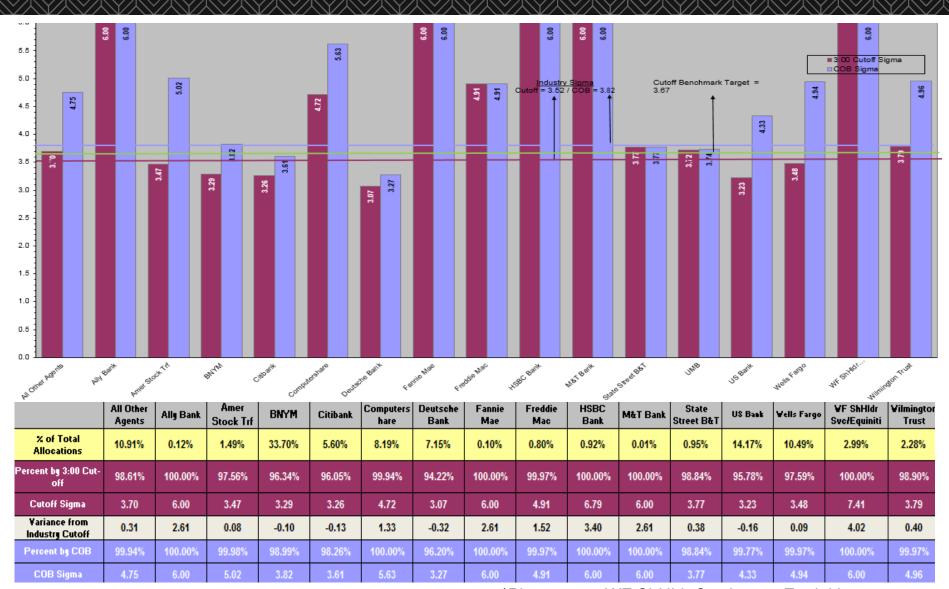
P&I Allocations Monthly Trend



	January	February	March	April	Mag	June	Julg	August	September	October	November	December	YTD
Percent by 3:00 Cut-off	98.03%	98.12%	98.73%	97.05%									97.97%
Cutoff Sigma	3.56	3.58	3.74	3.39									3.55
Percent by COB	99.73%	99.83%	99.52%	99.23%									99.56%
COB Sigma	4.28	4.43	4.09	3.92									4.12

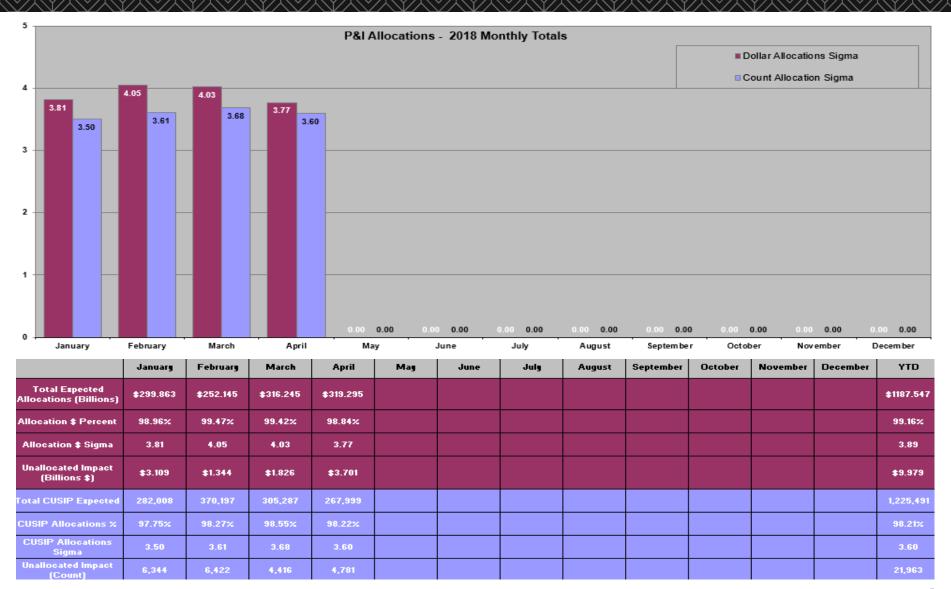
DTCC Internal (Green)

P&I Timeliness Compliance – Agent Performance

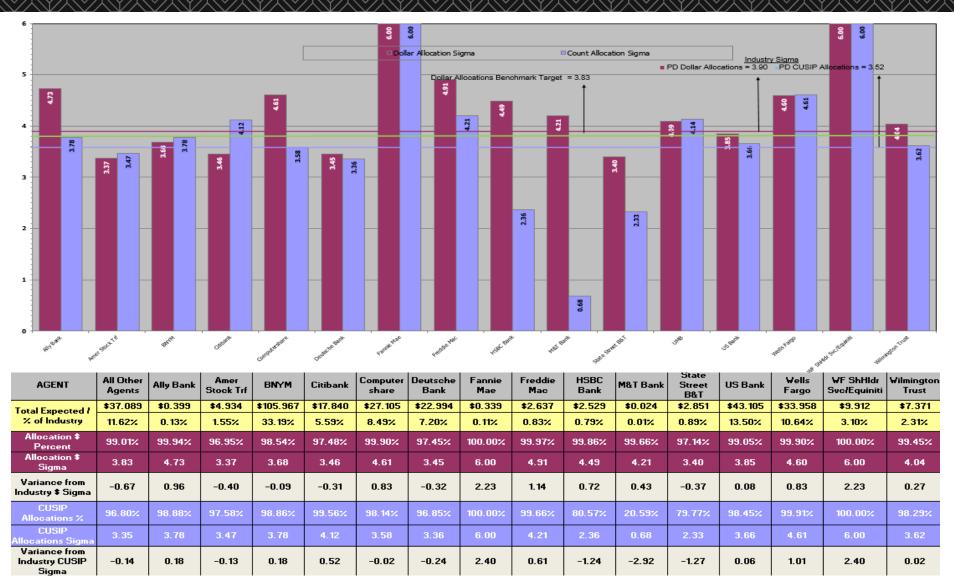


^{*}Please note WF ShHldr Svc is now Equiniti

P&I Allocations Monthly Trend



P&I Allocations – Agent Performance



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