Q2 2019 De-Escalation to Q3 2006

Quarter	Year	Trending	Esc. Mult Multiplier	De-Esc Mult Inverse
M07	1998	-0.100121	0.899879	1.11126
M07	1999	-0.097474	0.902526	1.108001
M07	2000	-0.094168	0.905832	1.103958
M07	2001	-0.091053	0.908947	1.100174
M07	2002	-0.089120	0.910880	1.097839
M07	2003	-0.087043	0.912957	1.095342
M07	2004	-0.072818	0.927182	1.078537
M07	2005	-0.065858	0.934142	1.070501
M07	2006	0	1	1
M10	2006	-0.015471	0.984529	1.015714
M01	2007	-0.013848	0.986152	1.014042
M04	2007	-0.012841	0.987159	1.013008
M07	2007	-0.000584	0.999416	1.000584
M10	2007	0.010755	1.010755	0.989359
M01	2008	0.011325	1.011325	0.988802
M04	2008	0.014916	1.014916	0.985303
M07	2008	0.032812	1.032812	0.968231
M10	2008	0.066705	1.066705	0.937466
M01	2009	0.05623976	1.05624	0.946755
M04	2009	0.049666	1.049666	0.952684
M07	2009	0.046880	1.046880	0.955219
M10	2009	0.043809	1.043809	0.95803
M01	2010	0.045606	1.045606	0.956383
M04	2010	0.047404	1.047404	0.954741
M07	2010	0.074659	1.074659	0.930528
M10	2010	0.090560	1.090560	0.91696
M01	2011	0.092724	1.092724	0.915144
M04	2011	0.100132	1.100132	0.908982
M07	2011	0.105417	1.105417	0.904636
M10	2011	0.119571	1.119571	0.893199
M01	2012	0.121383	1.121383	0.891756
M04	2012	0.124367	1.124367	0.88939
M07	2012	0.129914	1.129914	0.885023
M10	2012	0.137729	1.137729	0.878944
M01	2013	0.138291	1.138291	0.87851
M04	2013	0.141043	1.141043	0.876391
M07	2013	0.147070	1.147070	0.871787
M10	2013	0.147712	1.147712	0.871299
M01	2014	0.147395	1.147395	0.87154
M04	2014	0.149887	1.149887	0.86965
M07	2014	0.151310	1.15131	0.868576
M10	2014	0.174420	1.174420	0.851484
M01	2015	0.191835	1.191835	0.839042
M04	2015	0.184746	1.184746	0.844062
M07	2015	0.181364	1.181364	0.846479
M10	2015	0.181572	1.181572	0.846331

Quarter	Year	Trending	Esc. Mult Multiplier	De-Esc Mult Inverse
M01	2016	0.180113	1.180113	0.847376
M04	2016	0.198037	1.198037	0.834699
M07	2016	0.248203	1.248203	0.801152
M10	2016	0.248685	1.248685	0.800843
M01	2017	0.254820	1.254820	0.796927
M04	2017	0.267278	1.267278	0.789093
M07	2017	0.292072	1.292072	0.773951
M10	2017	0.327849	1.327849	0.753098
M01	2018	0.330822	1.330822	0.751415
M04	2018	0.332463	1.332463	0.75049
M07	2018	0.356729	1.356729	0.737067
M10	2018	0.344986	1.344986	0.743502
M01	2019	0.347320	1.347320	0.742214
M04	2019	0.348840	1.348840	0.741378
M07	2019	1.008638	1.360492	0.735028
M10	2019	1.008638	1.372244	0.728734
M01	2020	1.008638	1.384097	0.722493
M04	2020	1.008638	1.396053	0.716305
M07	2020	1.008638	1.408112	0.710171
M10	2020	1.008638	1.420275	0.704089
M01	2021	1.008638	1.432544	0.698059
M04	2021	1.008638	1.444918	0.692081
M07	2021	1.008638	1.457399	0.686154
M10	2021	1.008638	1.469988	0.680278
M01	2022	1.008638	1.482686	0.674452
M04	2022	1.008638	1.495493	0.668676
M07	2022	1.008638	1.508411	0.662949
M10	2022	1.008638	1.521441	0.657272
M01	2023	1.008638	1.534583	0.651643
M04	2023	1.008638	1.547839	0.646062
M07	2023	1.008638	1.561209	0.640529
M10	2023	1.008638	1.574695	0.635044
M01	2024	1.008638	1.588297	0.629605
M04	2024	1.008638	1.602017	0.624213
M07	2024	1.008638	1.615855	0.618867
M10	2024	1.008638	1.629813	0.613567

Quarter	Year	Trending	Esc. Mult Multiplier	De-Esc Mult Inverse
M01	2025	1.008638	1.643891	0.608313
M04	2025	1.008638	1.658091	0.603103
M07	2025	1.008638	1.672414	0.597938
M10	2025	1.008638	1.68686	0.592817
M01	2026	1.008638	1.701431	0.587741
M04	2026	1.008638	1.716128	0.582707
M07	2026	1.008638	1.730952	0.577717
M10	2026	1.008638	1.745904	0.572769
M01	2027	1.008638	1.760985	0.567864
M04	2027	1.008638	1.776196	0.563001
M07	2027	1.008638	1.791539	0.558179
M10	2027	1.008638	1.807015	0.553399
M01	2028	1.008638	1.822623	0.54866
M04	2028	1.008638	1.838367	0.543961
M07	2028	1.008638	1.854247	0.539302
M10	2028	1.008638	1.870264	0.534684
M01	2029	1.008638	1.886419	0.530105
M04	2029	1.008638	1.902714	0.525565
M07	2029	1.008638	1.91915	0.521064
M10	2029	1.008638	1.935728	0.516602
M01	2030	1.008638	1.952448	0.512177
M04	2030	1.008638	1.969314	0.507791
M07	2030	1.008638	1.986325	0.503442
M10	2030	1.008638	2.003482	0.499131
M01	2031	1.008638	2.020789	0.494856
M04	2031	1.008638	2.038244	0.490618
M07	2031	1.008638	2.05585	0.486417
M10	2031	1.008638	2.073609	0.482251
M01	2032	1.008638	2.091521	0.478121
M04	2032	1.008638	2.109587	0.474026
M07	2032	1.008638	2.12781	0.469967
M10	2032	1.008638	2.14619	0.465942
M01	2033	1.008638	2.164729	0.461952
M04	2033	1.008638	2.183428	0.457995
M07	2033	1.008638	2.202288	0.454073
M10	2033	1.008638	2.221311	0.450184

Quarter	Year	Trending	Esc. Mult Multiplier	De-Esc Mult Inverse
M01	2034	1.008638	2.240499	0.446329
M04	2034	1.008638	2.259853	0.442507
M07	2034	1.008638	2.279373	0.438717
M10	2034	1.008638	2.299062	0.43496
M01	2035	1.008638	2.318922	0.431235
M04	2035	1.008638	2.338953	0.427542
M07	2035	1.008638	2.359156	0.42388
M10	2035	1.008638	2.379535	0.42025
M01	2036	1.008638	2.400089	0.416651
M04	2036	1.008638	2.420821	0.413083
M07	2036	1.008638	2.441732	0.409545
M10	2036	1.008638	2.462824	0.406038
M01	2037	1.008638	2.484098	0.402561
M04	2037	1.008638	2.505555	0.399113
M07	2037	1.008638	2.527198	0.395695
M10	2037	1.008638	2.549028	0.392306
M01	2038	1.008638	2.571047	0.388947
M04	2038	1.008638	2.593256	0.385616
M07	2038	1.008638	2.615656	0.382313
M10	2038	1.008638	2.63825	0.379039
M01	2039	1.008638	2.661039	0.375793
M04	2039	1.008638	2.684025	0.372575
M07	2039	1.008638	2.70721	0.369384
M10	2039	1.008638	2.730595	0.366221
M01	2040	1.008638	2.754182	0.363084
M04	2040	1.008638	2.777972	0.359975
M07	2040	1.008638	2.801969	0.356892
M10	2040	1.008638	2.826172	0.353836
M01	2041	1.008638	2.850584	0.350805
M04	2041	1.008638	2.875208	0.347801
M07	2041	1.008638	2.900044	0.344822
M10	2041	1.008638	2.925094	0.341869
M01	2042	1.008638	2.950361	0.338942
M04	2042	1.008638	2.975847	0.336039
M07	2042	1.008638	3.001552	0.333161
M10	2042	1.008638	3.027479	0.330308

Quarter	Year	Trending	Esc. Mult Multiplier	De-Esc Mult Inverse
M01	2043	1.008638	3.053631	0.327479
M04	2043	1.008638	3.080008	0.324674
M07	2043	1.008638	3.106613	0.321894
M10	2043	1.008638	3.133448	0.319137
M01	2044	1.008638	3.160515	0.316404
M04	2044	1.008638	3.187815	0.313694
M07	2044	1.008638	3.215352	0.311008
M10	2044	1.008638	3.243126	0.308344
M01	2045	1.008638	3.27114	0.305704
M04	2045	1.008638	3.299396	0.303086
M07	2045	1.008638	3.327896	0.30049
M10	2045	1.008638	3.356643	0.297917
M01	2046	1.008638	3.385637	0.295365
M04	2046	1.008638	3.414882	0.292836
M07	2046	1.008638	3.44438	0.290328
M10	2046	1.008638	3.474133	0.287842
M01	2047	1.008638	3.504142	0.285377
M04	2047	1.008638	3.534411	0.282933
M07	2047	1.008638	3.564941	0.28051
M10	2047	1.008638	3.595735	0.278107
M01	2048	1.008638	3.626795	0.275726
M04	2048	1.008638	3.658124	0.273364
M07	2048	1.008638	3.689722	0.271023
M10	2048	1.008638	3.721594	0.268702
M01	2049	1.008638	3.753741	0.266401
M04	2049	1.008638	3.786166	0.264119
M07	2049	1.008638	3.818871	0.261857
M10	2049	1.008638	3.851859	0.259615
M01	2050	1.008638	3.885131	0.257392
M04	2050	1.008638	3.918691	0.255187
M07	2050	1.008638	3.95254	0.253002
M10	2050	1.008638	3.986682	0.250835
M01	2051	1.008638	4.021119	0.248687
M04	2051	1.008638	4.055854	0.246557
M07	2051	1.008638	4.090888	0.244446
M10	2051	1.008638	4.126225	0.242352

Quarter	Year	Trending	Esc. Mult Multiplier	De-Esc Mult Inverse
M01	2052	1.008638	4.161868	0.240277
M04	2052	1.008638	4.197818	0.238219
M07	2052	1.008638	4.234079	0.236179
M10	2052	1.008638	4.270653	0.234156
M01	2053	1.008638	4.307542	0.232151
M04	2053	1.008638	4.344751	0.230163
M07	2053	1.008638	4.382281	0.228192
M10	2053	1.008638	4.420135	0.226237
M01	2054	1.008638	4.458316	0.2243
M04	2054	1.008638	4.496827	0.222379
M07	2054	1.008638	4.535671	0.220475
M10	2054	1.008638	4.57485	0.218586
M01	2055	1.008638	4.614367	0.216714
M04	2055	1.008638	4.654226	0.214858
M07	2055	1.008638	4.69443	0.213018
M10	2055	1.008638	4.73498	0.211194
M01	2056	1.008638	4.775881	0.209385
M04	2056	1.008638	4.817135	0.207592
M07	2056	1.008638	4.858745	0.205814
M10	2056	1.008638	4.900715	0.204052
M01	2057	1.008638	4.943047	0.202304
M04	2057	1.008638	4.985745	0.200572
M07	2057	1.008638	5.028812	0.198854
M10	2057	1.008638	5.072251	0.197151
M01	2058	1.008638	5.116065	0.195463
M04	2058	1.008638	5.160258	0.193789
M07	2058	1.008638	5.204832	0.192129
M10	2058	1.008638	5.249792	0.190484
M01	2059	1.008638	5.295139	0.188852
M04	2059	1.008638	5.340879	0.187235
M07	2059	1.008638	5.387013	0.185632
M10	2059	1.008638	5.433546	0.184042
M01	2060	1.008638	5.480481	0.182466
M04	2060	1.008638	5.527822	0.180903
M07	2060	1.008638	5.575571	0.179354
M10	2060	1.008638	5.623733	0.177818

Quarter	Year	Trending	Esc. Mult Multiplier	De-Esc Mult Inverse
M01	2061	1.008638	5.67231	0.176295
M04	2061	1.008638	5.721308	0.174785
M07	2061	1.008638	5.770729	0.173288
M10	2061	1.008638	5.820576	0.171804
M01	2062	1.008638	5.870854	0.170333
M04	2062	1.008638	5.921567	0.168874
M07	2062	1.008638	5.972717	0.167428
M10	2062	1.008638	6.02431	0.165994
M01	2063	1.008638	6.076348	0.164573
M04	2063	1.008638	6.128835	0.163163
M07	2063	1.008638	6.181776	0.161766
M10	2063	1.008638	6.235174	0.16038
M01	2064	1.008638	6.289033	0.159007
M04	2064	1.008638	6.343358	0.157645
M07	2064	1.008638	6.398152	0.156295
M10	2064	1.008638	6.453419	0.154957
M01	2065	1.008638	6.509164	0.15363
M04	2065	1.008638	6.56539	0.152314
M07	2065	1.008638	6.622102	0.151009
M10	2065	1.008638	6.679304	0.149716
M01	2066	1.008638	6.736999	0.148434
M04	2066	1.008638	6.795194	0.147163
M07	2066	1.008638	6.853891	0.145903
M10	2066	1.008638	6.913094	0.144653
M01	2067	1.008638	6.97281	0.143414
M04	2067	1.008638	7.033041	0.142186
M07	2067	1.008638	7.093792	0.140968
M10	2067	1.008638	7.155069	0.139761
M01	2068	1.008638	7.216874	0.138564
M04	2068	1.008638	7.279213	0.137377
M07	2068	1.008638	7.342091	0.136201
M10	2068	1.008638	7.405512	0.135035
M01	2069	1.008638	7.469481	0.133878
M04	2069	1.008638	7.534002	0.132732
M07	2069	1.008638	7.599081	0.131595
M10	2069	1.008638	7.664722	0.130468