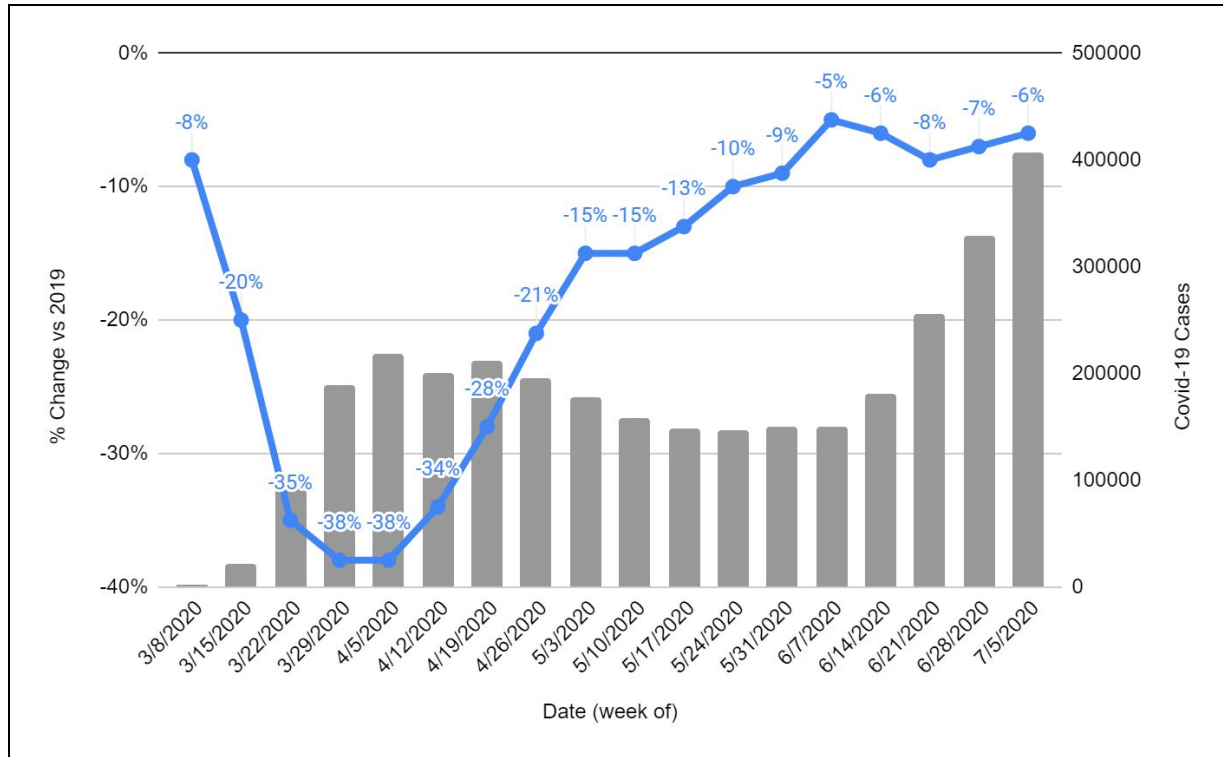


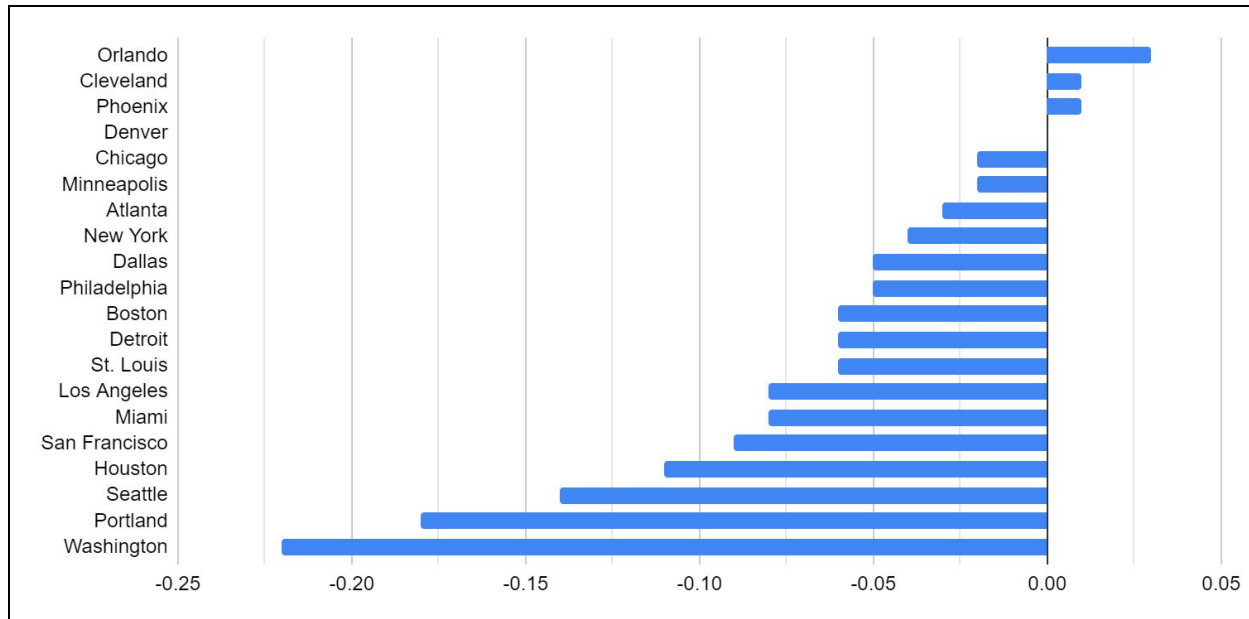
The Pulse of the Aftermarket

A White Paper Series by [Aftermarket Analytics](#) and [Full Throttle Technologies](#)

National Pulse: For the week of July 5, national RO was down -6%, just 1% better than our forecast of -7%. Covid-19 cases are up sharply again this week at 406k (+23% versus the previous week). Our RO forecast for next week is steady at -7% versus 2019.



Market Pulse: ORL (+3%) stayed at the top with CLE (+1%) and PHX (+1%) close behind. DC (-22%) improved slightly but remained at the very bottom just below PDX and SEA.



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Forecast

Market level forecasts improved over last week with mean absolute deviation (MAD) at 4.1% vs 5.9%. We hit the mark in MIN and NYC and missed by only 1% in HOU and PHI. CLE and PHX surprised on the upside and MIA surprised on the downside. Severe thunderstorms with heavy rain and hail are expected across the Central Plains tonight with temperatures cooling later in the week. New England will also see heavy rain and possible flooding. New Covid-19 cases are still racing higher and Sunbelt cities are getting hit hard with the highest rates in PHX, MIA and ORL followed by LAX, DAL, ATL. Note the "Change" column compares CV Rate vs last week.

Market		Week of Jul 6			Week of Jul 13			
		Actual	Forecast	Error	Forecast	Weather	CV Rate	Change
Atlanta	ATL	-0.03	-0.01	-0.02	-0.05	91/74 Sunny	2.53	+0.61
Boston	BOS	-0.06	0.00	-0.06	-0.03	73/63 Cloudy	0.40	+0.01
Chicago	CHI	-0.02	0.04	-0.06	0.02	81/71 Cloudy	0.95	+0.14
Cleveland	CLE	0.01	-0.10	+0.11	-0.05	83/73 Sunny	1.24	+0.33
Dallas	DAL	-0.05	-0.06	+0.01	-0.06	99/80 Sunny	2.46	+1.00
Denver	DEN	0.00	-0.01	+0.01	0.00	94/65 Cloudy	0.70	+0.20
Detroit	DET	-0.06	-0.02	-0.04	-0.05	86/69 Cloudy	0.50	+0.16
Houston	HOU	-0.11	-0.10	-0.01	-0.12	95/78 Cloudy	3.00	+0.32
Los Angeles	LAX	-0.08	-0.04	-0.04	-0.06	80/62 Cloudy	3.03	+0.52
Miami	MIA	-0.08	0.02	-0.10	-0.04	87/79 TStrms	6.03	+1.05
Minneapolis	MIN	-0.02	-0.02	0.00	-0.02	86/68 Cloudy	0.96	+0.36
New York	NYC	-0.04	-0.04	0.00	-0.06	78/70 Cloudy	0.55	-0.09
Orlando	ORL	0.03	0.00	+0.03	0.00	91/77 TStrms	5.53	-0.15
Philadelphia	PHI	-0.05	-0.06	+0.01	-0.07	85/70 Cloudy	0.79	+0.04
Phoenix	PHX	0.01	-0.08	+0.09	-0.02	110/87 Sunny	7.04	+0.67
Portland	PDX	-0.18	-0.15	-0.03	-0.19	82/62 Sunny	0.70	+0.16
San Francisco	SFO	-0.09	-0.17	+0.08	-0.11	67/53 Sunny	1.38	+0.12
Seattle	SEA	-0.14	-0.19	+0.05	-0.16	73/60 Sunny	0.72	+0.13
St. Louis	STL	-0.06	-0.08	+0.02	-0.08	90/73 Cloudy	0.85	+0.53
Washington	DC	-0.22	-0.26	+0.04	-0.23	90/74 Cloudy	0.81	+0.05
US		-0.07	-0.08	+0.01	-0.07	-		
MAD				0.041				

Actual and Forecast values are in terms of percent change (-0.11 = -11%) from the same week in 2019. CV Rate column displays Covid-19 cases per 1,000 population over the past 2 weeks (Source: NYTimes). Change column displays the change in Covid-19 rate from previous week..

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