

Asset Services Sigma- Agent Performance Report

May 2019 Data

Executive Summary

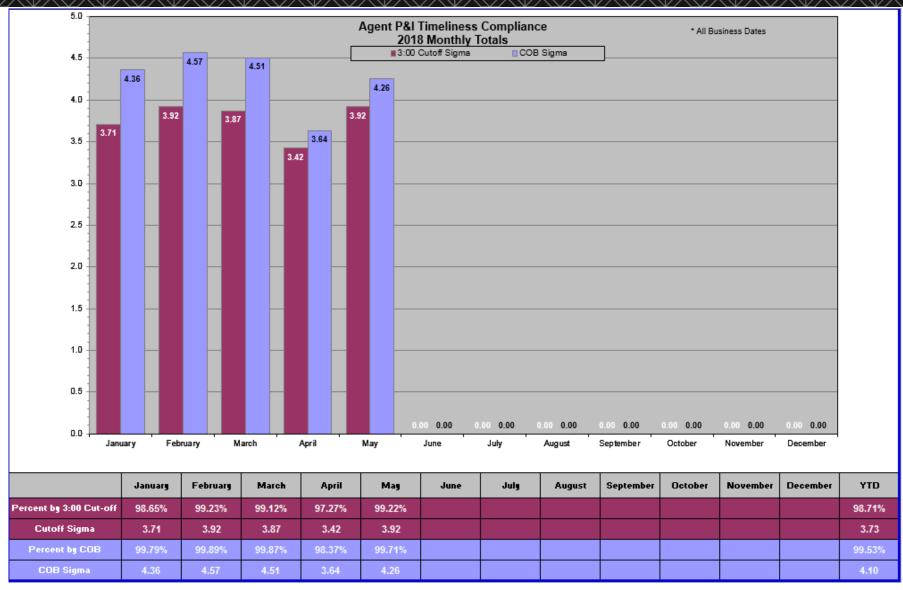
This report highlights the May 2019 performance of the top agents vs. industry targets. This report focuses on the following metrics:

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 May 2019 was 3.92σ 99.22%%. This month's performance is above 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 2019 was (Found in Column I of 4.16σ 99.60%. This month's performance is above the target of 3.83σ (99.00%).

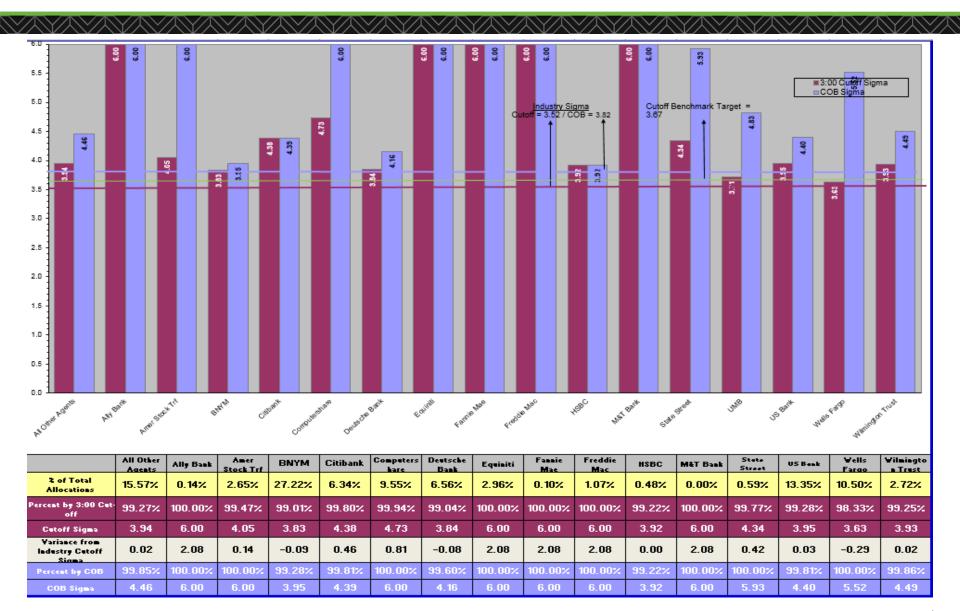
Please visit DTCC's web-site http://dtcc.com/asset-services/asset-services-performance-metrics.aspx for more detailed metric definitions and agent trend charts.

P&I Allocations Monthly Trend



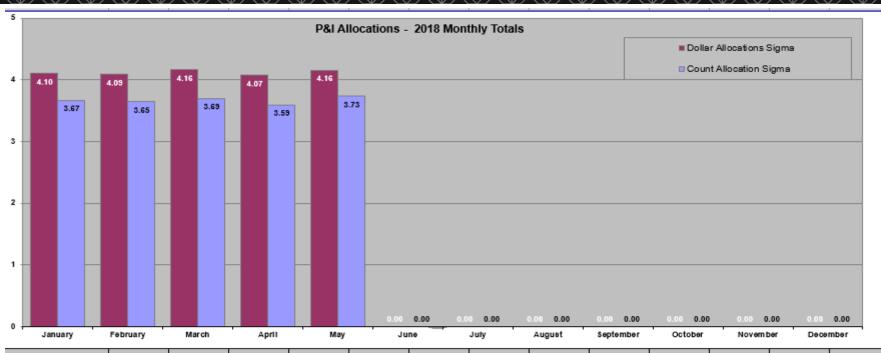
DTCC Internal (Green)

P&I Timeliness Compliance – Agent Performance



DTCC Internal (Green)

P&I Allocations Monthly Trend



	January	February	March	April	May	June	July	August	September	October	November	December	YTD
Total Expected Allocations (Billions)	\$273.662	\$258.606	\$333.572	\$281.044	\$304.396								\$1451.281
Allocation \$ Percent	99.542	99.52%	99.612	99.492	99.60%								99.562
Allocation \$ Sigma	4.10	4.09	4.16	4.07	4.16								4.12
Unallocated Impact (Billions \$)	\$1.272	\$1.253	\$1.296	\$1.423	\$1.204								\$6.448
Total CUSIP Expected	273,962	367,084	300,356	268,925	270,102								1,480,429
CUSIP Allocations &	98.49%	98.41%	98.58%	98.18%	98.72%								98.48%
CUSIP Allocations Sigma	3.67	3.65	3.69	3.59	3.73								3.66
Unallocated Impact (Count)	4,131	5,853	4,255	4,885	3,450								22,574

P&I Allocations – Agent Performance



DTCC Internal (Green)