



# ASSET SERVICES SIGMA- AGENT PERFORMANCE REPORT

April 2024

# Executive Summary

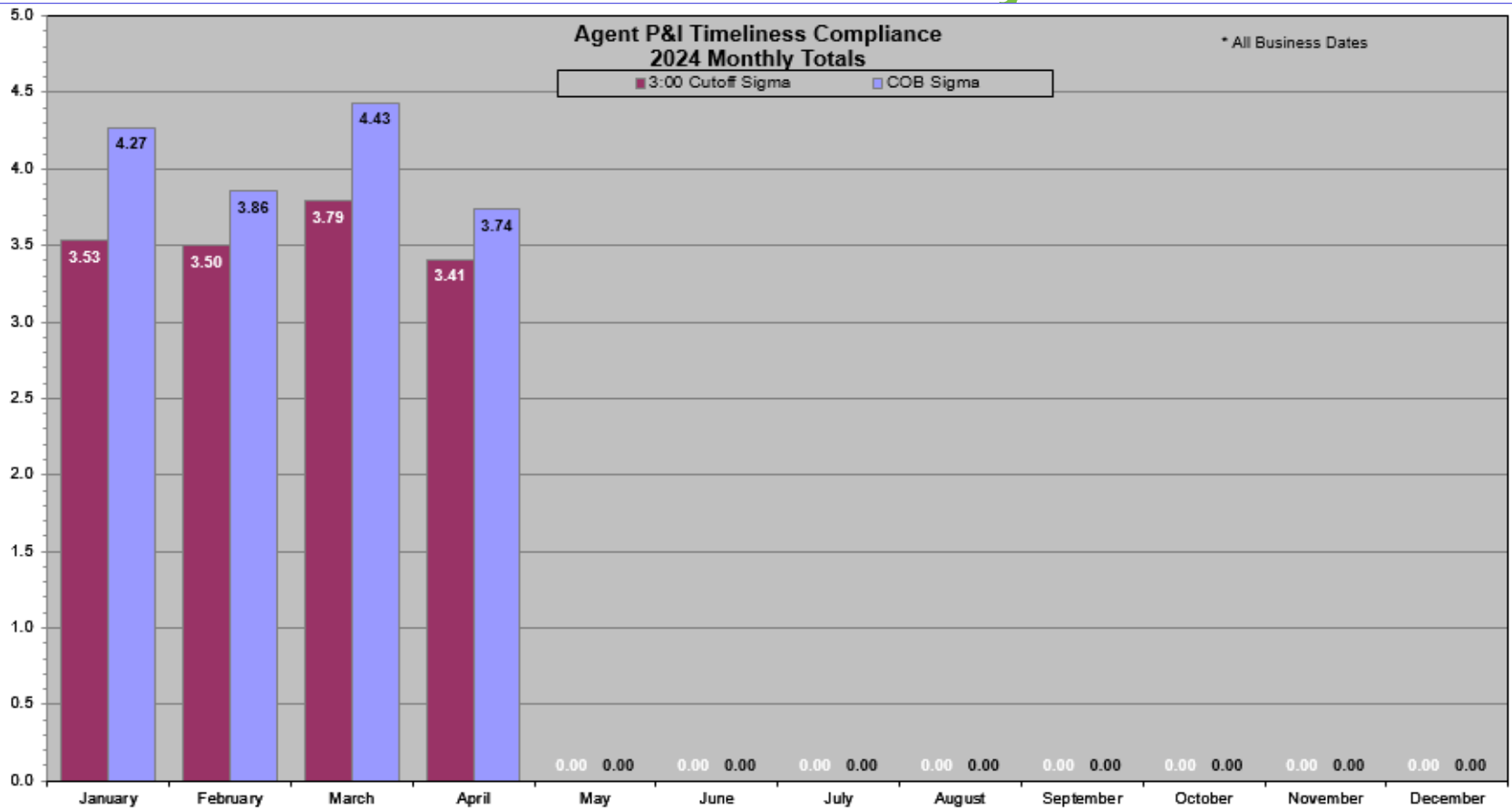
This report highlights the April 2024 performance of the top agents vs. industry targets. This report focuses on the following metrics:

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 2024 was  $3.41\sigma$  (97.19)%. This month's performance is below the target of  $3.67\sigma$  (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 2024 was  $3.81\sigma$  (98.97)%. This month's performance is below the target of  $3.83\sigma$  (99.00%).

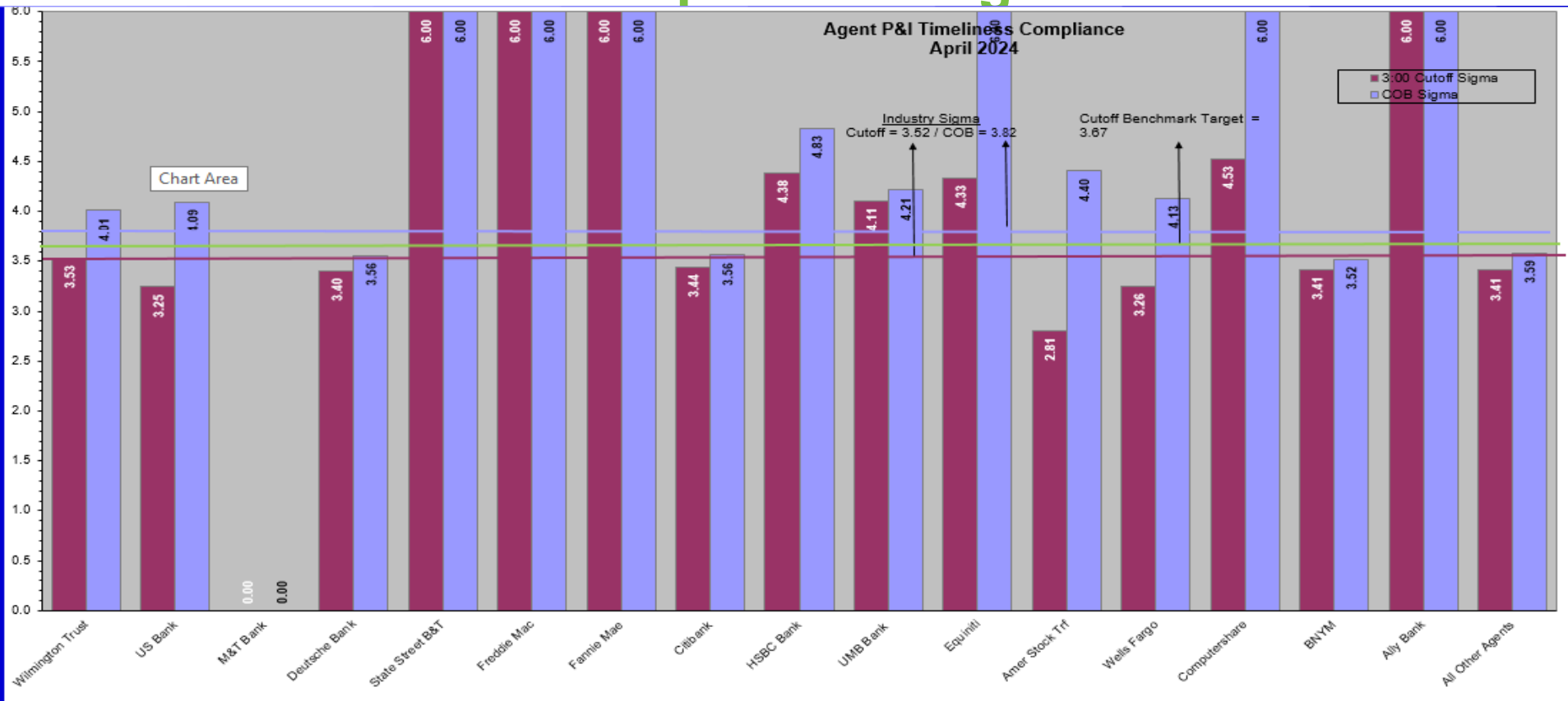
Please visit DTCC's web-site <http://dtcc.com/asset-services/asset-services-performance-metrics.aspx> for more detailed metric definitions and agent trend charts.

# P&I Allocations Monthly Trend



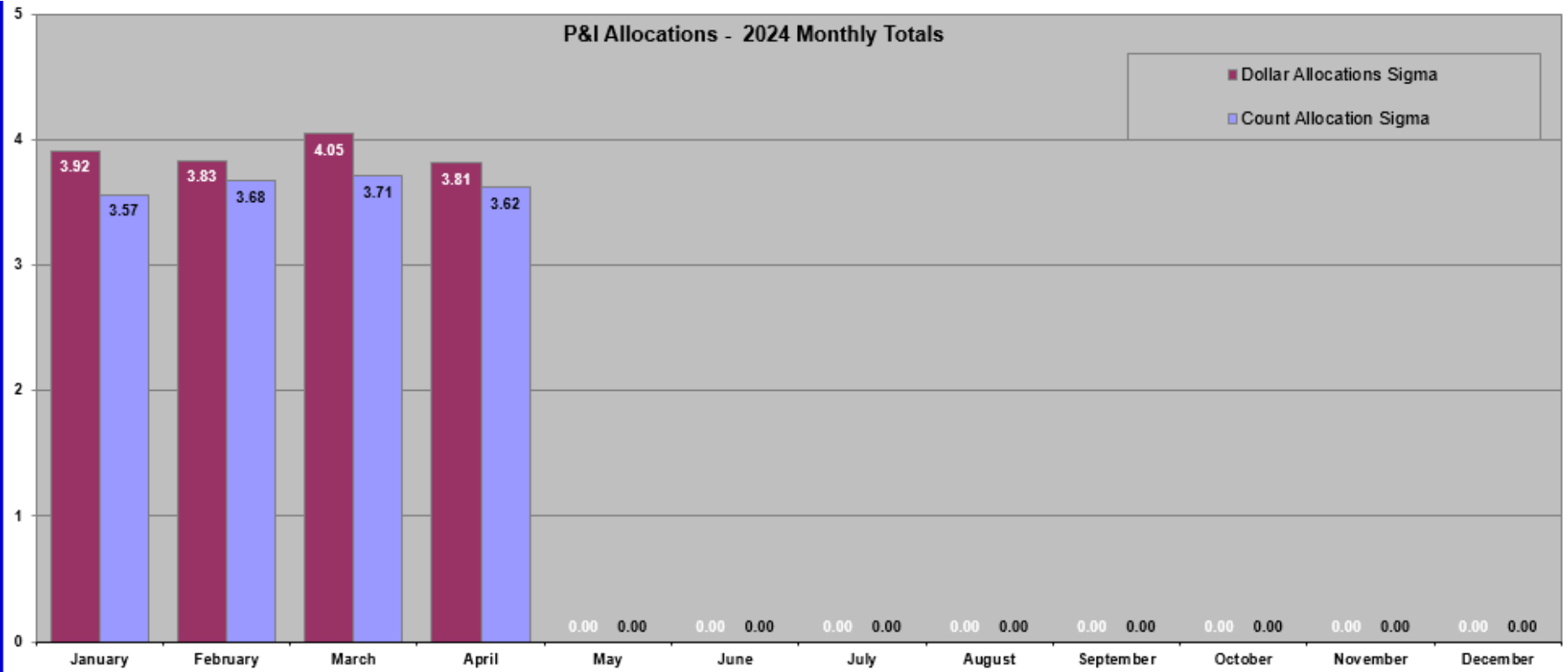
	January	February	March	April	May	June	July	August	September	October	November	December	YTD
Percent by 3:00 Cut-off	97.89%	97.74%	98.90%	97.19%									97.96%
Cutoff Sigma	3.53	3.50	3.79	3.41									3.55
Percent by COB	99.72%	99.08%	99.83%	98.75%									99.36%
COB Sigma	4.27	3.86	4.43	3.74									3.99

# P&I Timeliness Compliance – Agent Performance



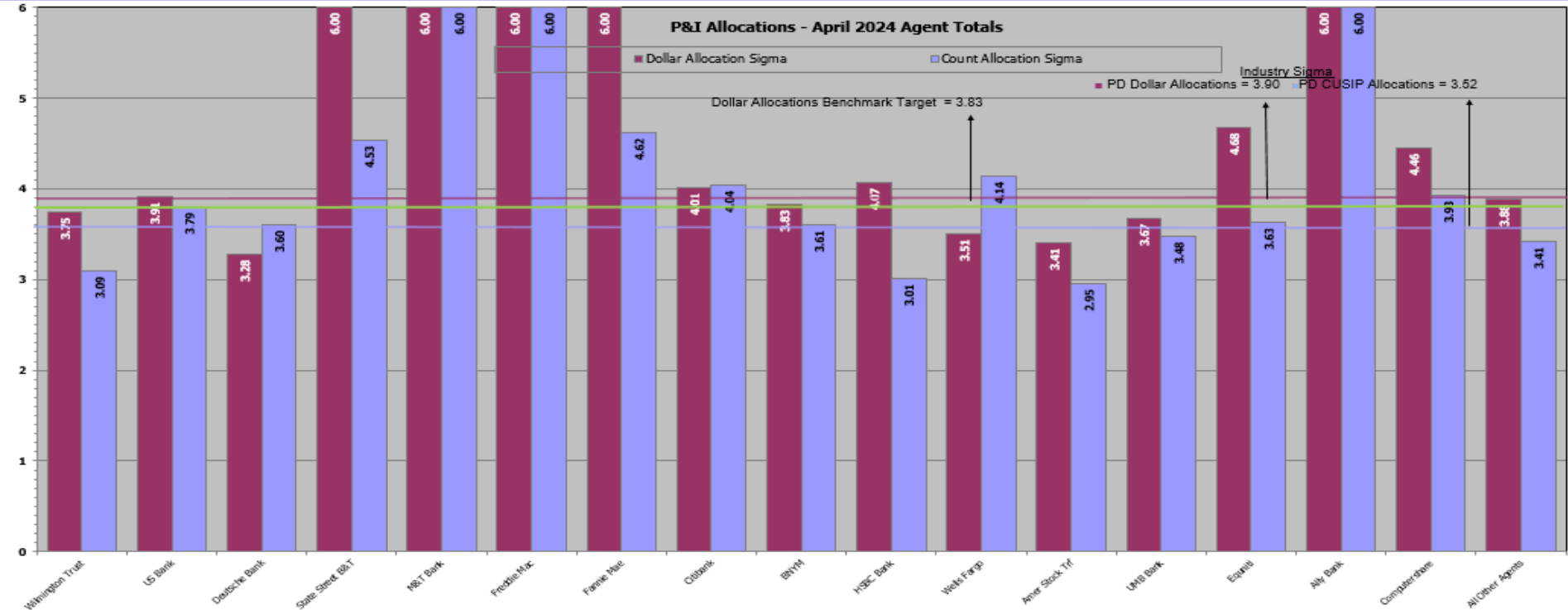
	Wilmington Trust	US Bank	M&T Bank	Deutsche Bank	State Street	Freddie Mac	Fannie Mae	Citibank	HSBC Bank	Equiniti	Amer Stock Trf	Wells Fargo	Computershare	BNYM	Ally Bank	All Other Agents
<b>% of Total Allocations</b>	3.07%	17.77%	0.00%	3.67%	1.63%	0.58%	0.04%	7.51%	0.36%	2.71%	1.49%	8.67%	7.87%	24.17%	0.24%	19.41%
<b>Percent by 3:00 Cutoff</b>	97.90%	95.96%	#DIV/0!	97.14%	100.00%	100.00%	100.00%	97.37%	99.80%	99.77%	90.42%	96.04%	99.88%	97.21%	100.00%	97.19%
<b>Cutoff Sigma</b>	3.53	3.25	#DIV/0!	3.40	6.00	6.00	6.00	3.44	4.38	4.33	2.81	3.26	4.53	3.41	6.00	3.41
<b>Variance from Industry Cutoff</b>	0.12	-0.16	#DIV/0!	-0.01	2.59	2.59	2.59	0.03	0.97	0.92	-0.60	-0.15	1.12	0.00	2.59	0.00
<b>Percent by COB</b>	99.40%	99.52%	#DIV/0!	98.01%	100.00%	100.00%	100.00%	98.05%	99.96%	100.00%	99.82%	99.57%	100.00%	97.81%	100.00%	98.16%
<b>COB Sigma</b>	4.01	4.09	#DIV/0!	3.56	6.00	6.00	6.00	3.56	4.83	6.00	4.40	4.13	6.00	3.52	6.00	3.59

P&I Allocations - 2024 Monthly Totals



	January	February	March	April	May	June	July	August	September	October	November	December	YTD
Total Expected Allocations (Billions)	\$393.955	\$350.516	\$490.694	\$442.904									\$1678.068
Allocation % Percent	99.21%	99.02%	99.46%	98.97%									99.18%
Allocation \$ Sigma	3.92	3.83	4.05	3.81									3.90
Unallocated Impact (Billions \$)	\$3.096	\$3.428	\$2.646	\$4.569									\$13.739
Total CUSIP Expected	286,566	373,594	317,837	278,865									1,256,862
CUSIP Allocations %	98.06%	98.52%	98.64%	98.29%									98.39%
CUSIP Allocations Sigma	3.57	3.68	3.71	3.62									3.64
Unallocated Impact (Count)	5,570	5,534	4,314	4,768									20,186

# P&I Allocations – Agent Performance



AGENT	Wilmington Trust	US Bank	Deutsche Bank	State Street B&T	M&T Bank	Freddie Mac	Fannie Mae	Citibank	BNYM	HSBC Bank	Wells Fargo	Amer Stock Trf	Equiniti	Allly Bank	Computer share	All Other Agents
<b>Total Expected / % of Industry</b>	<b>\$13.729</b>	<b>\$77.160</b>	<b>\$16.388</b>	<b>\$7.080</b>	<b>\$0.003</b>	<b>\$2.632</b>	<b>\$0.164</b>	<b>\$32.964</b>	<b>\$106.453</b>	<b>\$0.601</b>	<b>\$38.052</b>	<b>\$6.780</b>	<b>\$12.331</b>	<b>\$1.242</b>	<b>\$35.732</b>	<b>\$88.860</b>
	3.10%	17.42%	3.70%	1.60%	0.00%	0.59%	0.04%	7.44%	24.04%	0.14%	8.59%	1.53%	2.78%	0.28%	8.07%	20.06%
<b>Allocation \$ Percent</b>	98.76%	99.21%	96.23%	100.00%	100.00%	100.00%	100.00%	99.39%	99.01%	99.49%	97.76%	97.18%	99.93%	100.00%	99.84%	99.14%
<b>Allocation \$ Sigma</b>	3.75	3.91	3.28	6.00	6.00	6.00	6.00	4.01	3.83	4.07	3.51	3.41	4.68	6.00	4.46	3.88
<b>Variance from Industry \$ Sigma</b>	-0.07	0.10	-0.54	2.19	2.19	2.19	2.19	0.19	0.02	0.26	-0.31	-0.41	0.87	2.19	0.64	0.07
<b>CUSIP Allocations %</b>	94.43%	98.91%	98.20%	99.88%	100.00%	100.00%	99.91%	99.44%	98.24%	93.49%	99.58%	92.66%	98.32%	100.00%	99.25%	97.22%
<b>CUSIP Allocations Sigma</b>	3.09	3.79	3.60	4.53	6.00	6.00	4.62	4.04	3.61	3.01	4.14	2.95	3.63	6.00	3.93	3.41
<b>Variance from Industry CUSIP Sigma</b>	-0.53	0.18	-0.02	0.91	2.38	2.38	1.00	0.42	-0.01	-0.60	0.52	-0.67	0.01	2.38	0.32	-0.20