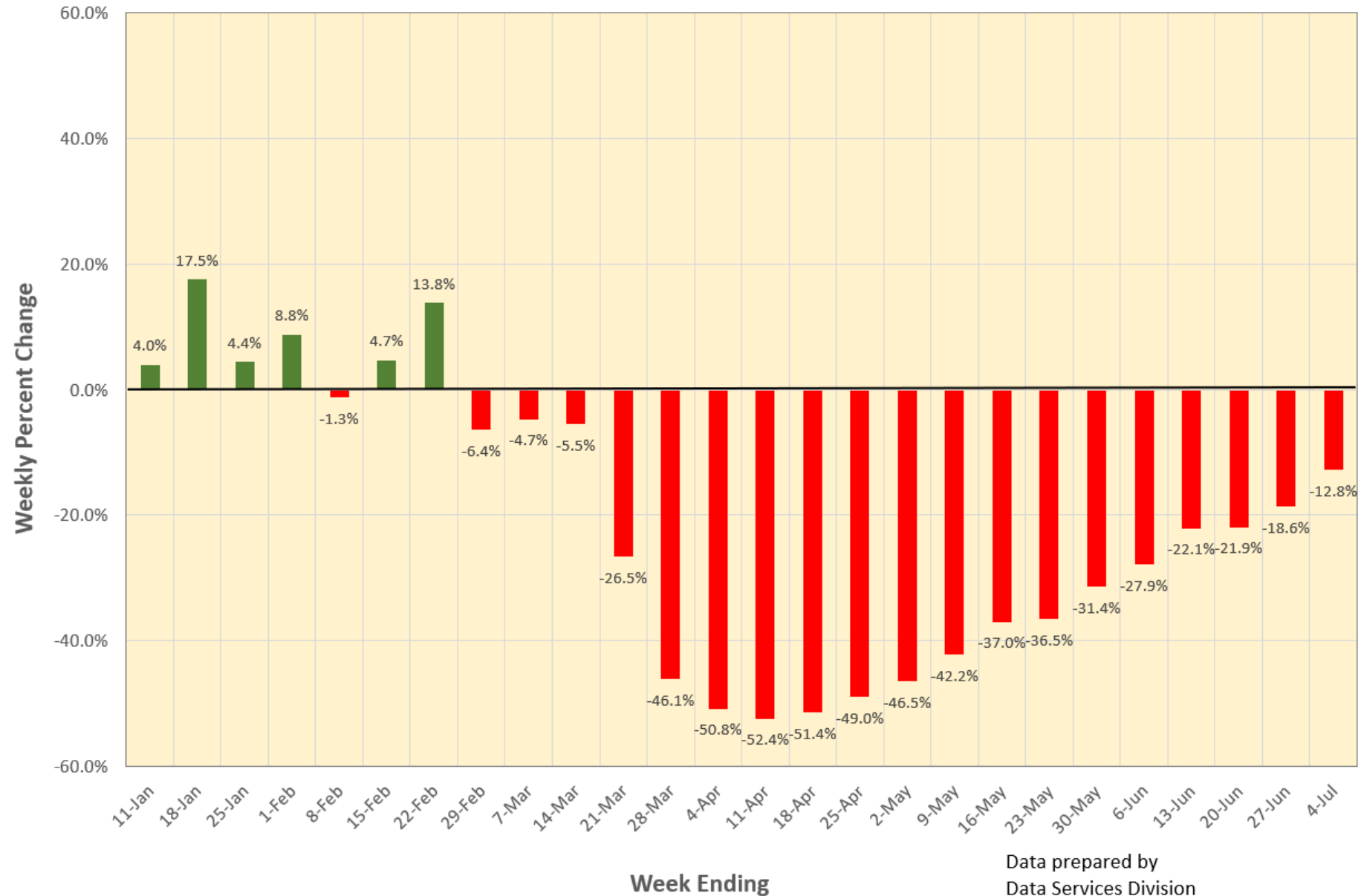


Covid 19 Pandemic Traffic Impacts

Multimodal Transportation Board

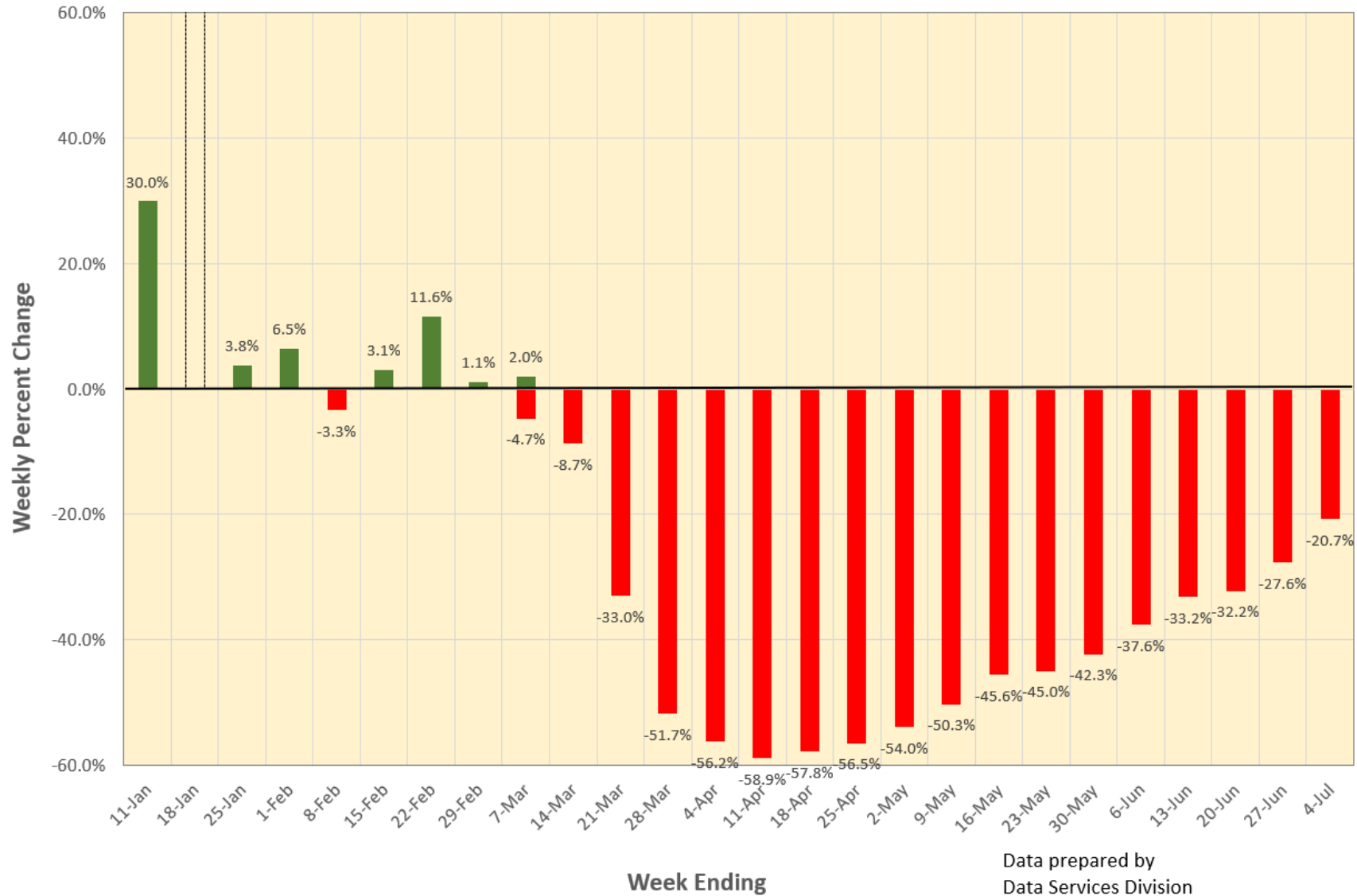
July 28, 2020

Weekly Changes at Permanent Counters (ATR) from 2019 to 2020



Weekly Changes at Permanent Counters (ATR) from 2019 to 2020

Howard County



Data prepared by
 Data Services Division
 Office of Planning and Preliminary Engineering

March 16th to April 17th, 2019 & March 16th to April 17th, 2020 Speeding Stops Comparison

	<u>2019</u>			<u>2020</u>			
	Count	Speeding Stops	% of Total	Count	Speeding Stops	% of Total	% Change
0-9 MPH Over Speed Limit	39	804	4.9%	1	68	1.5%	-3.4% Decrease
10-19 MPH Over Speed Limit	165	804	20.5%	7	68	10.3%	-10.2% Decrease
20-29 MPH Over Speed Limit	446	804	55.5%	20	68	29.4%	-26.1% Decrease
30-39 MPH Over Speed Limit	73	804	9.1%	20	68	29.4%	20.3% Increase
40-49 MPH Over Speed Limit	17	804	2.1%	3	68	4.4%	2.3% Increase
50 MPH+ Over Speed Limit	4	804	0.5%	2	68	2.9%	2.4% Increase
Blank Value in Actual Speed	60	804	7.5%	15	68	22.1%	14.6% Increase

- During the first month of the Safer at Home orders, 68 speeding drivers were stopped and cited which is 92% lower than the same time period in 2019 (n=804). However, the proportion of all speeding stops where excessive speed was cited increased from 11.7% in 2019 to 36.7% in 2020.
- Although there were fewer speeding drivers stopped during the first month of the Safer at Home period, there was a 25% increase in extremely excessive speed violations (30+ MPH over speed limit).

April 18th to May 20th, 2019 & April 18th to May 20th, 2020 Speeding Stops Comparison

	<u>2019</u>			<u>2020</u>			
	Count	Speeding Stops	% of Total	Count	Speeding Stops	% of Total	% Change
0-9 MPH Over Speed Limit	11	641	1.7%	13	370	3.51%	1.8% Increase
10-19 MPH Over Speed Limit	84	641	13.1%	58	370	15.68%	2.6% Increase
20-29 MPH Over Speed Limit	384	641	59.9%	178	370	48.11%	-11.8% Decrease
30-39 MPH Over Speed Limit	76	641	11.9%	75	370	20.27%	8.4% Increase
40-49 MPH Over Speed Limit	9	641	1.4%	18	370	4.86%	3.5% Increase
50 MPH+ Over Speed Limit	8	641	1.2%	6	370	1.62%	0.4% Increase
Blank Value in Actual Speed	69	641	10.8%	22	370	5.95%	-4.8% Decrease

- During the second month of the Safer at Home orders, 370 speeding drivers were stopped and cited which is 42% lower than the same time period in 2019 (n=641). This shows an increase in the number of violations issued and the proportion of all speeding stops where excessive speed was cited increased from 14.5% in 2019 to 26.8% in 2020.
- Although there were fewer speeding drivers stopped during the second month of the Safer at Home period, there was still a 12.3% increase in extremely excessive speed violations (30+ MPH over speed limit).

March 16th to April 17th, 2019 & March 16th to April 17th, 2020 Impaired Stops Comparison

	<u>2019</u>			<u>2020</u>				
	Count	Total Stops	% of Total	Count	Total Stops	% of Total	% Change	
TA 21-902(A1I)	54	2,716	2.0%	10	117	8.5%	6.6%	Increase
TA 21-902(A1II)	7	2,716	0.3%	1	117	0.9%	0.6%	Increase
TA 21-902(B1I)	5	2,716	0.2%	2	117	1.7%	1.5%	Increase
TA 21-902(C1I)	7	2,716	0.3%	2	117	1.7%	1.5%	Increase
TA 21-902(D1I)	4	2,716	0.1%	1	117	0.9%	0.7%	Increase
Total Impaired Stops	77	2,716	2.8%	16	117	13.7%	10.8%	Increase

- During the first month of the Safer at Home orders, 117 impaired drivers were arrested which is 96% lower than the same time period in 2019 (n=2,716). These stops include impairment by drugs and/or alcohol.

April 18th to May 20th, 2019 & April 18th to May 20th, 2020 Impaired Stops Comparison

	<u>2019</u>			<u>2020</u>				
	Count	Total Stops	% of Total	Count	Total Stops	% of Total	% Change	
TA 21-902(A1I)	64	2,179	2.9%	14	880	1.6%	-1.3%	Decrease
TA 21-902(A1II)	3	2,179	0.1%	1	880	0.1%	0.0%	No Change
TA 21-902(A2I)	0	2,179	0.0%	1	880	0.1%	0.1%	Increase
TA 21-902(B1I)	4	2,179	0.2%	4	880	0.5%	0.3%	Increase
TA 21-902(C1I)	9	2,179	0.4%	1	880	0.1%	-0.3%	Decrease
TA 21-902(D1I)	2	2,179	0.1%	1	880	0.1%	0.0%	No Change
Total Impaired Stops	82	2,179	3.8%	22	880	2.5%	-1.3%	Decrease

- During the second month of the Safer at Home orders, 880 impaired drivers were arrested which is 60% lower than the same time period in 2019 (n=2,179). This shows an increase in the number of impaired driving arrests, which include impairment by drugs and/or alcohol.