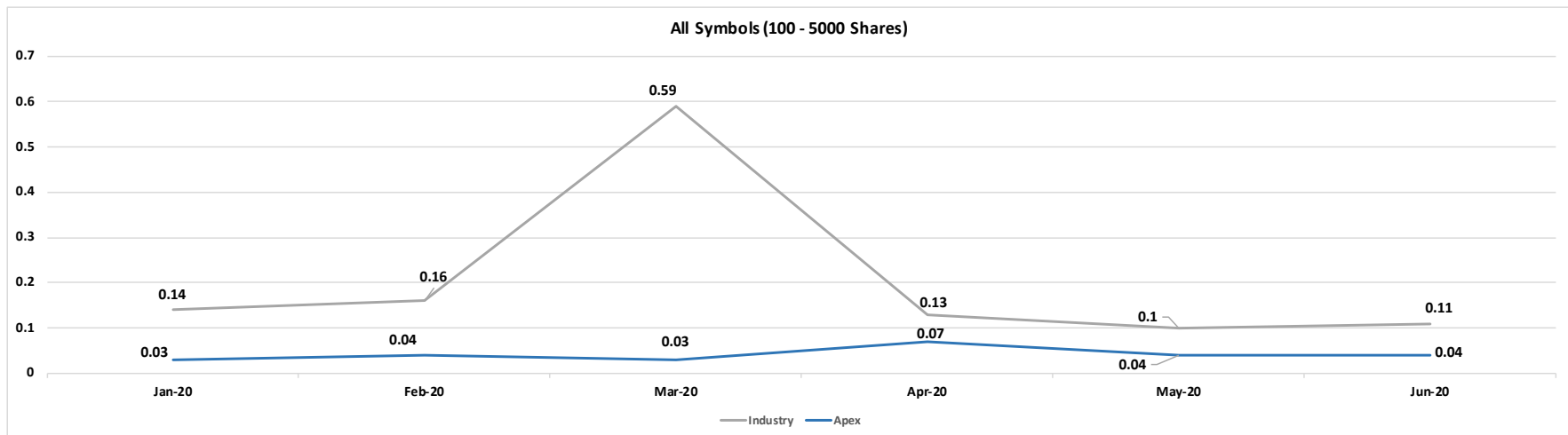
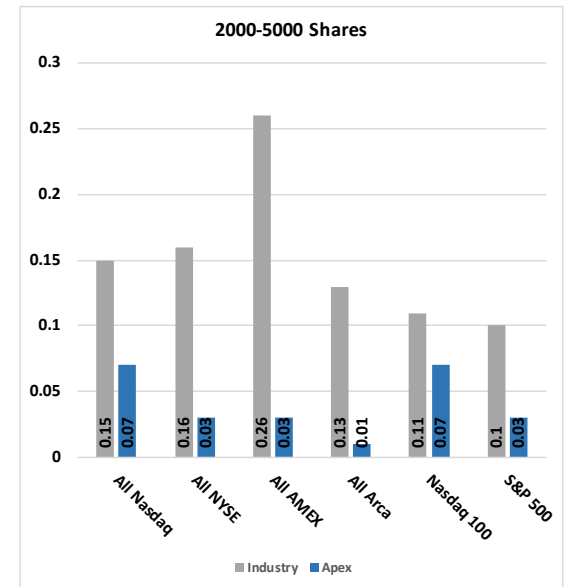
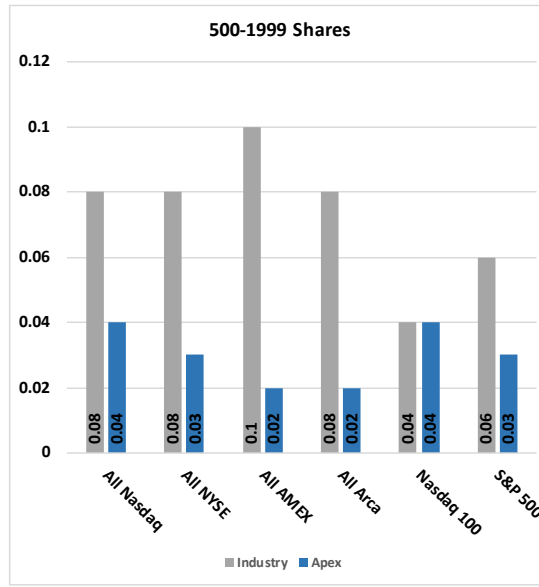
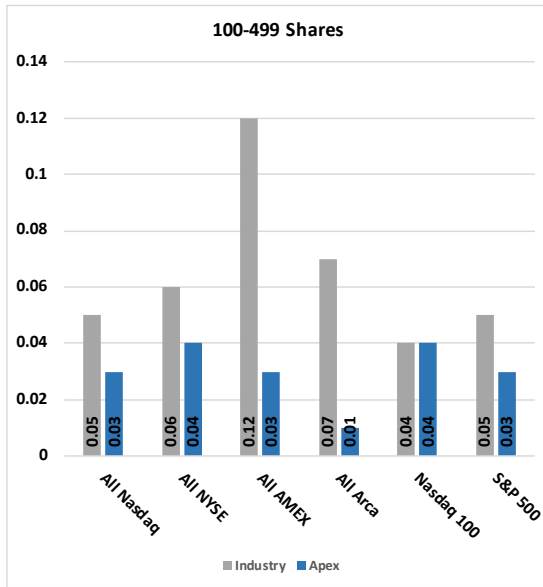
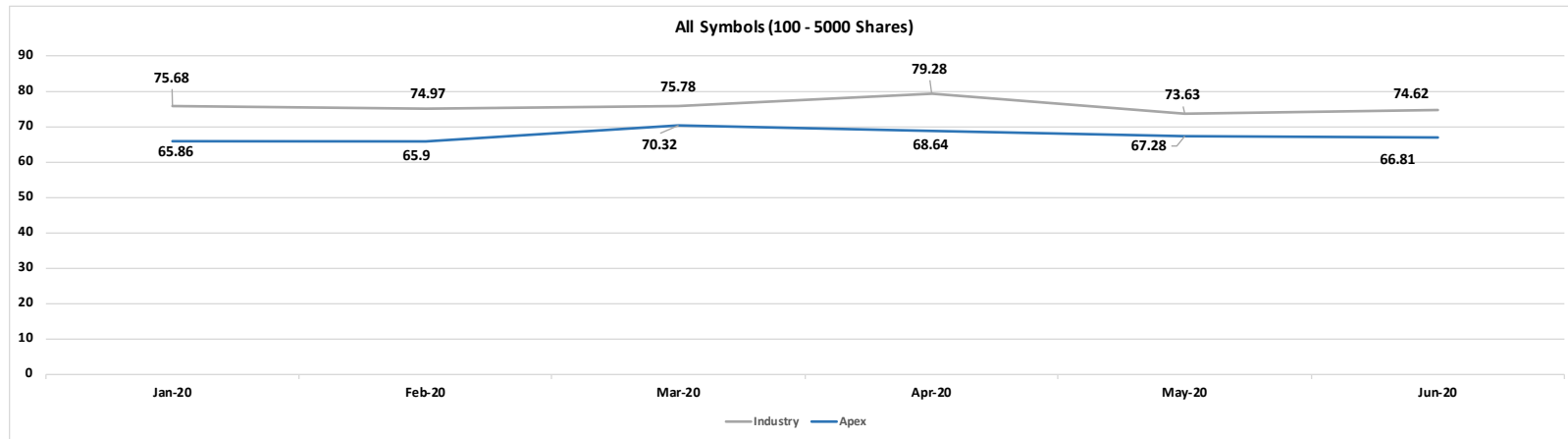
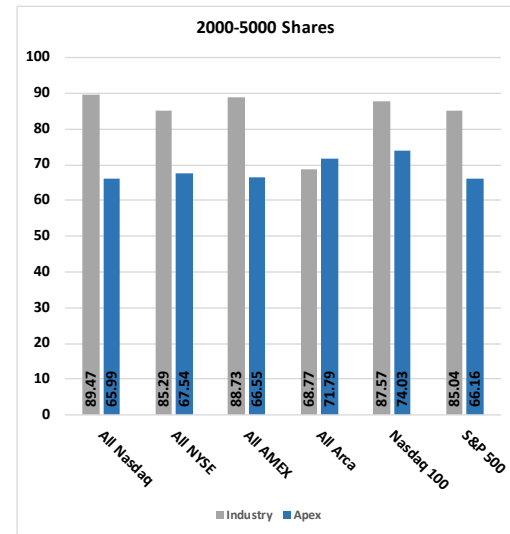
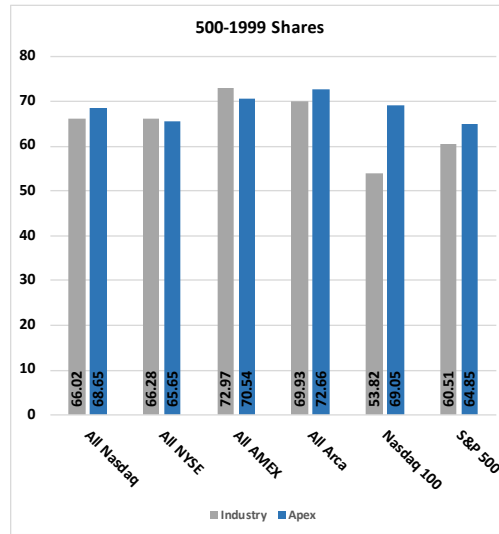
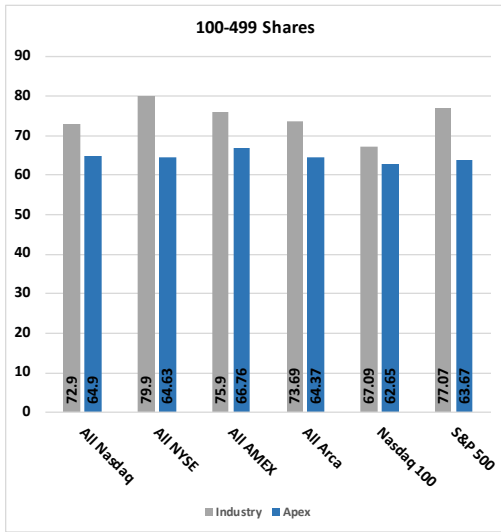


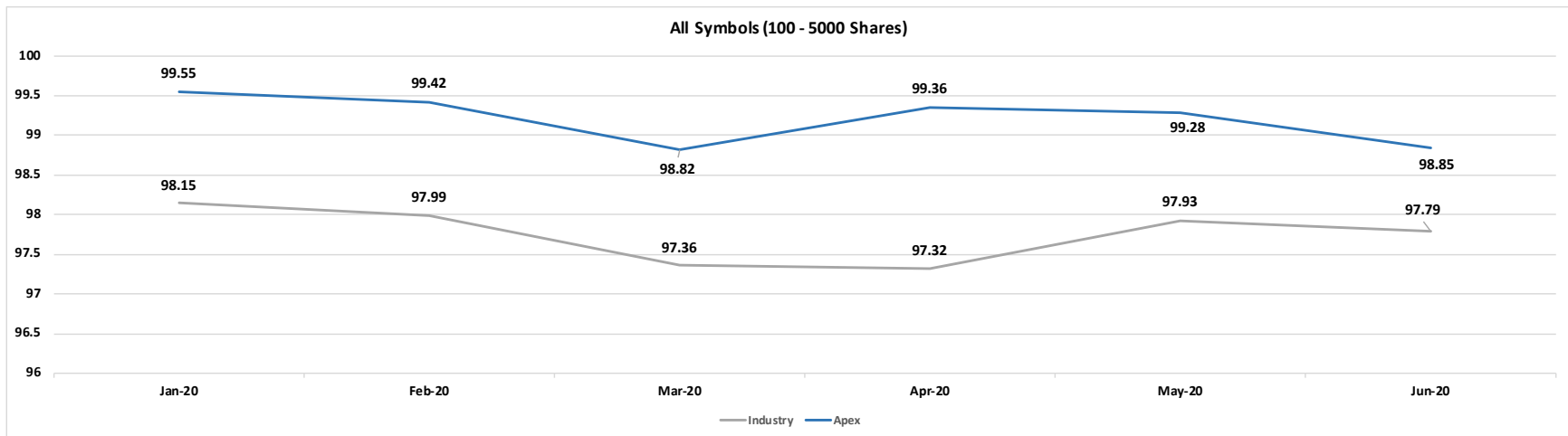
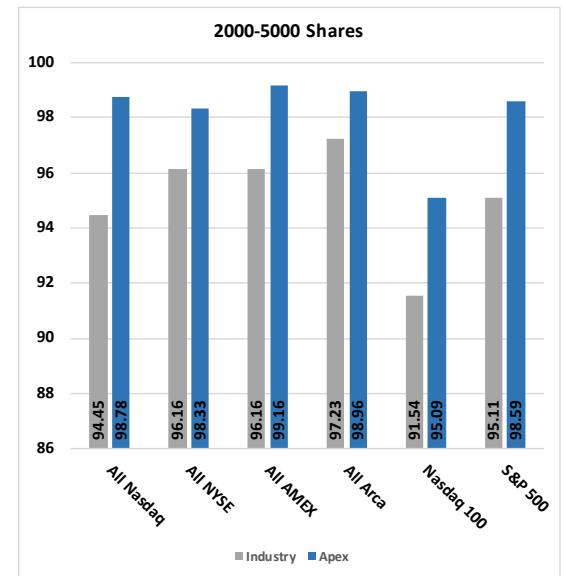
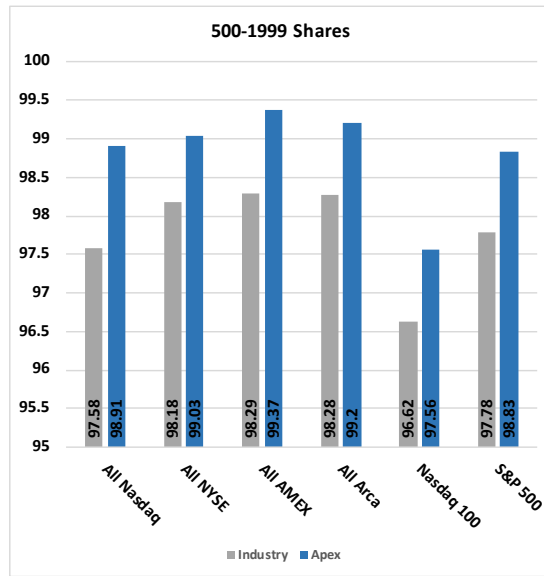
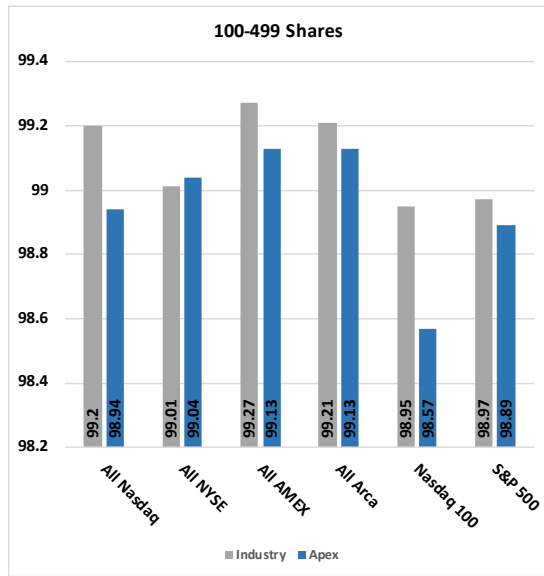
## Speed (seconds) June 2020



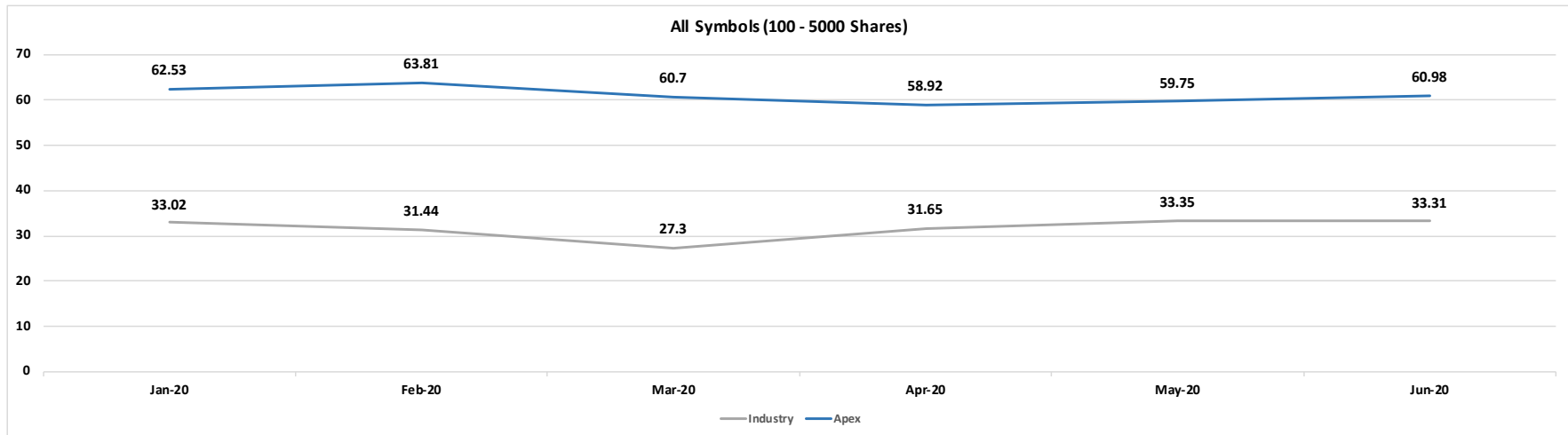
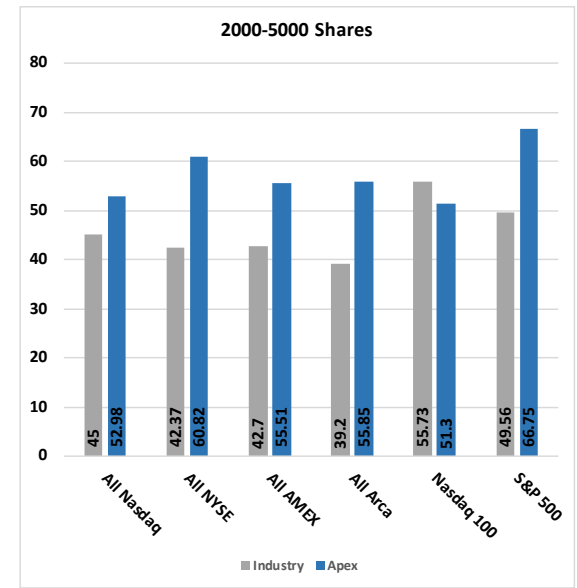
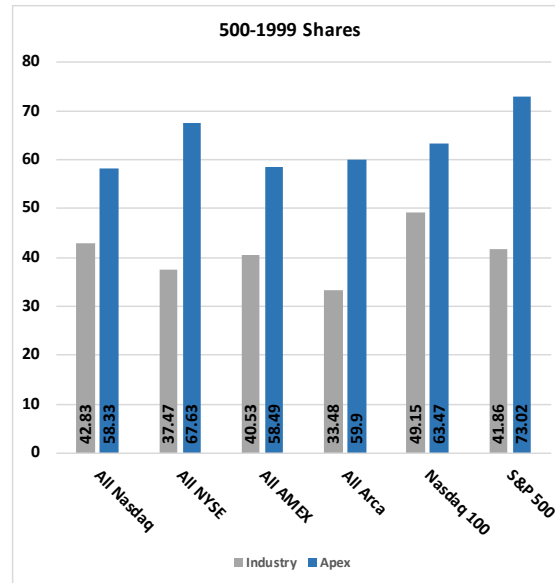
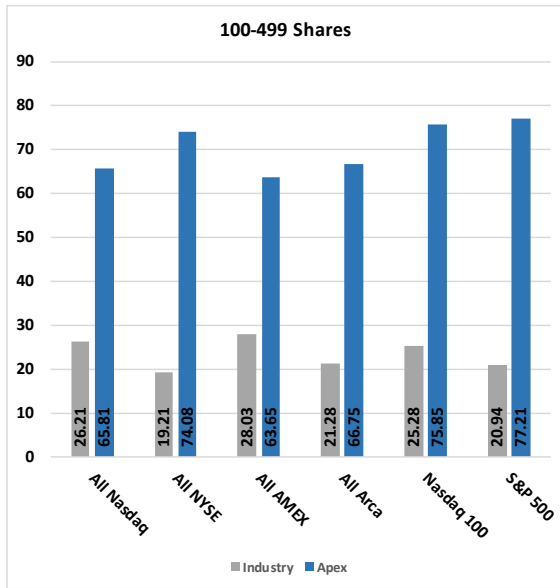
**Effective/Quoted  
June 2020**



**At Or Better  
June 2020**



**Price Improved  
June 2020**



100-499	Speed		EQ		AOB		PI	
	Industry	Apex	Industry	Apex	Industry	Apex	Industry	Apex
All Nasdaq	0.05	0.03	72.9	64.9	99.2	98.94	26.21	65.81
All NYSE	0.06	0.04	79.9	64.63	99.01	99.04	19.21	74.08
All AMEX	0.12	0.03	75.9	66.76	99.27	99.13	28.03	63.65
All Arca	0.07	0.01	73.69	64.37	99.21	99.13	21.28	66.75
Nasdaq 100	0.04	0.04	67.09	62.65	98.95	98.57	25.28	75.85
S&P 500	0.05	0.03	77.07	63.67	98.97	98.89	20.94	77.21

500-1999	Speed		EQ		AOB		PI	
	Industry	Apex	Industry	Apex	Industry	Apex	Industry	Apex
All Nasdaq	0.08	0.04	66.02	68.65	97.58	98.91	42.83	58.33
All NYSE	0.08	0.03	66.28	65.65	98.18	99.03	37.47	67.63
All AMEX	0.1	0.02	72.97	70.54	98.29	99.37	40.53	58.49
All Arca	0.08	0.02	69.93	72.66	98.28	99.2	33.48	59.9
Nasdaq 100	0.04	0.04	53.82	69.05	96.62	97.56	49.15	63.47
S&P 500	0.06	0.03	60.51	64.85	97.78	98.83	41.86	73.02

2000-5000	Speed		EQ		AOB		PI	
	Industry	Apex	Industry	Apex	Industry	Apex	Industry	Apex
All Nasdaq	0.15	0.07	89.47	65.99	94.45	98.78	45	52.98
All NYSE	0.16	0.03	85.29	67.54	96.16	98.33	42.37	60.82
All AMEX	0.26	0.03	88.73	66.55	96.16	99.16	42.7	55.51
All Arca	0.13	0.01	68.77	71.79	97.23	98.96	39.2	55.85
Nasdaq 100	0.11	0.07	87.57	74.03	91.54	95.09	55.73	51.3
S&P 500	0.1	0.03	85.04	66.16	95.11	98.59	49.56	66.75

100-5000	Speed		EQ		AOB		PI	
	Industry	Apex	Industry	Apex	Industry	Apex	Industry	Apex
Month								
Jan-20	0.14	0.03	75.68	65.86	98.15	99.55	33.02	62.53
Feb-20	0.16	0.04	74.97	65.9	97.99	99.42	31.44	63.81
Mar-20	0.59	0.03	75.78	70.32	97.36	98.82	27.3	60.7
Apr-20	0.13	0.07	79.28	68.64	97.32	99.36	31.65	58.92
May-20	0.1	0.04	73.63	67.28	97.93	99.28	33.35	59.75
Jun-20	0.11	0.04	74.62	66.81	97.79	98.85	33.31	60.98