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As the COVID-19 outbreak accelerated across states during the first week of April, grocery shopping continued to be affected. Produce sales at retail remained highly elevated during the week ending April 5, while the foodservice side continued to see deep declines. 210 Analytics, IRI and PMA partnered up to understand the effect for produce in dollars and volume throughout the pandemic.

The fundamentally different consumer engagement with produce amid COVID19 continued to show a three-way split of the produce dollar between fresh, frozen and shelf-stable during the week of April 5.

- Fresh produce increased 14.2% over the comparable week in 2019.
- Frozen, +47.4%
- Shelf-stable, +48.1%

Source: IRI, Total US, MULO, week ending April 5, 2020

"Sales for the first week in April were likely influenced by the earlier Easter and a higher everyday demand that is driving a new baseline that sits well above the old normal," said Joe Watson, VP of Membership and Engagement for the Produce Marketing Association (PMA). "At the same time, sales results must be seen against the backdrop of many

stores having shortened opening hours, closed service departments, metered entry of shoppers, purchase limitations on popular items and continued out-of-stocks for others. Also think about the effects of cancelled events like March Madness on popular produce used in entertaining."

Fresh Produce

The March dollar growth trend line for fresh fruit shows very strong results for the week endings March 15 and March 22. The subsequent two weeks continued to have highly elevated sales, particularly for fresh vegetables. Compared with the same week in 2019, fresh produce generated an additional \$170 million in sales, of which \$129 million was generated by vegetables. It is important to point out that stockouts and purchase limits may have affected reported gains. Additionally, distributors are finding creative ways of going consumer-direct and some restaurants now selling groceries. Those sales are not reflected in these numbers.

Weekly dollar growth over the comparable week in 2019



Source: IRI, Total U.S., MULO, 1 week % change vs. YA

The all important question is how much of a role price played in all this, with the heavily reduced foodservice demand providing ample produce supply. At the onset of coronavirus in the U.S., dollar and volume sales were relatively close together for total produce, at +0.4% for dollars and +1.3% in volume. Starting with the week ending March 22, volume sales far exceeded dollar sales, which would indicate deflation setting in at retail for some areas. For the week of April 5, volume increases exceeded dollars by nearly five percentage points.



Weekly dollar and volume growth total produce (fixed & random weight) over the comparable week in 2019



Source: IRI, Total U.S., MULO, 1 week % change vs. YA

The gap was widest for vegetables, particularly the last two weeks. For the week ending April 5, volume sales gains for vegetables were more than 10 points higher than dollar growth.

	Growth over comparable week in 2019 for week ending							
	3/1/2020	3/8/2020	3/15/2020	3/22/2020	3/29/2020	4/5/2020		
Total vegetables								
Dollars	1.4%	5.0%	40.9%	39.2%	15.2%	21.4%		
Volume	0.0%	5.5%	46.7%	56.9%	25.8%	31.8%		
Total fruit								
Dollars	-0.7%	2.6%	28.4%	21.1%	1.5%	7.4%		
Volume	2.6%	3.9%	29.7%	23.3%	3.6%	8.5%		

Source: IRI, Total U.S., MULO, 1 week % change vs. YA

For the fourth week in a row, potatoes were the growth leader in absolute dollars, selling \$35 million more than in the comparable week in 2019, or +66.9%. Others that gained big in dollars were berries (+\$17 million), onions and tomatoes (+\$15 million, each) and oranges (+\$14 million). However, at the category level, big differences between dollars and volume were observed for some fruits and vegetables as well. "Avocados, onions and carrots are three big ones that jump out at me," said Watson. "Others outside the top 10 in absolute dollar growth were limes (16 percentage point volume/dollar gap), asparagus (13 points), Brussels sprouts (14 points), cabbage (12 points) and celery (30 points). Celery has been a top seller amid the juicing trend, but for the week of April 5, dollars are down 3% whereas volume sales were up 27%."



Top 10 produce items in absolute dollar growth week ending 4/5/2020	Dollar growth week ending 4/5/2020	Volume growth week ending 4/5/2020
Potatoes	+66.9%	+59.3%
Berries	+13.1%	+11.5%
Onions	+37.1%	+53.9%
Tomatoes	+21.4%	+16.1%
Oranges	+60.5%	+70.1%
Lettuce	+7.0%	+8.7%
Peppers	+21.8%	+26.8%
Avocados	+19.6%	+2.0%
Bananas	+10.4%	+10.5%
Carrots	+25.0%	+33.9%

Source: IRI, Total U.S., MULO, 1 week % change vs. YA

Fresh Fruit

Fresh fruit sales growth rebounded to an increase of 7.4%. Berries saw the biggest gain in absolute dollars, up \$17 million over the week of April 5 versus the comparable week in 2019. Oranges were right behind, up nearly \$14 million in comparable week sales, representing a 60.5% increase. Other big contributors in dollars avocados (+\$9 million or +19.6%), bananas (+\$6.5 million or +10.4%) and lemons (+\$6 million or 42.2%). Berries, apples and bananas remained the largest categories. "While challenging given shoppers' current grocery shopping patterns, generating demand is crucial for fresh fruit," said Jonna Parker, Team Lead, Fresh for IRI. "Fruit typically benefits from eye-catching displays and impulse sales and the early indicators are fewer trips and more online ordering for the foreseeable future. I'm encouraged to see retailers leverage oranges merchandised as vitamin C displays and introduce more bagged produce to help speed up shopping and give consumers ease of mind." Indeed, several shoppers commented on loose and unbagged items on the Retail Feedback Group's Constant Customer Feedback (CCF) program. "Many produce items are loose and unbagged, thus allowing the potential for contact by other customers," noted a shopper on the CCF program. "I suggest bagging produce items prior to putting items out on shelves." Another said, "I love the touchless hand washing station in the entry way. It would be nice to see that in the produce section as well. I imagine people touching fruits and veggies and then putting them back is a good way to spread disease." "Despite continued reassurances that fresh produce is safe to consume, we are dealing with a situation where perception is reality," said Parker.



Top 10 in weekly sales	Dollar sales increase over comparable week in 2019 for week ending						Sales week ending
	3/1/20	3/8/20	3/15/20	3/22/20	3/29/20	4/5/20	4/5/20
Fresh fruit	-0.7%	+2.6%	+28.4%	+21.1%	+1.5%	+7.4%	\$619M
Berries	+5.5%	+10.6%	+32.5%	+23.5%	+4.0%	+13.1%	\$145M
Apples	-4.2%	-2.1%	+38.3%	+28.0%	+0.4%	+3.9%	\$82M
Bananas	+2.3%	+5.4%	+24.9%	+22.8%	+7.7%	+10.4%	\$69M
Grapes	-4.9%	-5.7%	+9.8%	+4.4%	-15.4%	-12.8%	\$55M
Tangerines	-6.4%	-2.9%	+34.6%	+36.0%	+7.4%	+12.2%	\$54M
Avocados	+3.1%	+6.1%	+27.4%	+21.1%	+17.8%	+19.6%	\$54M
Oranges	-4.0%	+8.2%	+64.0%	+58.4%	+42.7%	+60.5%	\$36M
Melons	+1.5%	+1.6%	+11.0%	-1.5%	-17.7%	-12.9%	\$31M
Lemons	-9.3%	-4.2%	+36.9%	+42.9%	+32.7%	+42.2%	\$20M
Pineapple	-8.0%	-1.3%	+17.0%	+3.8%	-33.7%	-2.4%	\$14M

Source: IRI, Total U.S., MULO, 1 week % change vs. YA

Fresh Vegetables

On the fresh vegetable side, potatoes continued to have extremely impressive growth, up 66.9%. Other impressive growth categories were onions, carrots and mushrooms.

Top 10 in weekly sales	Dollar sales increase over comparable week in 2019 for week ending						Sales week ending
	3/1/20	3/8/20	3/15/20	3/22/20	3/29/20	4/5/20	4/5/20
Fresh vegetables	+1.4%	+5.0%	+40.9%	+39.2%	+15.2%	+21.4%	\$729M
Lettuce	+3.2%	+5.3%	+29.2%	+16.3%	+0.7%	+7.0%	\$166M
Potatoes	+0.6%	+6.9%	+72.3%	+114.7%	+65.1%	+66.9%	\$87M
Tomatoes	+9.6%	+15.7%	+43.7%	+34.0%	+14.9%	+21.4%	\$83M
Onions	-1.5%	+3.1%	+59.3%	+68.6%	+30.9%	+37.1%	\$57M
Peppers	-2.5%	+2.1%	+37.9%	+32.9%	+12.4%	+21.8%	\$51M
Carrots	-2.6%	-0.6%	+40.8%	+51.8%	+19.9%	+25.0%	\$30M
Mushrooms	+3.1%	+6.5%	+35.1%	+31.4%	+18.0%	+25.6%	\$28M
Cucumber	+6.6%	+12.1%	+33.5%	+19.9%	+8.6%	+17.0%	\$25M
Broccoli	-2.1%	+2.2%	+33.7%	+29.2%	+12.1%	+16.8%	\$24M
Squash	-3.5%	+1.0%	+43.6%	+40.1%	+12.7%	+17.2%	\$19M

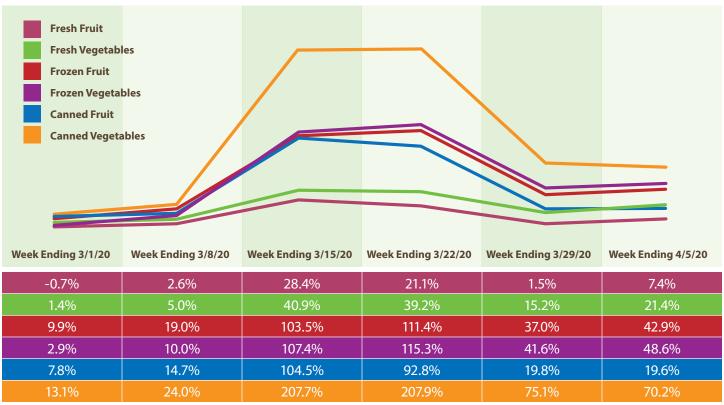
Source: IRI, Total U.S., MULO, 1 week % change vs. YA



Fresh Versus Frozen and Shelf-Stable

Consumers continued to split their produce dollar three ways during the week of April 5. Frozen and canned vegetables had ongoing strong growth during the first week of April and have been leading sales growth since the onset of coronavirus during the early weeks of March.

Dollar sales growth versus the comparable week in 2019



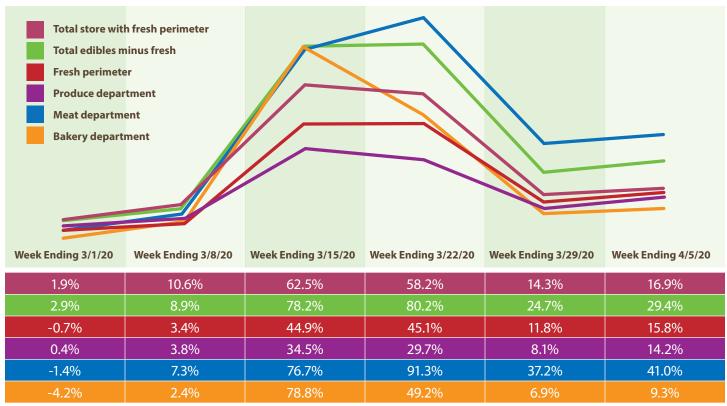
Source: IRI, Total U.S., MULO, 1 week % change vs. YA



Perimeter performance

Boosted by an increase of 41.0% in meat, the total perimeter increased 15.8%. Center store edibles increased 29.4%.

Dollar growth versus the comparable week in 2019



Source: IRI, Total U.S., MULO, 1 week % change vs. YA



Lessons from Overseas

Consumers in most European countries that were affected weeks before coronavirus upended sales patterns in the U.S.. Most countries are shifting to a moderately elevated purchasing level post stockpiling. For food, the everyday baseline has been trending between 10 and 20 percent above the comparable week in 2019 for Italy, Greece and the Netherlands and between five and 10 percent for France and Germany. Non-edible sales have mostly leveled off and declined for some. Frozen food continues to see above-average gains in these countries. Produce is incorporated in the "fresh" line.

	Italy	Greece	France	Germany	Netherlands
Total store	+9.3%	+11.8%	+5.6%	+4.0%	+12.1%
Total non-edible	-7.9%	+3.3%	-10.1%	-2.6%	+32.0%
Total edible	+13.2%	+15.0%	+8.9%	+5.8%	+11.2%
Frozen	+29.9%	+17.9%	+26.5%	+15.2%	+9.3%
Fresh	+7.4%	+34.3%	+7.1%	+16.7%	+5.7%

Source: IRI, Total US, MULO, week ending March 29, 2020

Please recognize the continued dedication of the entire grocery and produce supply chains, from farm to retailer, on keeping the produce supply flowing during these unprecedented times. #produce #SupermarketSuperHeroes 210 Analytics and IRI will continue to provide weekly updates as sales trends develop, made possible by PMA.

