

US Pharmaceutical Trends, Issues and Outlook for NACDS TSE

Presented by:

Doug Long, VP, Industry Relations Scott Biggs, Director, Supplier Services

August 2021



Each year at the NACDS Total Store Expo, IQVIA recognizes an industry leader who exemplifies the true meaning of partnership through the extension of the *Bernie Greenberg Pharmacy Partnership Award*. Like the namesake of this award, this recognition is to acknowledge an industry partner who displays and embraces such traits as leadership, collaboration, and giving back to their organizations and others



This year, rather than awarding this to an individual or a single industry partner, IQVIA would like to honor **ALL** of the pharmacy leaders, pharmacists, staff, and pharmacies who have focused on caring for their patients and customers during the 2020 and 2021 COVID-19 crisis. You and they **ARE** the heroes. As part of this recognition, IQVIA provides a \$10,000 contribution to the NACDS foundation

Year	Company	₩ Winner(s)		
2013	Rite Aid	Robert Thompson		
2014	Walgreens	Gerry Gleeson		
2015	Walmart, Sam's Club	Darren Townzen John Luebker		
2016	Kroger	Phelicia Avery		
2017	Walgreens	Rick Gates		
2018	Albertsons	Dan Salemi		
2019	Wegmans	John Carlo Jack Coultry		
2020	All pharmacists, staff and pharmacies			
2021	All pharmacy leaders, pharmacists, staff and pharmacies			

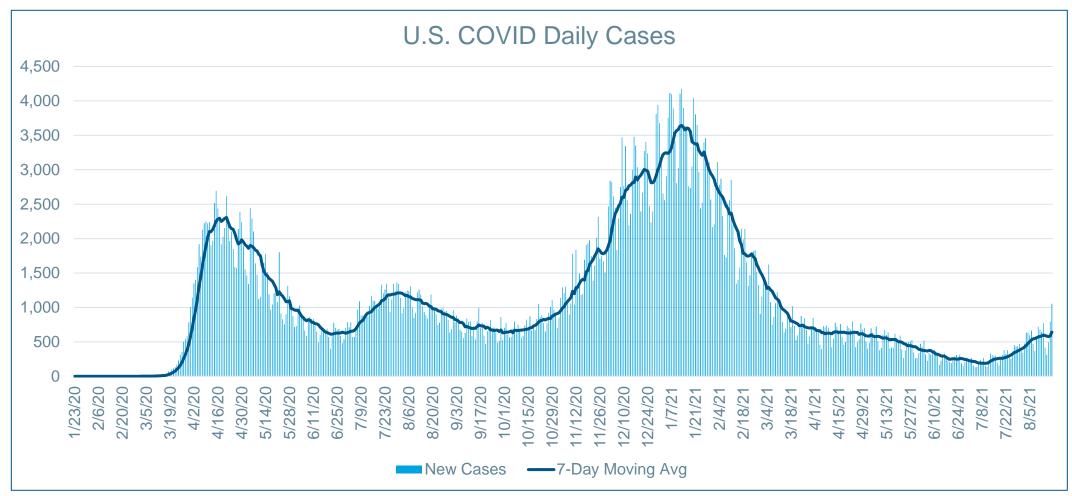




COVID Cases, Deaths and Vaccines



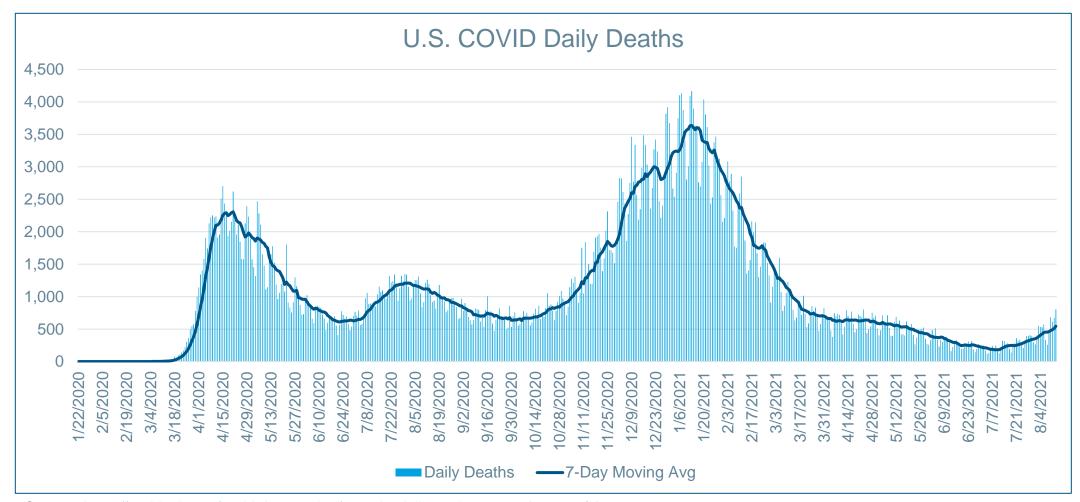
Daily COVID Cases in the U.S. continue to increase in recent weeks



Source: https://covid.cdc.gov/covid-data-tracker/#trends_dailytrendscases – data as of August 18, 2021



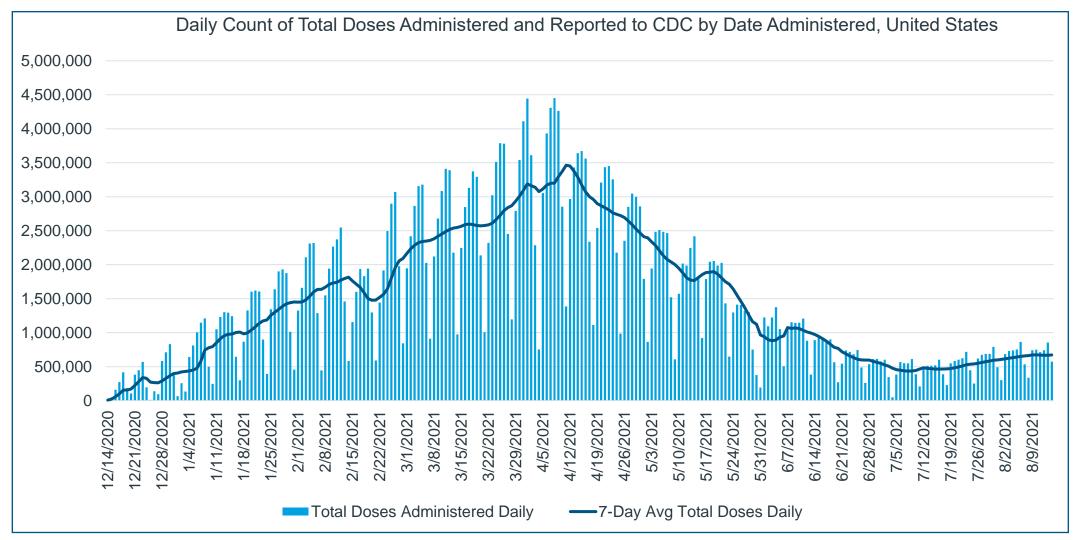
Daily COVID Deaths in the U.S. have also been increasing in recent weeks



Source: https://covid.cdc.gov/covid-data-tracker/#trends_dailytrendscases – data as of August 18, 2021



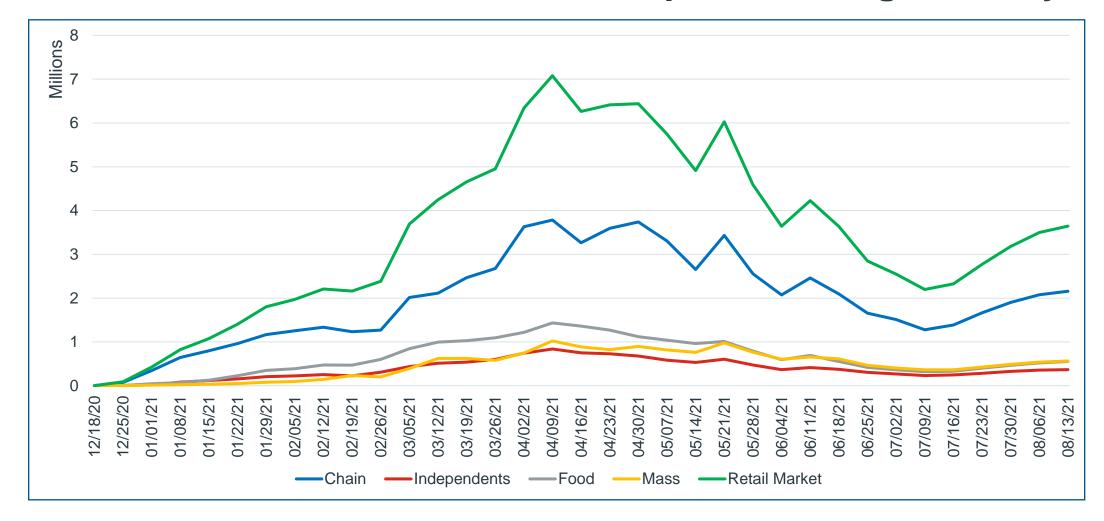
Daily Count of Total Doses Administered and Reported



Data Source: https://covid.cdc.gov/covid-data-tracker/#vaccination-trends – as of August 14, 2021



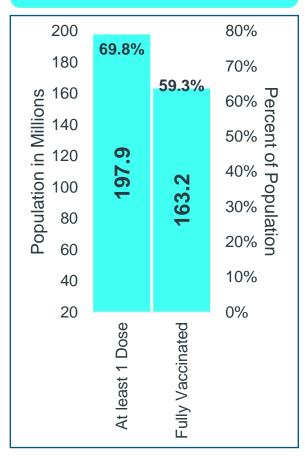
COVID Vaccines in Retail show an uptick starting mid-July



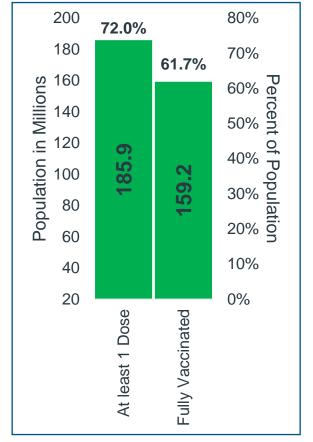
Data Source: IQVIA Xponent®

As of August 15th, almost 51% of the entire population is vaccinated, with over 80% of the 65+ age group vaccinated

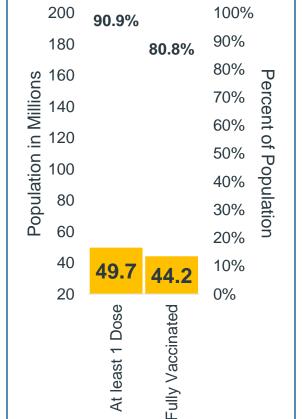
VACCINES ADMINISTERED ≥ 12



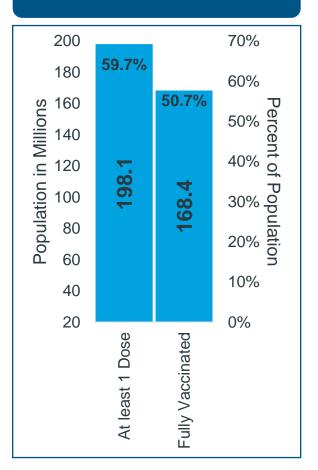
VACCINES ADMINISTERED ≥ 18



VACCINES ADMINISTERED ≥ 65



VACCINES ADMINISTERED



Source: https://covid.cdc.gov/covid-data-tracker/#vaccinations – Based on CDC data as of August 15th



Vaccine Hesitancy – Who are the unvaccinated?

According to a Kaiser Family Foundation Poll conducted May 18-25, 2021:



AGE

The highest share of unvaccinated respondents were 30-49 years old (41%), followed by 29% ages 18-29 and 20% ages 50-64, while only 9% of those unvaccinated were 65 and older



SOCIOECONOMIC STATUS

More likely to have lower education levels (46% attended only high school or less) and lower income levels (42% earn less than \$40,000 per year) than their vaccinated counterparts, who are nearly twice as likely to have earned a college degree or more



POLITICAL PARTY AFFILIATION

Nearly half of unvaccinated respondents were Republicans (49% versus 29% Democrats), as opposed to 31% of vaccinated respondents who identified as Republicans and 59% Democrats



RACIAL IDENTITY

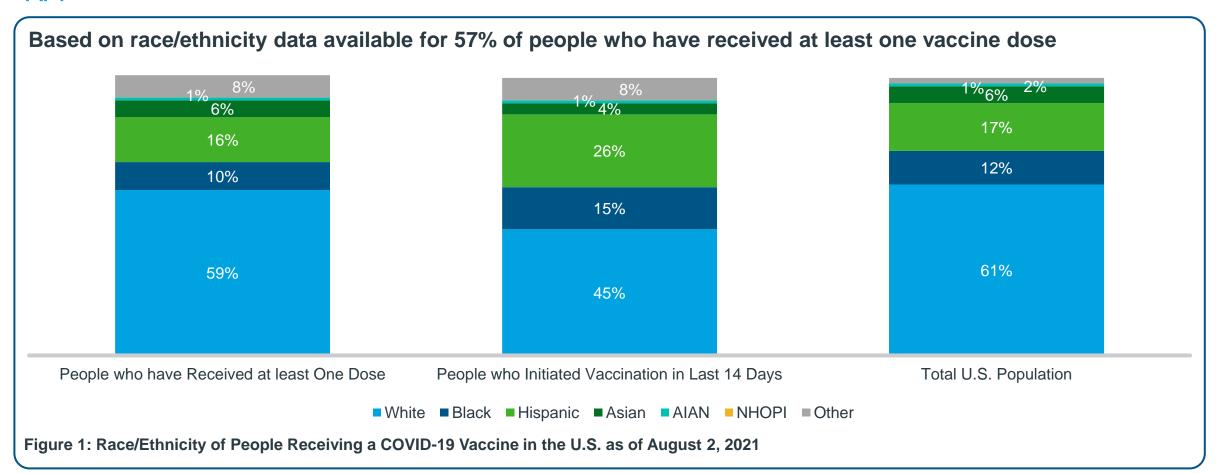
Both unvaccinated and vaccinated respondents were disproportionately likely to be white (56% unvaccinated versus 64% vaccinated), based in the suburbs (56% unvaccinated versus 52% vaccinated) and have health insurance (76% unvaccinated versus 88% vaccinated).

Here Are The Biggest Groups That Are Still Refusing The Covid-19 Vaccine, Poll Finds (forbes.com) retrieved on August 10, 2021



Race/Ethnicity of People Receiving a COVID-19 Vaccine in the U.S. as of August 2, 2021

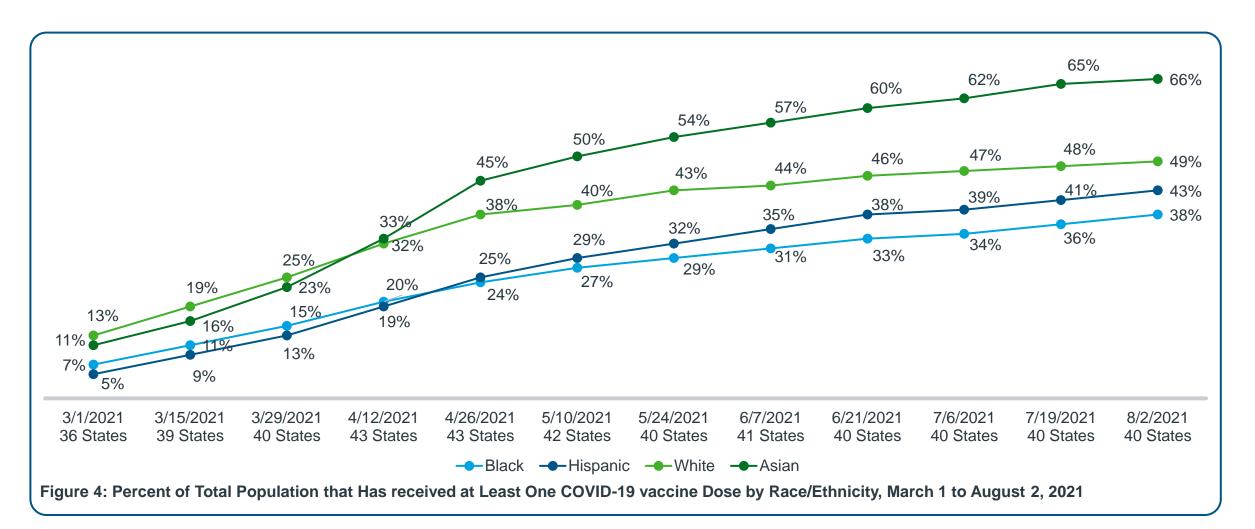
KFF



Note: Totals may not sum to 100 due to rounding, Persons of Hispanic origin may be of any race but are categorized as Hispanic; other groups are non-Hispanic, Other race includes multiple race individuals **Source:** Centres for Disease Control and Prevention, Demographic Characteristics of People Receiving COVID-19 Vaccinations in the United States, data as of August 2, 2021, accessed August 3, 2021, http://covid.cdc.gov/covid-data-tracker/#vaccination-demographic; Latest Data on COVID-19 Vaccinations by Race/Ethnicity | KFF Retrieved on August 10, 2021

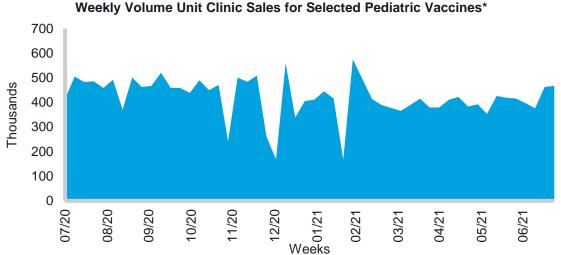


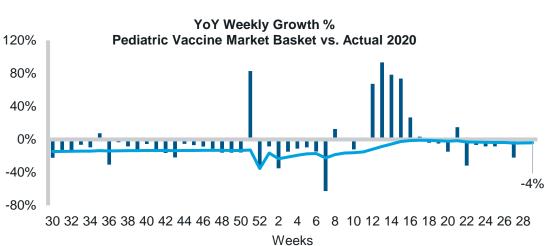
Percent of Total Population that Has Received at Least One COVID-19 Vaccine Dose by Race/Ethnicity, March 1 to August 2, 2021



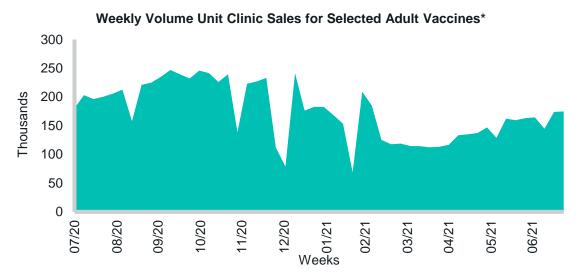
Source: Vaccination data based on KFF analysis of publicity available data on state websites; total population data used to calculate rates based on KFF analysis of 2019 American Community Survey data

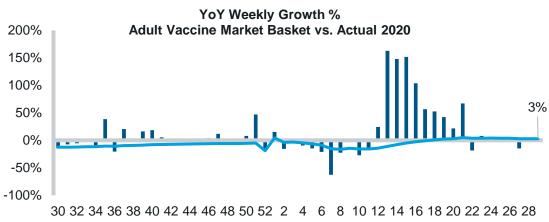
Non-COVID weekly vaccine utilization is flat compared to 2020 after a period of accelerated activity that compensated for lockdown dips





Weekly Growth





Weeks

Cumulative Growth

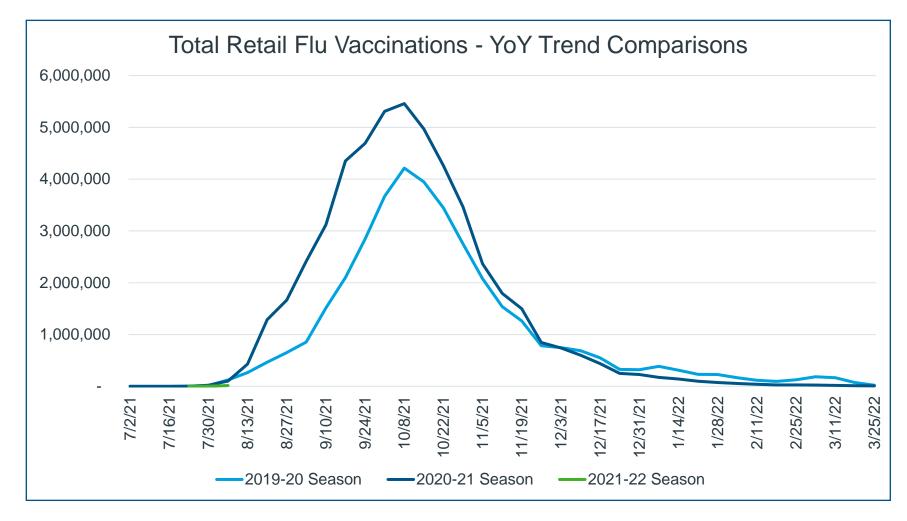
Weekly Growth

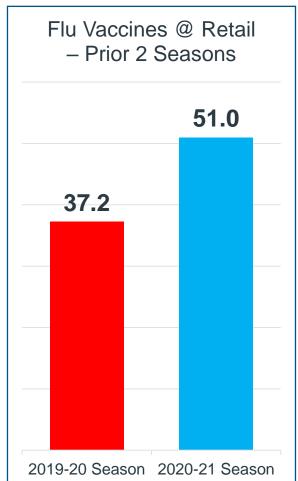
Source: IQVIA Weekly Sales Perspectives (WSP), July 20 – July 21; Note: Data reflects sales to clinic channel as defined by IQVIA – No methodology has been applied to determine VACCINE USE BY AGE

—Cumulative Growth



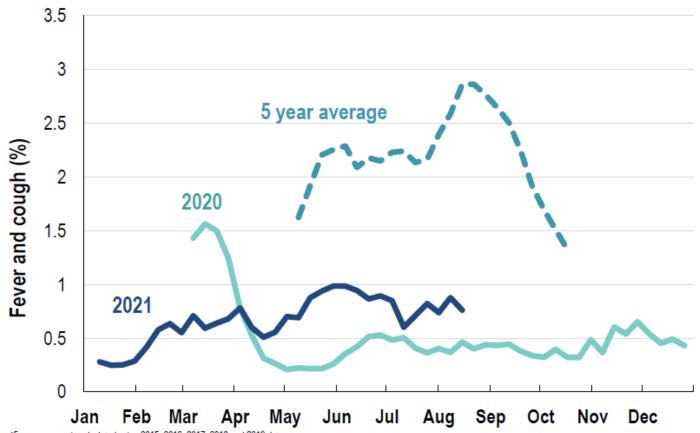
Last season flu vaccinations at Retail were up 37% on a YoY basis, the new flu vaccination season is starting slower so far





Data Source: IQVIA Xponent®

The Flu season in Australia can be an early indicator of our season in the US and current trends are showing a weak season



^{*5} year average is calculated using 2015, 2016, 2017, 2018 and 2019 data

Data Source: https://info.flutracking.net/reports-2/australia-reports/

71.5% of
Australians 18-65
have received a flu
vaccine, compared
to 71.8% at the
same time last
year

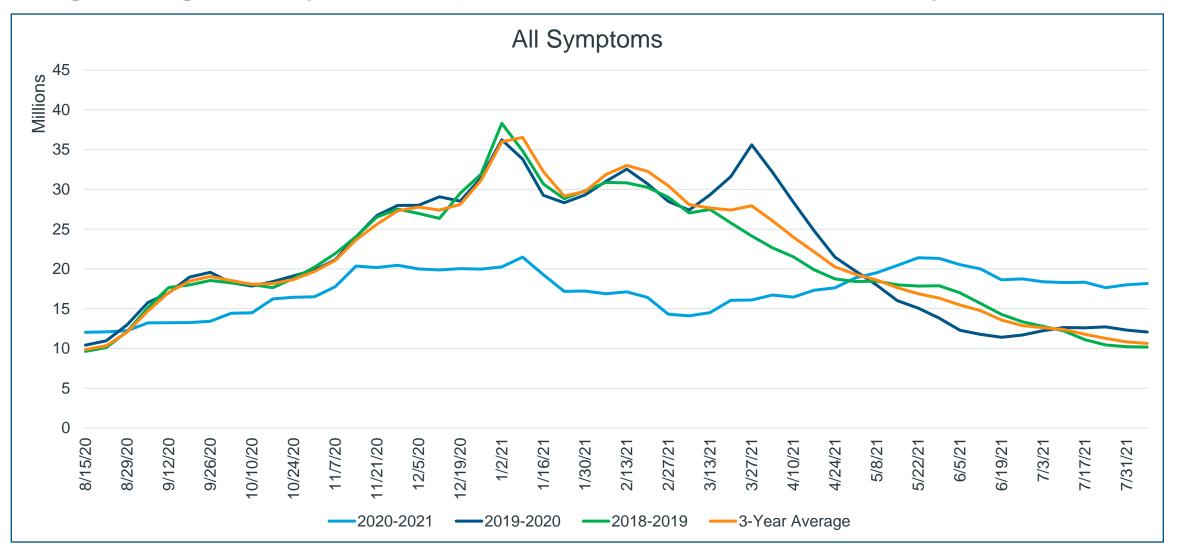
90.4% of
Australians 65+
have received a flu
vaccine, compared
to 90% at the
same time last
year

Data Source: https://www.9news.com.au/national/influenza-vaccine-warning-as-number-of-aussies-seeking-flu-shot-falls-by-almost-half-from-2020/11e65b73-1283-4ef2-adaa-81bd67eb9ed5



[^] Data are age standardised in this chart

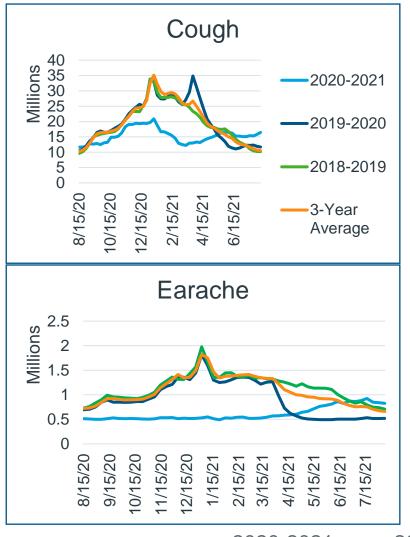
The FAN® report for all symptoms indicates more cases beginning in May in comparison to the last two years

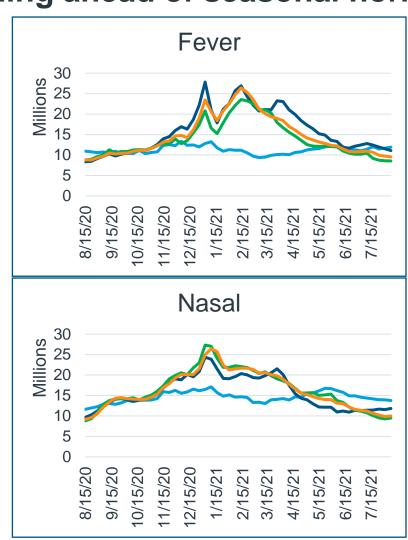


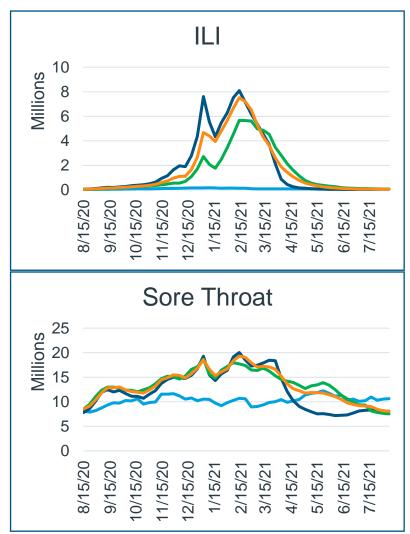




Across the different symptoms on the FAN® report, Cough, Earache, Nasal and Sore Throat are running ahead of seasonal norms



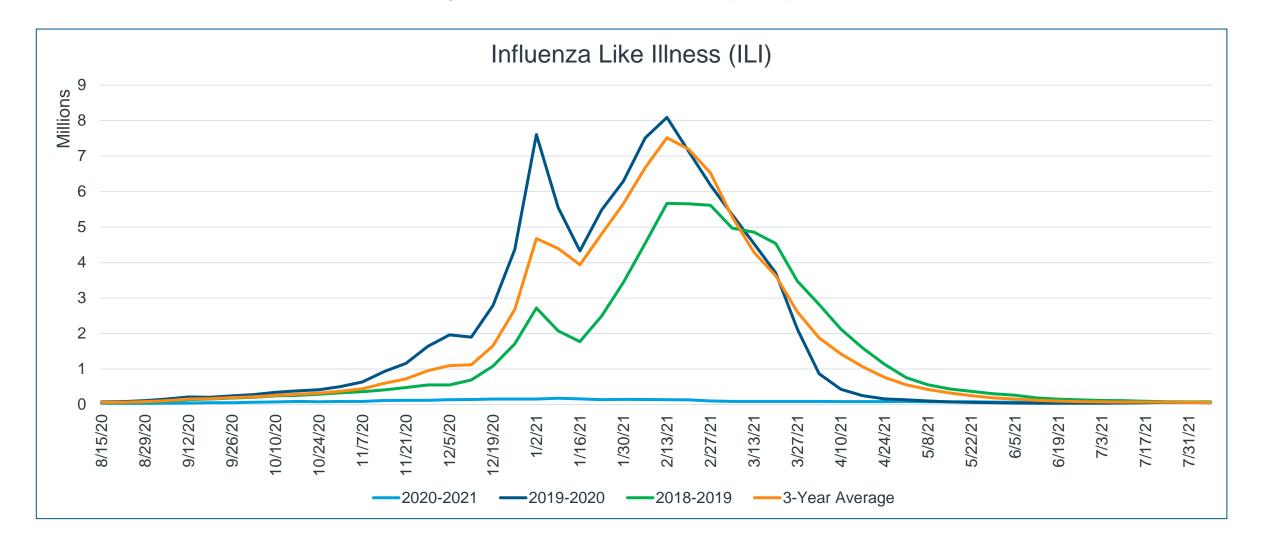




— 2020-2021 — 2019-2020 — 2018-2019 — 3-Year Average

Data Source: IQVIA FAN® Report

A focus on ILI from the FAN® report shows that instances of flu continue to remain very low as we wrap up the season





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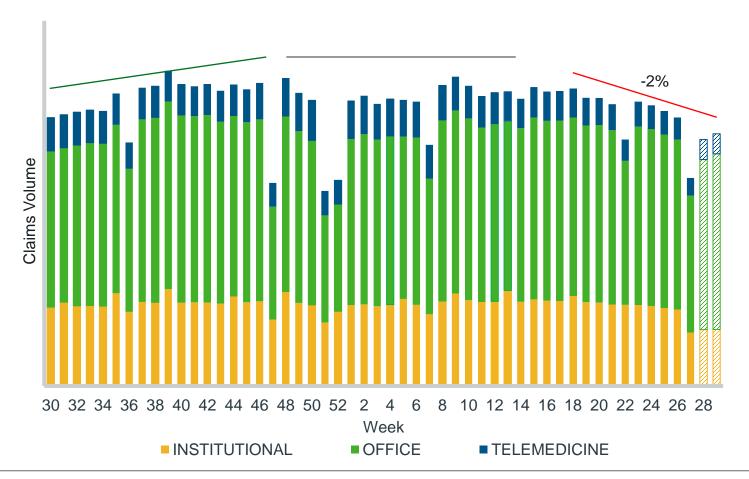


Market Trends: Utilization

Medical claims/activity

Telemedicine contribution to weekly medical claims growth continues to diminish, reaching 7.8% of total claims

Total Claims by Service Type: 52 weeks through W/E 07/23



Potential Implications



- From 5/7/2021 through 7/23/2021, total claims volume is decreasing nearly 2% per week
- Institutional claims have dropped the most significantly, losing more than 3% per week over the same time period, with telemedicine not far behind at 3%

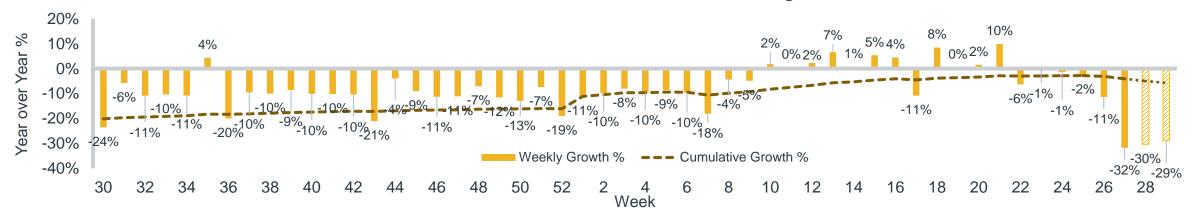
Data for latest week date controlled against prior periods; estimates have been applied to reflect anticipated late-adjudicated claims based on historical rates

Source: IQVIA: Medical Claims Data Analysis, 2021; Week 30 2019 = 8/2/2019; Week 30 2020 = 7/31/2020; Week 29 2020 = 7/24/2020; Week 29 2021 = 7/23/2021 Estimated amounts for latest weeks applied based on likely claims still to be received due to data latency or claim processing delays; See Appendix for further details

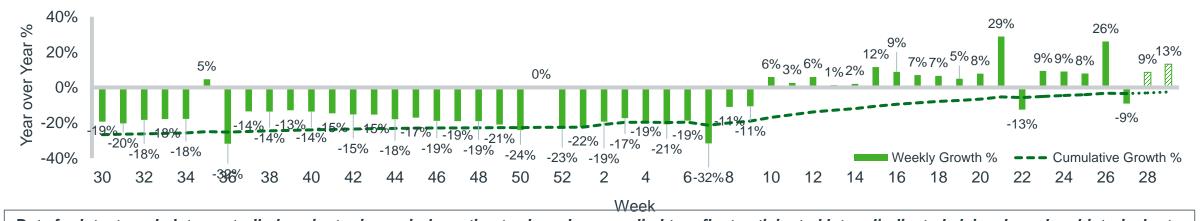


Weekly institutional claims continue to stay below LY. Recent weekly growth in office doesn't yet translate to cumulative growth

Year over Year Growth* - Institutional Claims Across Time Aligned Weeks



Year over Year Growth* - Office Claims Across Time Aligned Weeks



Data for latest week date controlled against prior periods; estimates have been applied to reflect anticipated late-adjudicated claims based on historical rates

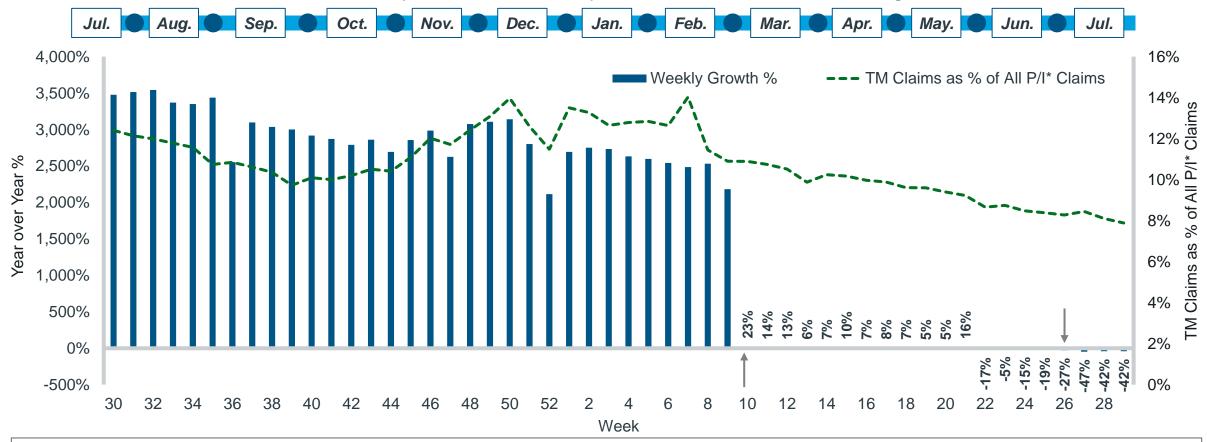
Source: IQVIA: Medical Claims Data Analysis, 2021; Week 30 2019 = 8/2/2019; Week 30 2020 = 7/31/2020; Week 29 2020 = 7/24/2020; Week 29 2021 = 7/23/2021 Estimated amounts for latest weeks applied based on likely claims still to be received due to data latency or claim processing delays; See Appendix for further details *Week 10-25 continue to be evaluated against a "Calibrated" 2020 both for weekly and cumulative growth calculations



Telemedicine continues a decline from pandemic steady state

Week 10 begins the comparison to calibrated 2020 levels, then reverting to vs actual in Week 26

Year over Year Growth (2021 vs. Calibrated 2020) - Telemedicine Claims Across Time Aligned Weeks



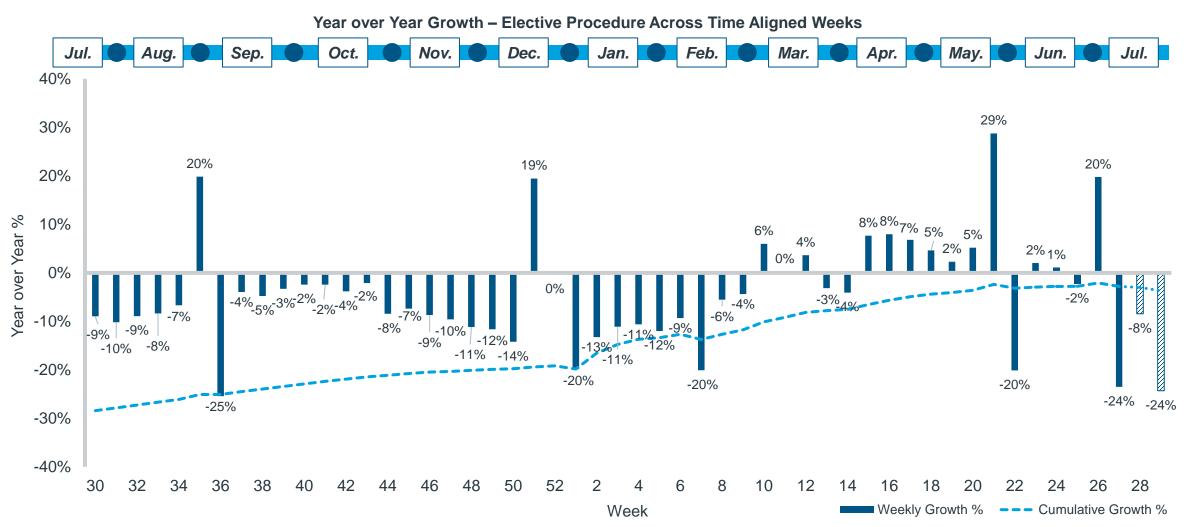
Data for latest week date controlled against prior periods; estimates have been applied to reflect anticipated late-adjudicated claims based on historical rates

^{*}All P/I Claims total indicates Telemedicine, Office, and Institutional claims

Source: IQVIA: Medical Claims Data Analysis, 2021; Week 30 2019 = 8/2/2019; Week 30 2020 = 7/31/2020; Week 29 2020 = 7/24/2020; Week 29 2021 = 7/23/2021; Estimated amounts for latest weeks applied based on likely claims still to be received due to data latency or claim processing delays; See Appendix for further details



Elective Procedures: Weekly YoY and cumulative growth

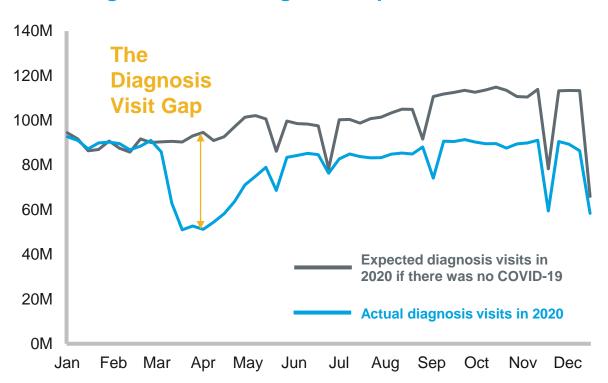


Source: IQVIA: Medical Claims Data Analysis, 2021; Week 30 2019 = 8/2/2019; Week 30 2020 = 7/31/2020; Week 29 2020 = 7/24/2020; Week 29 2021 = 7/23/2021; Elective procedures based on IQVIA custom analysis; Data includes claims from inpatient and outpatient sites of care; Latest two weeks are estimates using a recency data factor that is adjusted out as all claims are received; See Appendix for further details Week 10-25 continue to be evaluated against a "Calibrated" 2020 both for weekly and cumulative growth calculations



In 2020 there were almost 1 billion diagnosis visits that did not happen

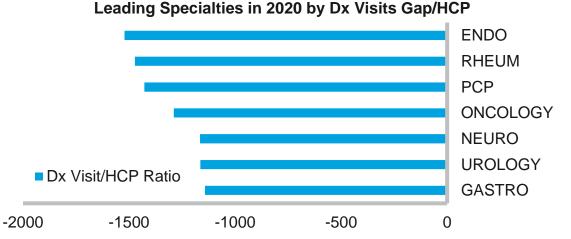
A leading indicator of long-term impact



What is the "diagnosis visit gap"?

Difference between diagnosis visits¹ expected during a hypothetical non-COVID scenario and the number of diagnosis visits we actually see



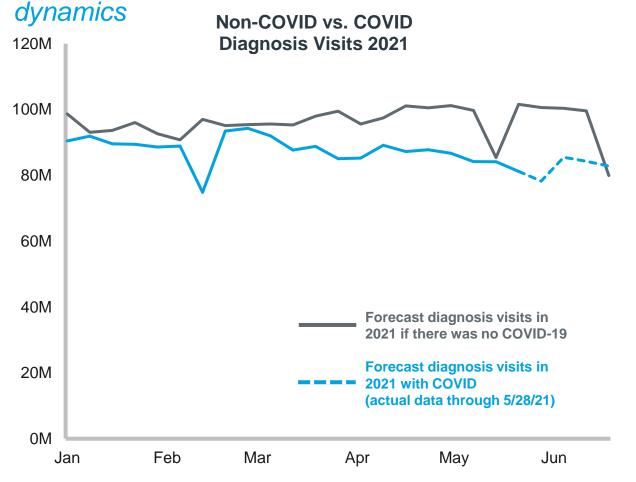


IQVIA: Medical Claims Data Analysis, 2021, IQVIA Analysis

¹A diagnosis visit is for one single diagnosis per patient, per HCP; a patient can have more than one diagnosis visit assigned to them, with either more than one diagnosis per doctor or more than one doctor per diagnosis

Post-COVID dynamics continue to have an impact – nearly 300M diagnosis visits have not occurred in the first half of 2021

Lower-than-expected total diagnosis visit volumes in May have created more separation than previously forecast; vaccine deployment and other triggers will continue to influence these



Total Forecast **Gap in 1H 2021**

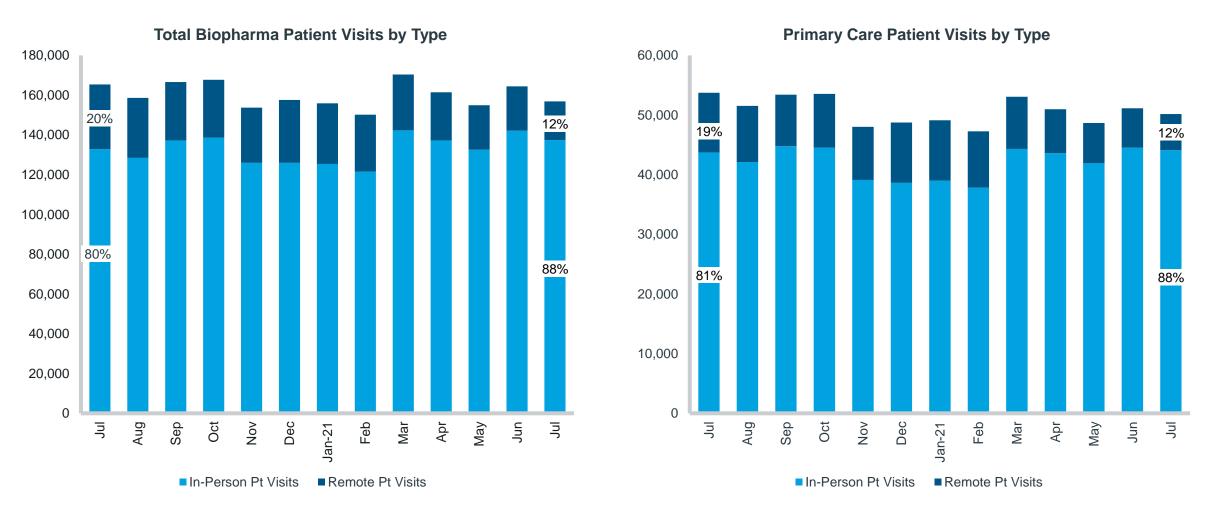
Diagnosis Visit -270.2M

% of Expected **Diagnosis Visits** in 1H 2021

-10.8%



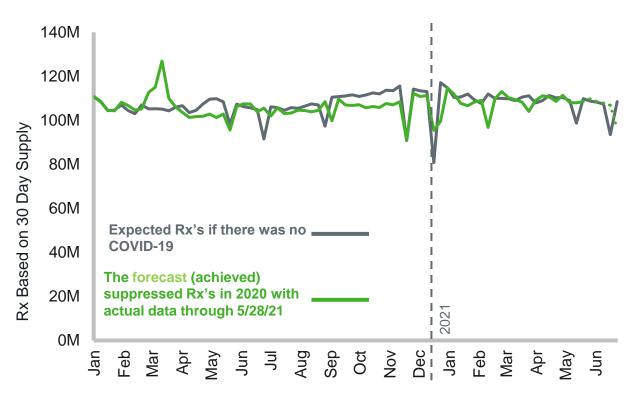
Total patient visits in July for Biopharma and Primary Care were lower than last year due to a decline in remote visits



BrandImpact HCP Network = ~3,600 unique HCPs including Oncology, Specialty and Primary Care; Specialty includes, but not limited to, Allergy, Cardiology, Dermatology, Gastroenterology, Endocrinology, Neurology, Pulmonology, Psychiatry, Rheumatology & Urology



Missed diagnosis visits have a direct effect on prescription utilization



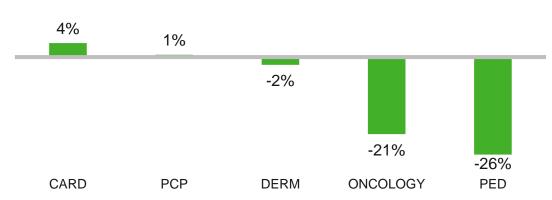
Total Forecast Rx Lost in 1H 2021

(Based on Average 30 Days Supply)

-15M

% of Forecast Rx Lost in 1H 2021 -0.5%

Selected Specialties by Forecast % Rx Missed in 1H 2021



What is "prescription suppression"?

Difference between the number of prescriptions expected during a non-COVID scenario versus the number of prescriptions we actually see

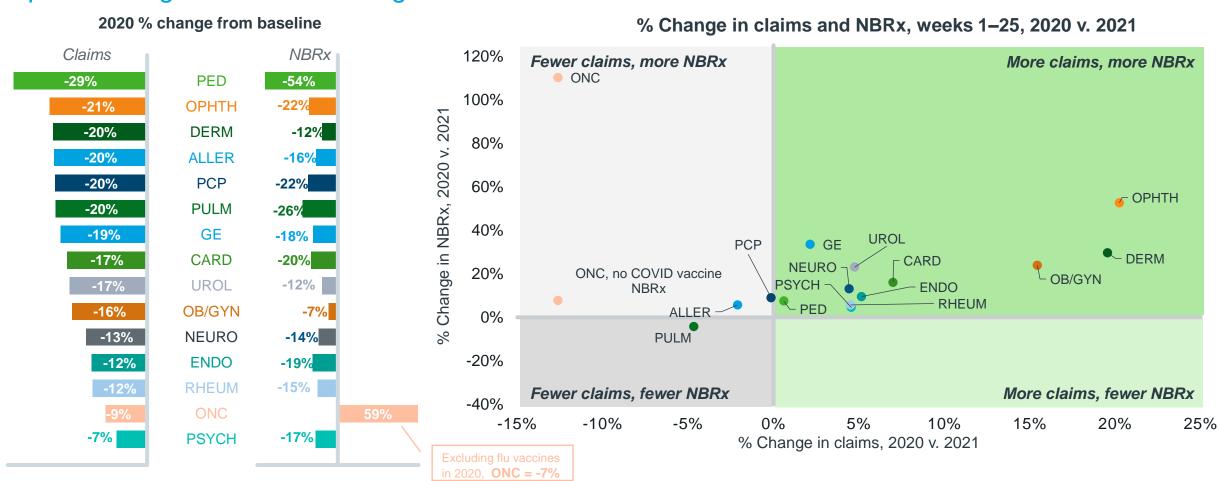
COVID-19 Diagnosis Visit Backlog - w/e May 28, 2021; Source: IQVIA: Medical Claims Data Analysis, 2021, IQVIA Analysis

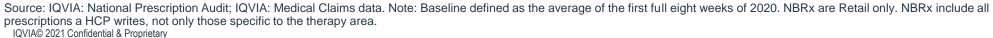
1 Suppressed monthly prescriptions are calculated by taking the predicted days supply using Dx visits and lever inputs and dividing by 30



Hard hit specialists continue to fill the 2020 diagnosis gap

Specialties with greater gaps in claims in 2020 are working to address the patient backlog – namely ophthalmologists and dermatologists









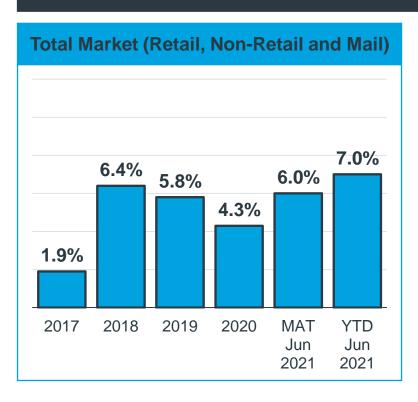
Where Are We Now?

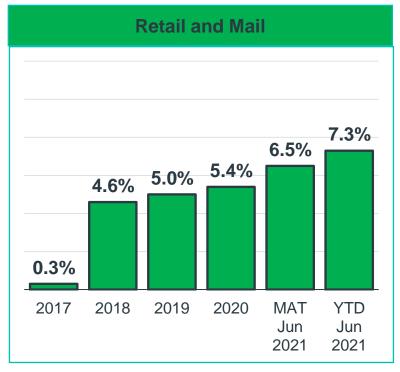


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The Non-Retail channel is recovering from effects of COVID-19

Growth (%) of Sales





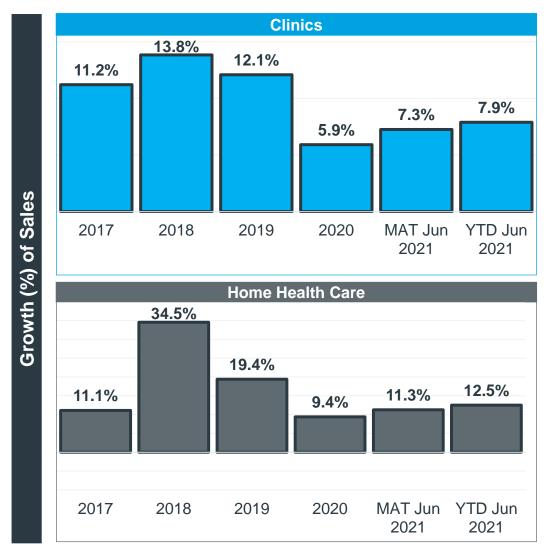


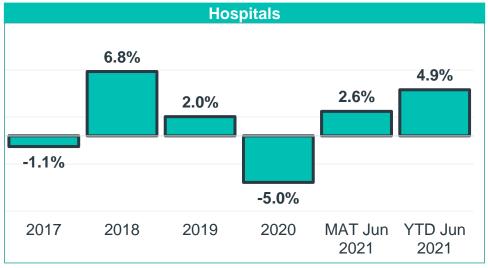
Source: IQVIA, National Sales Perspectives, Jun 2021

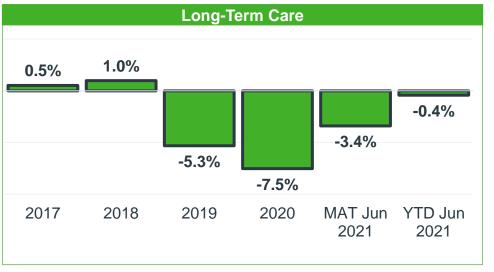
Note: Limited to Rx and OTC Insulins; Includes Retail, Non-Retail and Mail



Hospitals and Long-Term Care have been most affected by COVID-19 while Home Health Care is booming!









For the total market, specialty growth is outpacing traditional growth and now has ~49% share of total non-discounted spend

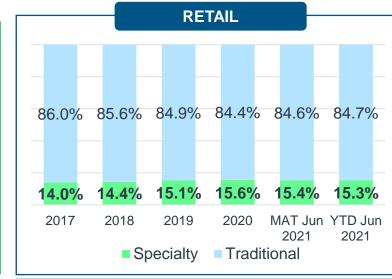
In MAT June 2021, specialty spend grew by 6.9% while traditional growth grew 5.2%

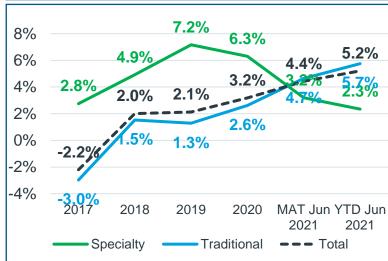


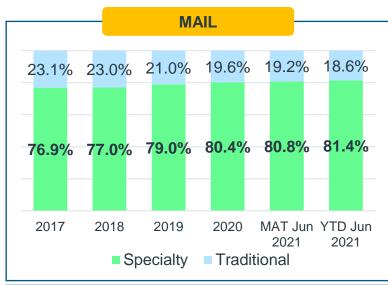
Share of Sales	2017	2018	2019	2020	MAT JUN 2021
SPECIALTY	43.1%	45.3%	47.5%	48.8%	48.9%
TRADITIONAL	56.9%	54.7%	52.5%	51.2%	51.1%



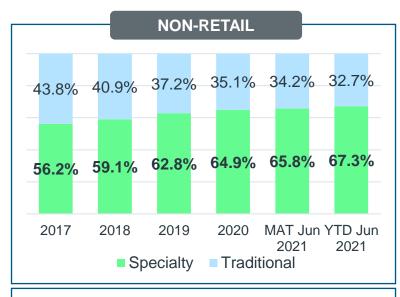
Based on sales dollars, Specialty is increasing at Mail and Non-Retail while slowing at Retail

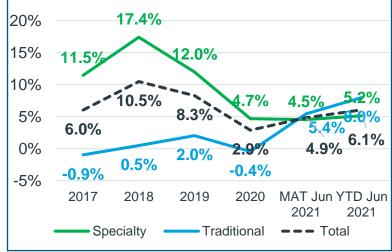














% OF SALES

YOY SALES \$ GROWTH

Immunology showed greatest Specialty growth on spend in Mail

Top 10 Specialty Therapies for Retail, Mail, and Non-Retail - MAT June 2021 (in \$ billions)

RETAIL			
Therapy	MAT June 2021	YoY Growth	
HIV ANTIVIRALS	16.4	1.5%	
IMMUNOLOGY	7.7	9.5%	
ONCOLOGICS	2.3	-3.0%	
MENTAL HEALTH	2.2	6.6%	
ANTI-INFLAMMATORY AND DIGESTIVE ENZYMES AND MODULA	2.0	11.3%	
VIRAL HEPATITIS	1.2	-16.3%	
LIPID REGULATORS	1.0	35.9%	
MULTIPLE SCLEROSIS	0.7	-10.5%	
SEX HORMONES (ANDROGENS, OESTROGENS, PROGESTOGENS)	0.6	21.3%	
IMMUNOSUPPRESSANTS	0.5	-6.3%	

MAIL			
Therapy	MAT June 2021	YoY Growth	
IMMUNOLOGY	61.0	20.3%	
ONCOLOGICS	20.2	9.1%	
MULTIPLE SCLEROSIS	11.3	-10.2%	
HIV ANTIVIRALS	5.1	-0.6%	
ALL OTHER RESPIRATORY	3.8	21.6%	
OTHER CARDIOVASCULARS	2.3	13.1%	
GROWTH HORMONES	2.2	0.2%	
RESPIRATORY AGENTS	2.2	13.4%	
VIRAL HEPATITIS	2.1	-20.9%	
BLOOD COAGULATION	1.9	0.5%	

NON-RETAIL			
Therapy	MAT June 2021	YoY Growth	
ONCOLOGICS	52.8	7.0%	
IMMUNOLOGY	15.6	9.9%	
MULTIPLE SCLEROSIS	5.2	4.0%	
POLYVAL IMMUNOGLOBLULINS IV&IM	4.6	5.6%	
HIV ANTIVIRALS	4.5	2.0%	
HEMATOPOIETIC GROWTH FACTORS	3.8	-11.6%	
ERYTHROPOIETINS	2.7	-9.6%	
MENTAL HEALTH	2.1	9.3%	
OCULAR ANTINEOVASCULARISATION	1.9	-9.5%	
RESPIRATORY AGENTS	1.9	14.2%	

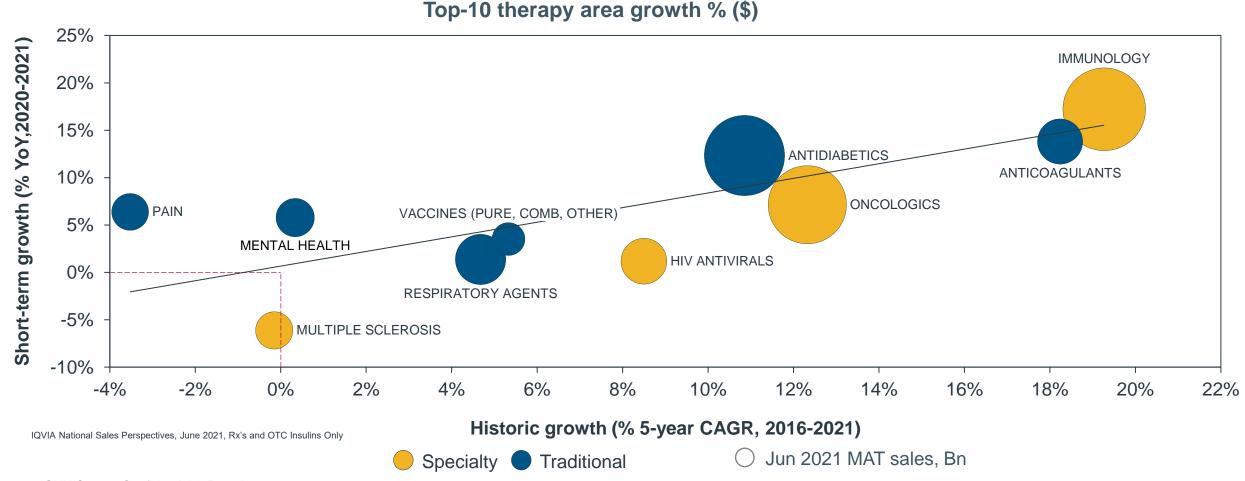
Source: IQVIA, National Sales Perspectives, June 2021

Limited to Rx and OTC Insulins *For Client's internal use only IQVIA© 2021 Confidential & Proprietary



All therapies demonstrate short-term growth except MS; Immunology and Anticoagulants show the greatest one- and five-year growth

Slowing growth was occurring prior to COVID-19, and is not the sole contributor



Antidiabetics is the top therapy class and Eliquis is a top product in the Retail Market based on sales dollars

Top 10 Therapies and Products for Retail based on Sales - MAT June 2021 (MAT in Billions)

Therapies				
Rank	Therapy	MAT June 2021	YoY Growth	
1	ANTIDIABETICS	64.0	13.9%	
2	RESPIRATORY AGENTS	21.6	-0.1%	
3	ANTICOAGULANTS	18.1	16.2%	
4	HIV ANTIVIRALS	16.4	1.5%	
5	MENTAL HEALTH	13.3	6.4%	
6	PAIN	10.2	8.1%	
7	ADHD	8.1	0.1%	
8	IMMUNOLOGY	7.7	9.6%	
9	GI PRODUCTS	6.8	5.1%	
10	NERVOUS SYSTEM DISORDERS	6.5	-6.1%	

Products			
Rank	Product	MAT June 2021	YoY Growth
1	ELIQUIS	10.9	25.5%
2	TRULICITY	8.5	37.2%
3	OZEMPIC	5.6	70.9%
4	JARDIANCE	5.6	40.7%
5	XARELTO	5.4	9.1%
6	BIKTARVY	5.2	27.6%
7	JANUVIA	5.0	3.8%
8	LANTUS SOLOSTAR	4.0	17.2%
9	VYVANSE	3.7	2.8%
10	LATUDA	3.3	11.4%

Source: IQVIA, National Sales Perspectives, June 2021

Limited to Rx and OTC Insulins

Farxiga and Trelegy Ellipta show large YoY growth

Top 20 Therapies and Products for Retail based on Sales - MAT June 2021 (MAT in Billions)

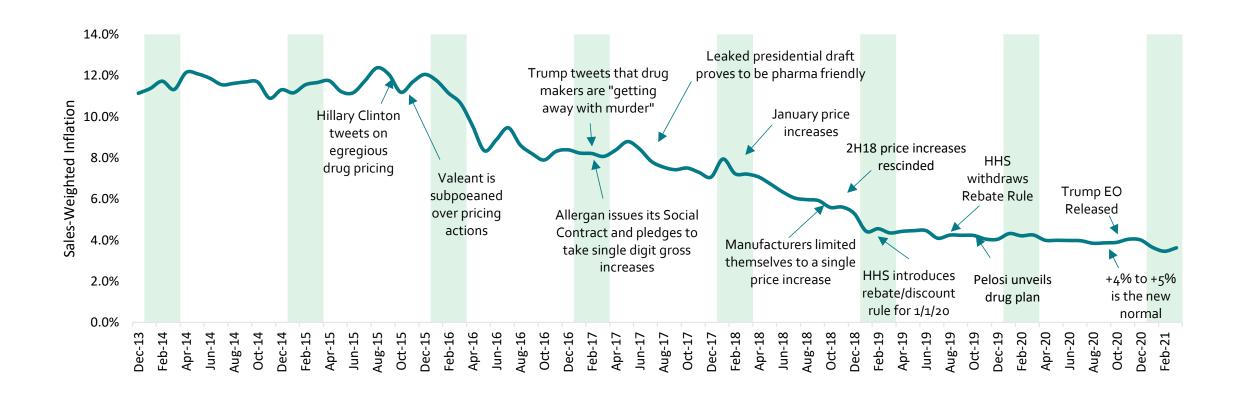
Therapies			
Rank	Therapy	MAT June 2021	YoY Growth
11	ANTIHYPERTENSIVES, PLAIN & COMBO	5.9	3.5%
12	DERMATOLOGICS	5.3	-9.4%
13	OTHER CNS	4.6	-4.3%
14	OPHTHALMOLOGY, GENERAL	4.1	1.1%
15	VACCINES (PURE, COMB, OTHER)	3.7	10.5%
16	OTHER CARDIOVASCULARS	3.6	9.7%
17	HORMONAL CONTRACEPTION, SYSTEMIC&TOPICAL	3.3	-9.4%
18	SEX HORMONES (ANDROGENS, OESTROGENS, PROGESTOGENS)	3.1	-0.9%
19	LIPID REGULATORS	2.5	5.9%
20	ONCOLOGICS	2.4	-3.5%

Products				
Rank	Product	MAT June 2021	YoY Growth	
11	HUMIRA	2.9	3.9%	
12	SYMBICORT	2.9	-6.8%	
13	VICTOZA 3-PAK	2.6	-7.3%	
14	NOVOLOG FLEXPEN	2.6	-8.5%	
15	TRESIBA	2.6	1.3%	
16	FARXIGA	2.4	48.4%	
17	TRELEGY ELLIPTA	2.1	56.3%	
18	HUMALOG KWIKPEN	2.0	-4.6%	
19	BREO ELLIPTA	2.0	-6.5%	
20	GENVOYA	1.9	-11.5%	

Source: IQVIA, National Sales Perspectives, June 2021

Limited to Rx and OTC Insulins

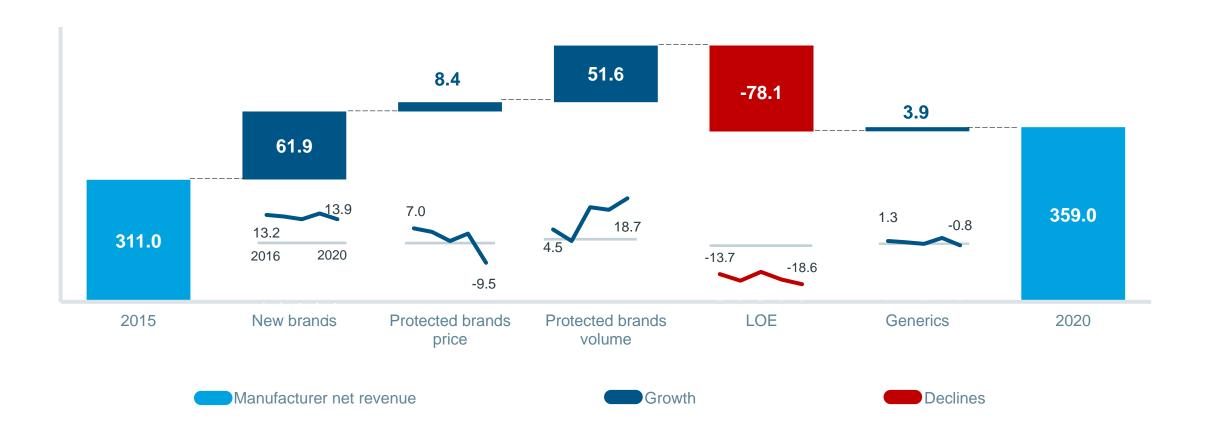
Brand Inflation has slowed in recent years, currently it is running between 4 and 5% according to Nephron Research





Manufacturer net revenues increased by \$48 billion over the past five years primarily driven by new products and protected brand volume

Net Manufacturer Revenues and Growth 2015–2020, All Channels, US\$Bn



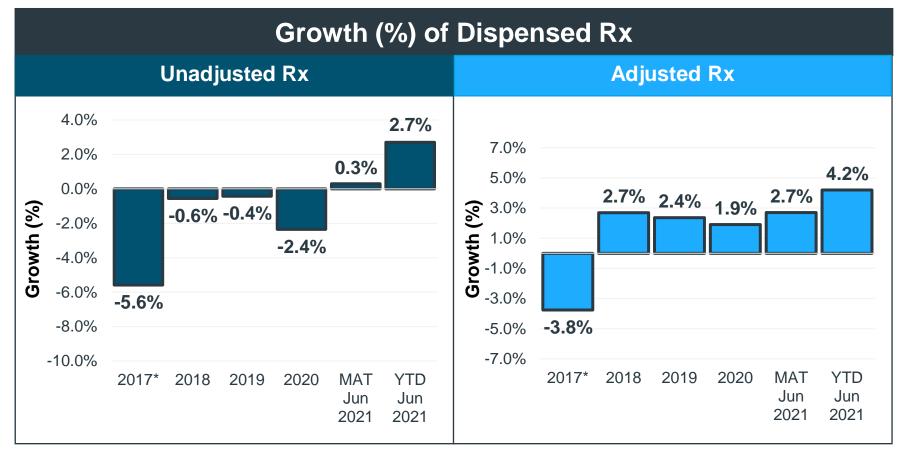
Source: IQVIA Institute, May 2021

Protected brand list prices increased 4.4% in 2020, while net prices decreased -2.9% - the fourth year at or below the CPI

Wholesaler Acquisition Cost (WAC) Growth and Net Price Growth for Protected Brands

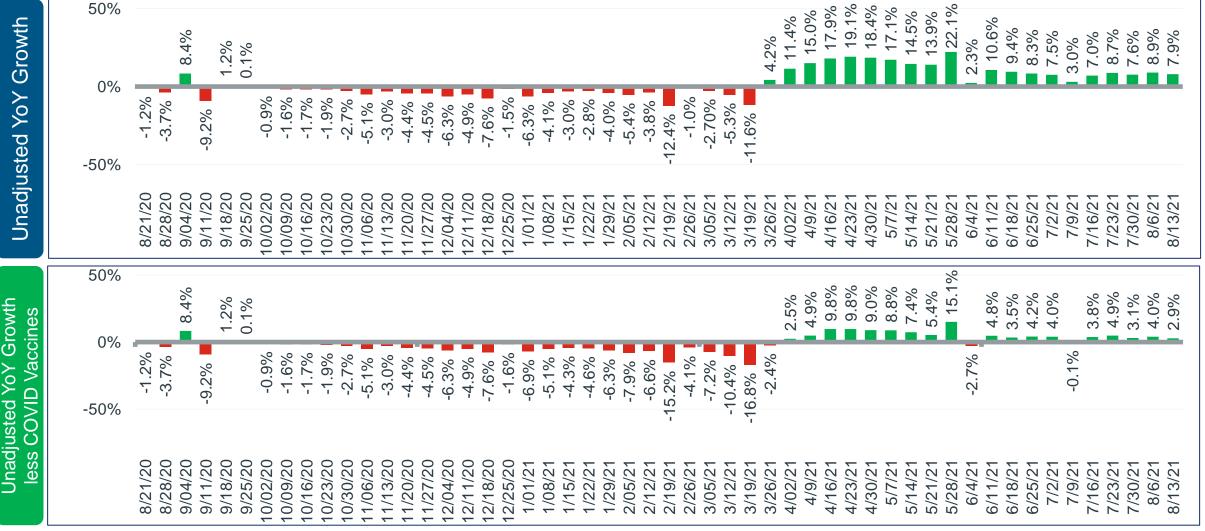


Unadjusted Rx growth for MAT May is negative and YTD May is positive, but adjusted growth is higher, at 2.5% for MAT May and 3.6% year to date

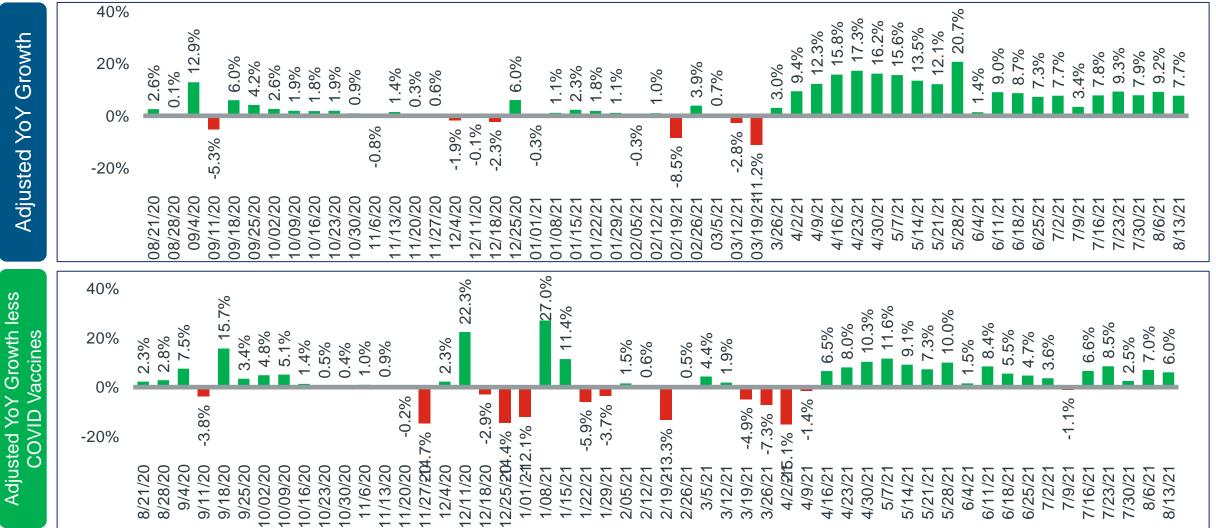




Unadjusted growth trends have been positive for the last several weeks, mainly being driven by COVID vaccinations at Retail



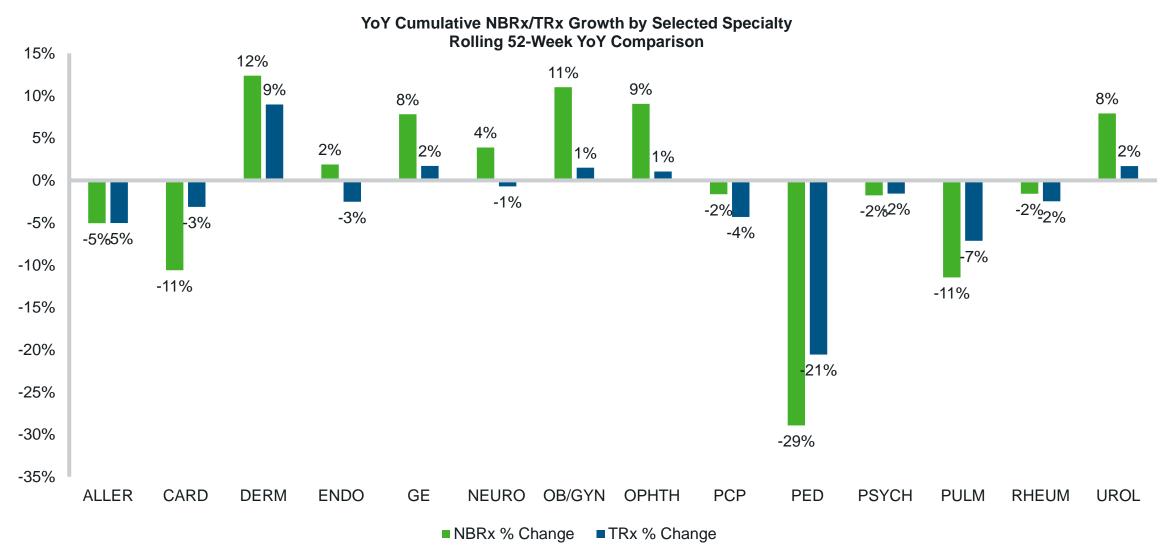
Adjusted growth trends have run positive for the last several weeks driven by COVID vaccines and last spring's weak comparison periods



Data Source: IQVIA Xponent - Copyright 2021 IQVIA - Confidential & Proprietary



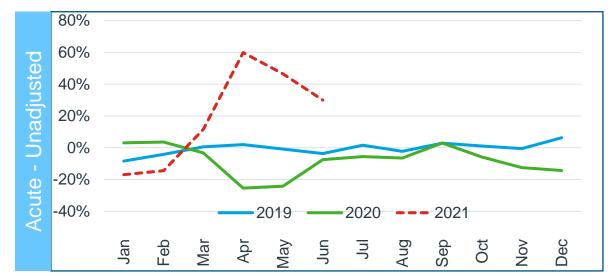
Many specialties show NBRx and TRx recovery over the past 52 weeks, though pediatric volumes continue to lag

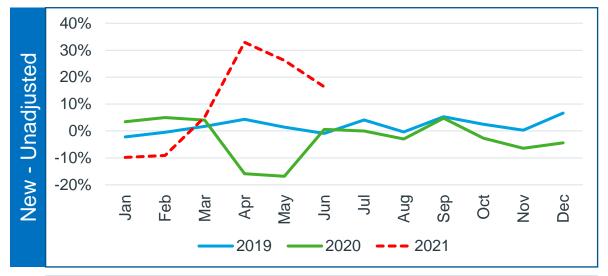


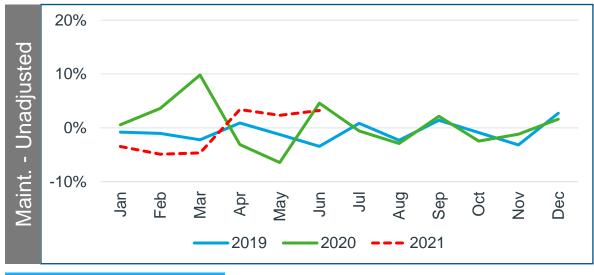


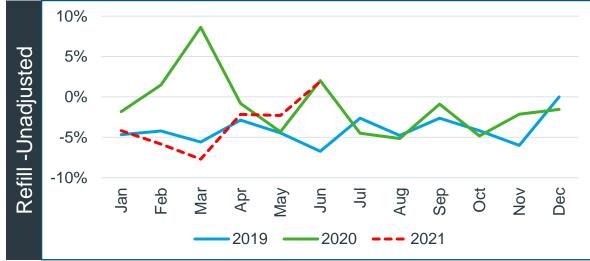


Acute and New Rx growth is slowing down over the last three months; driven by COVID vaccines (% change vs. 1 Year ago)





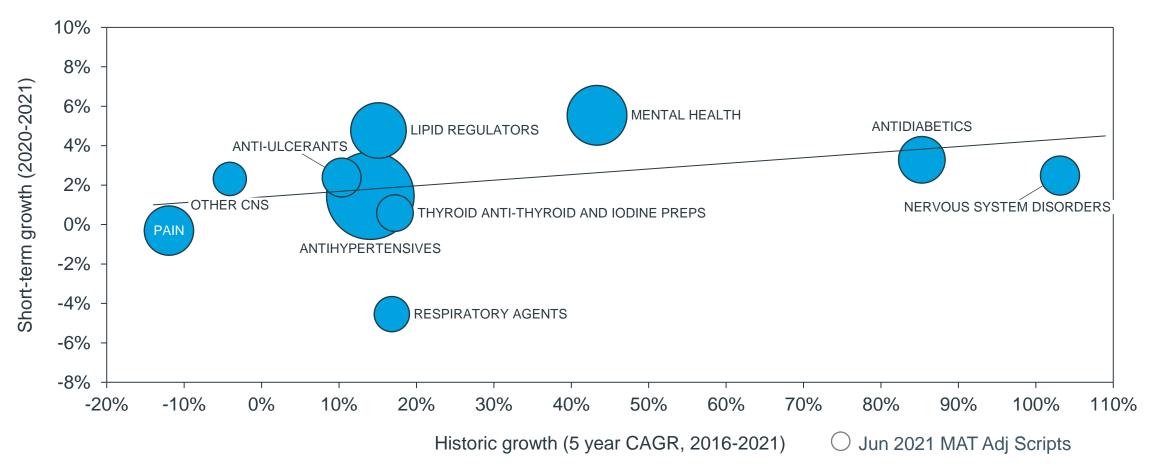




All Rx's shown in Millions

Nervous system disorders 5-year growth is high, but short-term growth is minimal

Pain shows negative growth for one and five-year growth



IQVIA Xponent® June 2021, Retail, Mail and LTC

Based on adjusted Rx's basis in Retail, Antihypertensives are the leading therapy with Atorvastatin as the top product

Top 10 Therapies and Products for Retail - MAT July 2021 (Adjusted Rx's in Millions)

Therapies			
Rank	Therapy	MAT July 2021	YoY Growth
1	ANTIHYPERTENSIVES, PLAIN & COMBO	1,046.5	2.6%
2	MENTAL HEALTH	492.3	6.5%
3	LIPID REGULATORS	425.1	5.6%
4	PAIN	377.6	0.2%
5	ANTIDIABETICS	352.6	3.5%
6	ANTI-ULCERANTS	214.2	4.5%
7	NERVOUS SYSTEM DISORDERS	210.9	3.4%
8	THYROID ANTI-THYROID AND IODINE PREPS	189.6	1.3%
9	RESPIRATORY AGENTS	182.8	-5.2%
10	VACCINES (PURE, COMB, OTHER)	180.5	232.0%

Products			
Rank	Product	MAT July 2021	YoY Growth
1	ATORVASTATIN CA	208.3	7.6%
2	LISINOPRIL	154.1	0.6%
3	AMLODIPINE BESY	150.9	5.6%
4	LEVOTHYROXINE SOD	141.2	-2.4%
5	LOSARTAN POT	105.0	5.5%
6	METFORMIN HCL	97.1	3.5%
7	METOPROLOL SUCCIN	84.9	7.2%
8	OMEPRAZOLE (RX)	83.8	16.0%
9	HYDROCHLOROTHIAZIDE	81.2	-0.3%
10	GABAPENTIN	78.5	3.8%

Source: IQVIA, National Sales Perspectives, June 2021

Limited to Rx and OTC Insulins *For Client's internal use only



When looking at Retail on an unadjusted Rx basis there are no changes for the top therapy and top product

Top 10 Therapies and Products for Retail - MAT July 2021 (Unadjusted Rx's in Millions)

Therapies			
Rank	Therapy	MAT July 2021	YoY Growth
1	ANTIHYPERTENSIVES, PLAIN & COMBO	527.8	-2.9%
2	PAIN	350.8	-0.3%
3	MENTAL HEALTH	332.2	2.6%
4	ANTIDIABETICS	208.8	-0.5%
5	LIPID REGULATORS	202.7	0.2%
6	VACCINES (PURE, COMB, OTHER)	178.9	242.5%
7	ANTIBACTERIALS	175.8	-16.9%
8	NERVOUS SYSTEM DISORDERS	159.2	0.9%
9	OTHER CNS	155.6	1.1%
10	RESPIRATORY AGENTS	146.2	-8.6%

Products			
Rank	Product	MAT July 2021	YoY Growth
1	ATORVASTATIN CA	99.6	1.6%
2	LISINOPRIL	75.9	-4.9%
3	AMLODIPINE BESY	74.4	-0.3%
4	LEVOTHYROXINE SOD	69.7	-8.0%
5	PFIZER COVID19 VACC	62.6	
6	GABAPENTIN	59.0	2.6%
7	HYCD/APAP	52.9	-1.1%
8	LOSARTAN POT	50.8	-0.1%
9	METFORMIN HCL	49.7	-1.8%
10	OMEPRAZOLE (RX)	47.6	9.9%

Source: IQVIA, National Sales Perspectives, June 2021 Limited to Rx and OTC Insulins

*For Client's internal use only



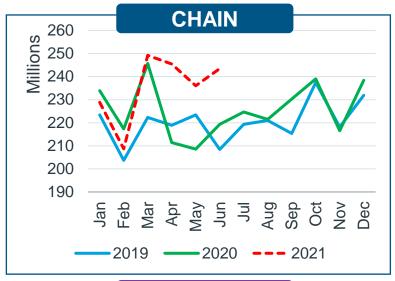


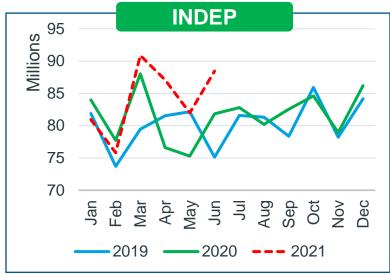
Retail Class of Trade and Method of Payment Performance

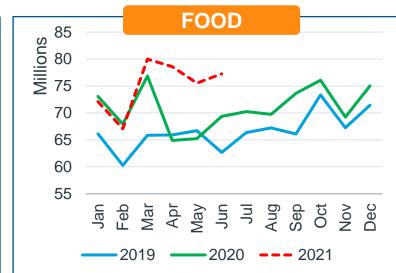


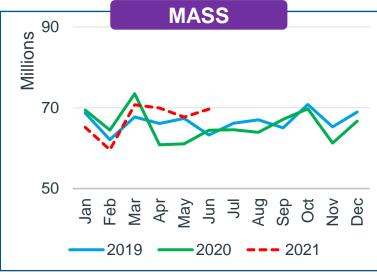
ADJUSTED

Adjusted volumes in all COTs in June 2021 show an uptick from May 2021 volumes

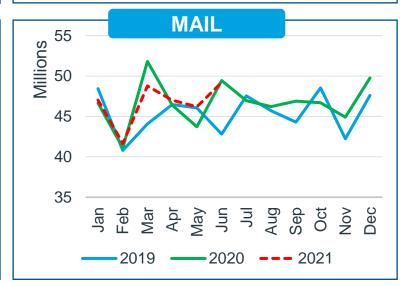








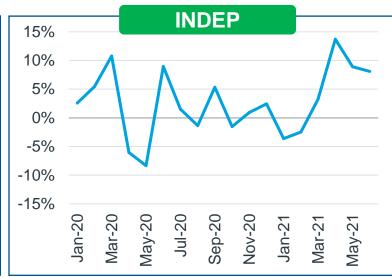




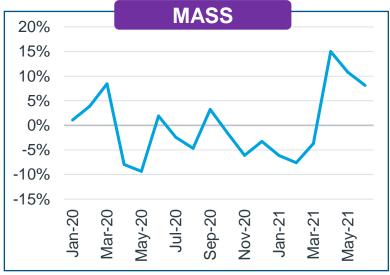


COVID Vaccines are the driver of growth, though it is slowing

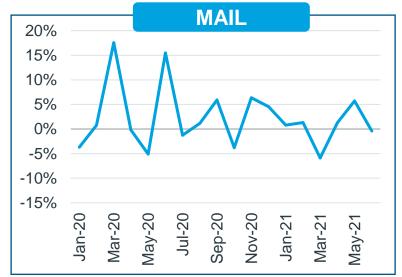










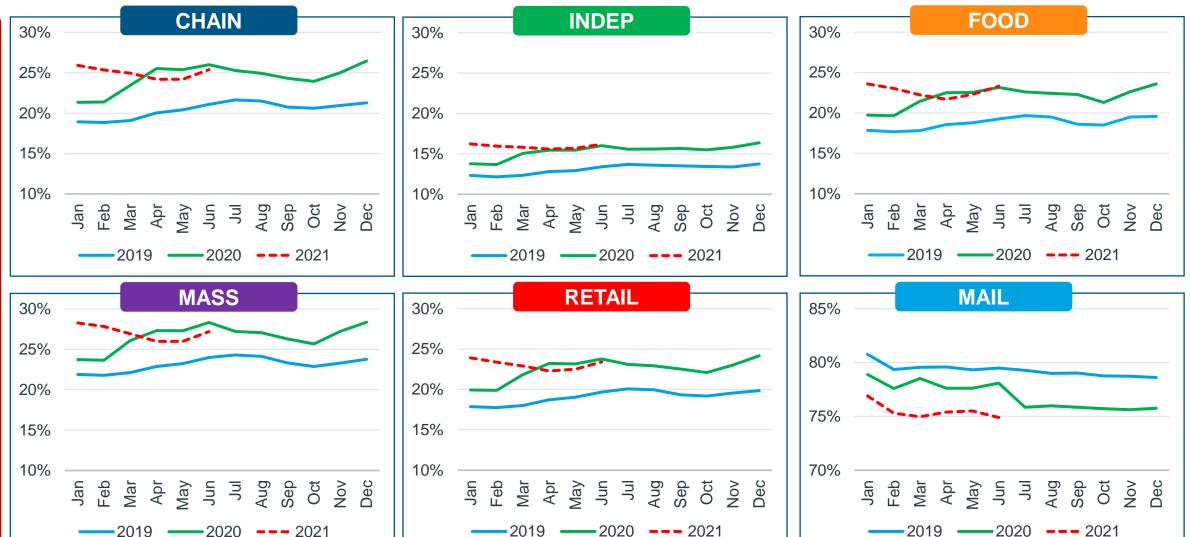




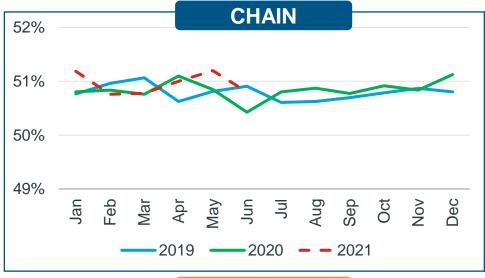
ADJUSTED RX GROWTH

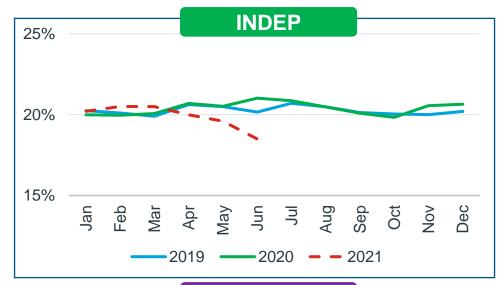
on Unadj. Rx's 90 Day Percentage based

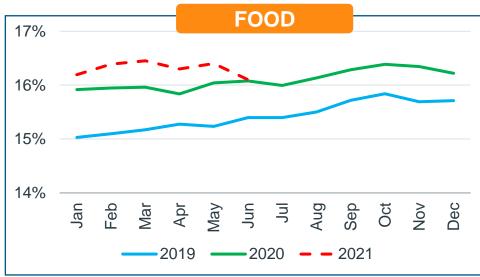
90 Day percentage of Rx's based on Unadjusted Rx's shows a slight increase from May to June, excluding Mail

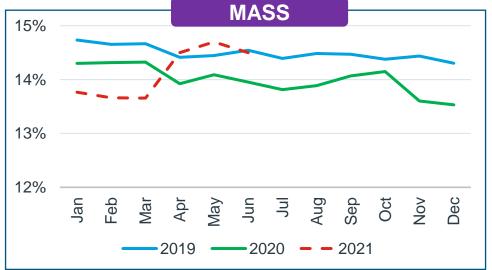


COT market share declines minimally from March 2021



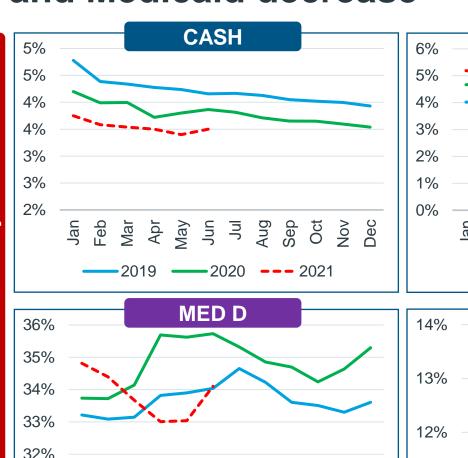


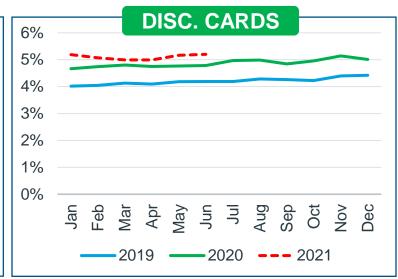


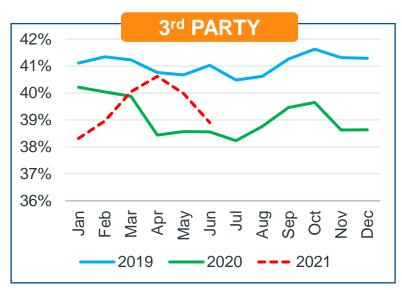


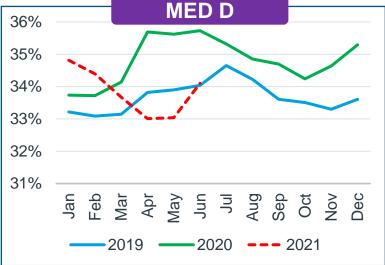


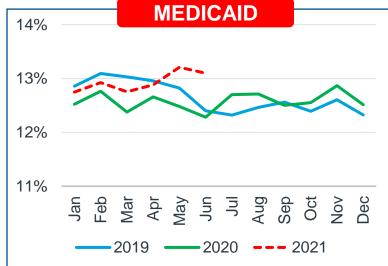
Cash, Med D, and Discount Cards slightly increase; Third Party and Medicaid decrease











NOTE: Discount Cards are removed from 3rd Party

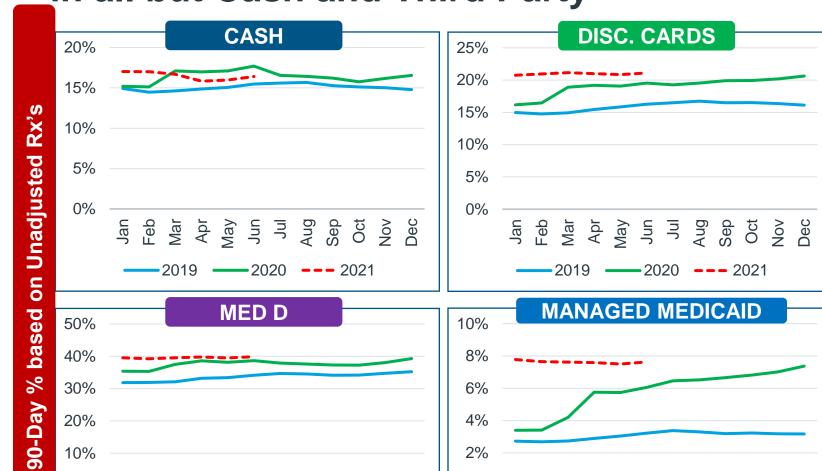


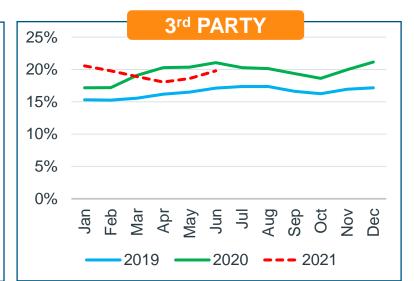
Adjusted Rx's

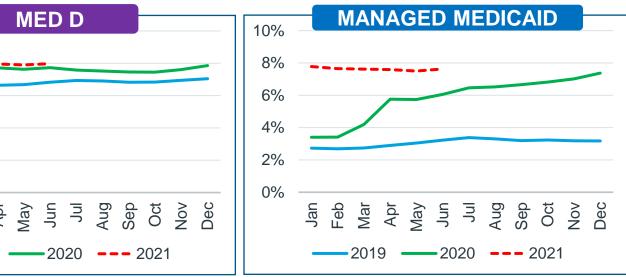
OU

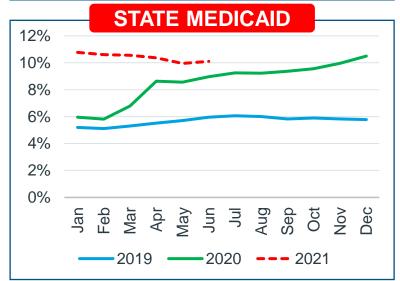
Market Share based

90-Day % of unadjusted Rx's show percentages above prior year in all but Cash and Third Party











10%

0%



Patients & Adherence

Retail to Mail Shifts

An important dynamic



To better understand the deeper dynamics of patients leaving retail and going to mail (and then back to retail) during COVID, we studied groups of **Diabetes (18M)**, **RASA (38M)**, and **Statin (39M)** patients



We looked at patients from the 3 therapies who had:

- Retail only prescriptions between March 2019 and Feb 2020
- Then had mail prescriptions between March 2020 - June 2021
- Then had retail prescriptions after the last mail prescription between March 2020 - June 2021

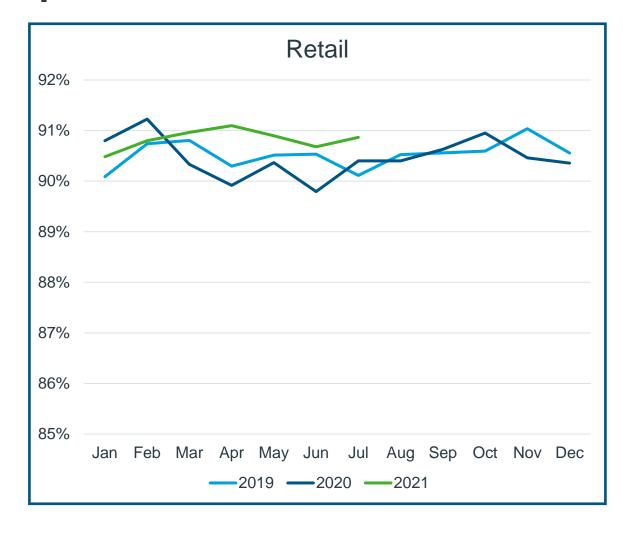


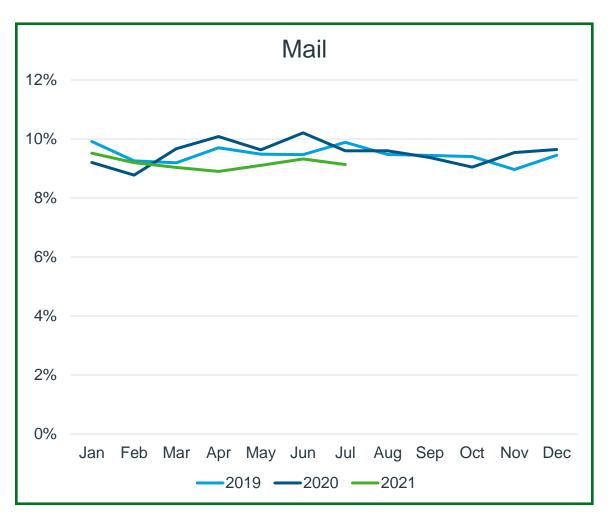
- Retail → Mail → Retail
 - We found that ~2.6% to 3.1% of retail patients went to mail
 - Of those patients going to mail,
 ~31% (RASA and Statins) to
 48% (Diabetes) returned to retail

Summary – a small portion of retail only patients from the three therapies shifted to mail, and we are seeing less than half of those patients returning to retail



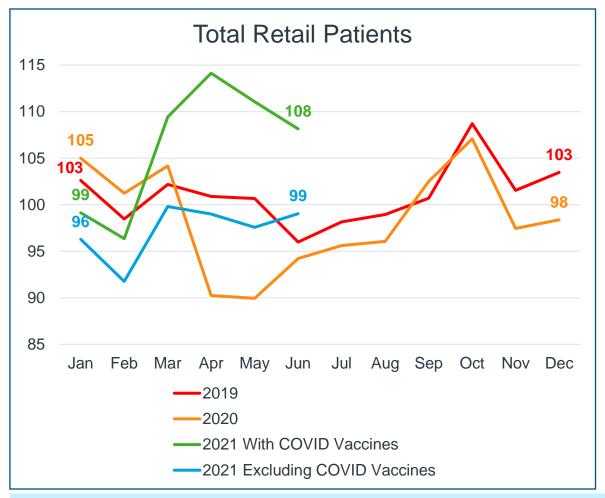
While there have been some patients lost to Mail during this pandemic their share of the total market is down

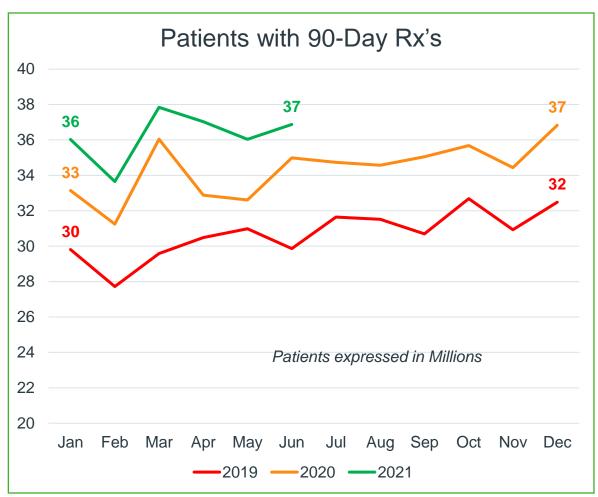






Without COVID vaccines, 2021 Retail patient counts are lower than 2020 and 2019 through May; with COVID vaccines, the retail patient counts are higher than prior years

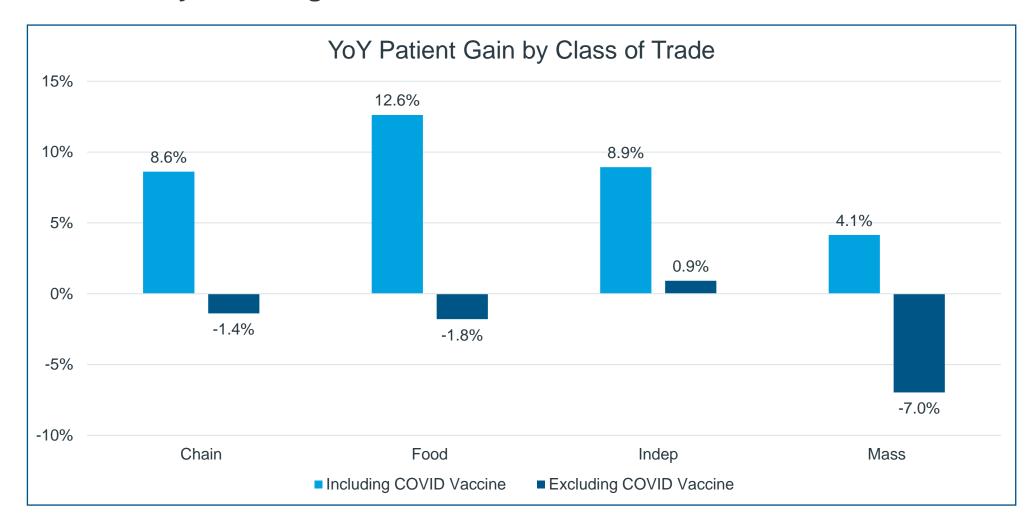




2021 Retail patients with 90-day prescriptions remains higher than 2020 and 2019

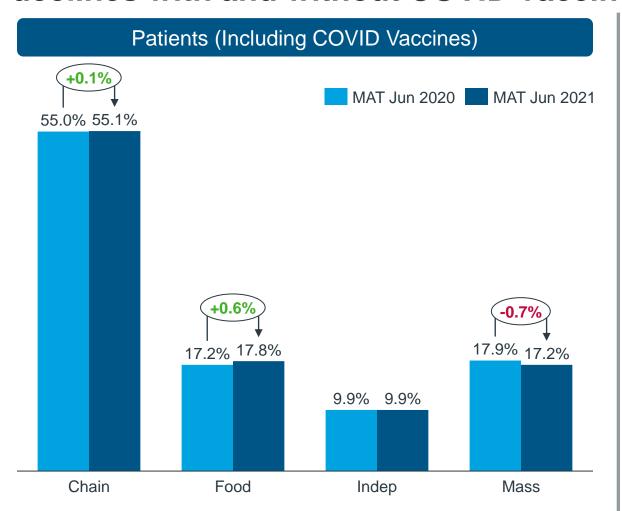


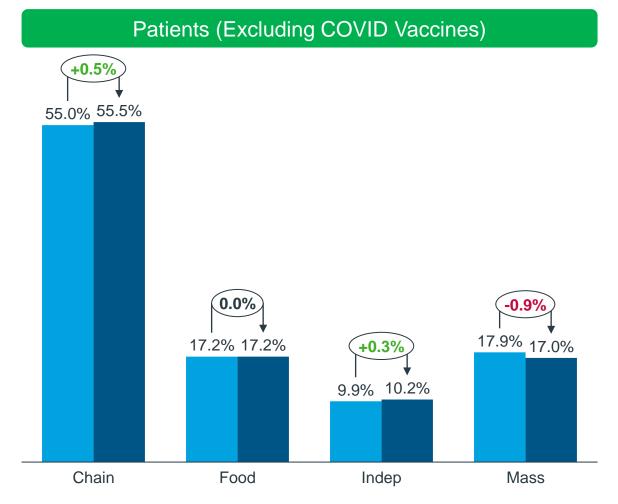
COVID Vaccines boosted patient counts across all the classes of trade while Independents were the only class to gain when COVID vaccines were removed



Source: IQVIA, Longitudinal Patient Data, MAT June 2021

COVID vaccines provided a boost to Food's patient share while Mass shows declines with and without COVID vaccines

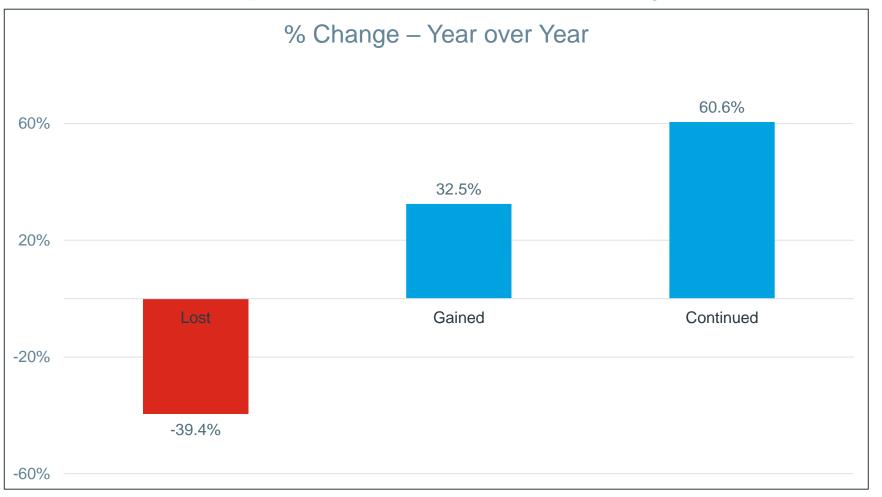




Patients are counted in each class of trade they visited during the time period Source: IQVIA, Longitudinal Patient Data, MAT June 2021



Mass Class of Trade lost 39% of the patients from the prior year and gained 32.5% new patients in the current year

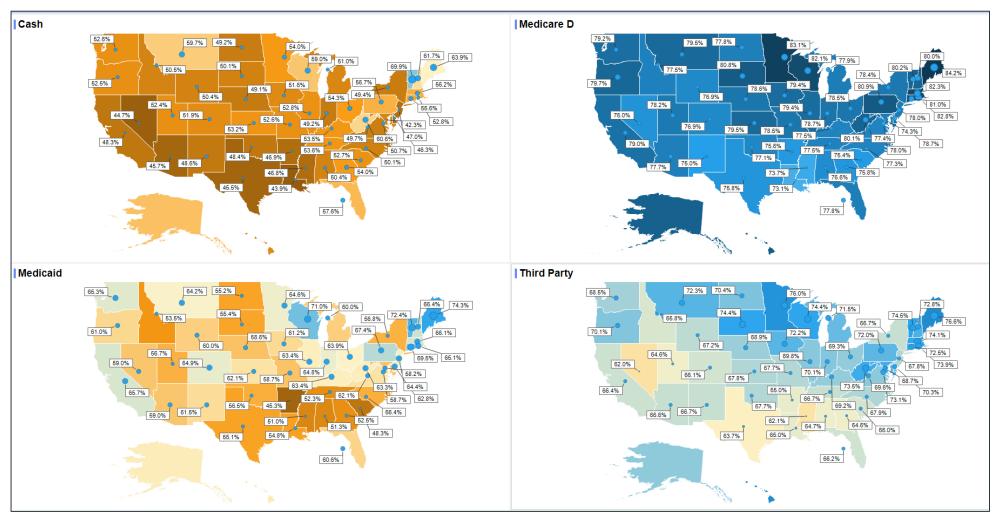


Note: This data excludes COVID Vaccines

Source: IQVIA, Longitudinal Patient Data, MAT June 2021

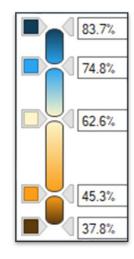


Adherence is not uniform regionally and varies by different factors, such as method of payment: Med D is most adherent



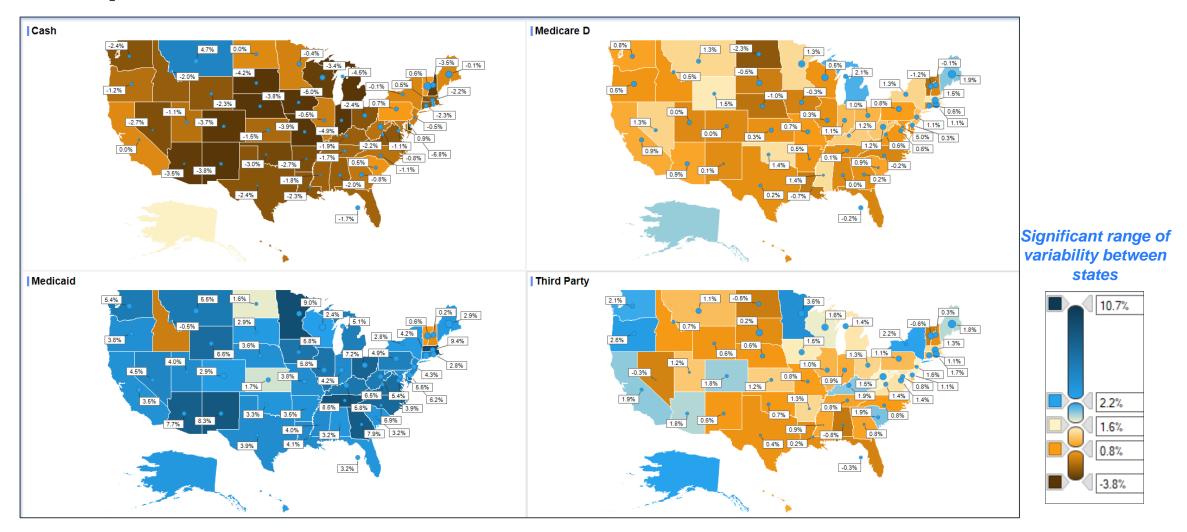
State Level
Market
Adherence
Rates by Method
of Payment –
Diabetes

Significant range of variability between states



Source: IQVIA, State Level Market Adherence Rates by Method of Payment, MAT June 2021

YOY Change continues to demonstrate a focus on the 3 STAR therapies

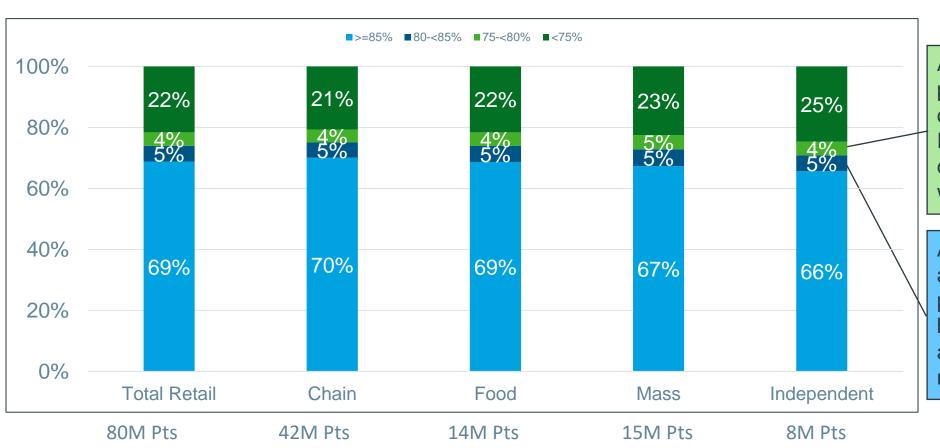


Source: IQVIA, State Level Market Adherence Rates by Method of Payment, MAT June 2021



Across STAR Therapy categories, ~9% of patients have the greatest influence on retailers' adherence rates

Actual Adherence Rates include patients in the light and dark blue colors combined.



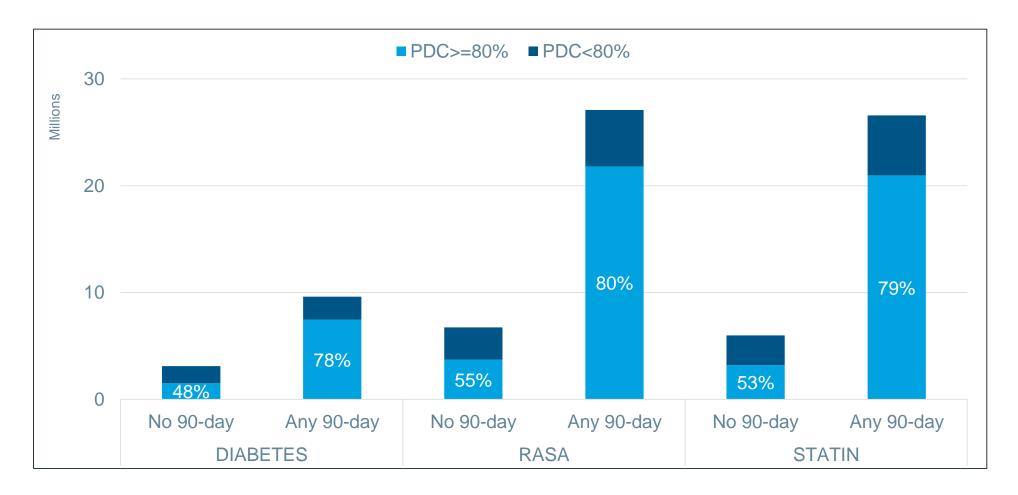
Approximately 4% of patients are on the cusp of being adherent.
Retailers may be able to convert these patients with minor interventions.

At the same time, an almost equal proportion of patients have a PDC between 80 and 85% and are at risk of becoming non-adherent.

Source: IQVIA, Longitudinal Patient Data, MAT June 2021

90-day Rx's are an effective way to increase adherence rates

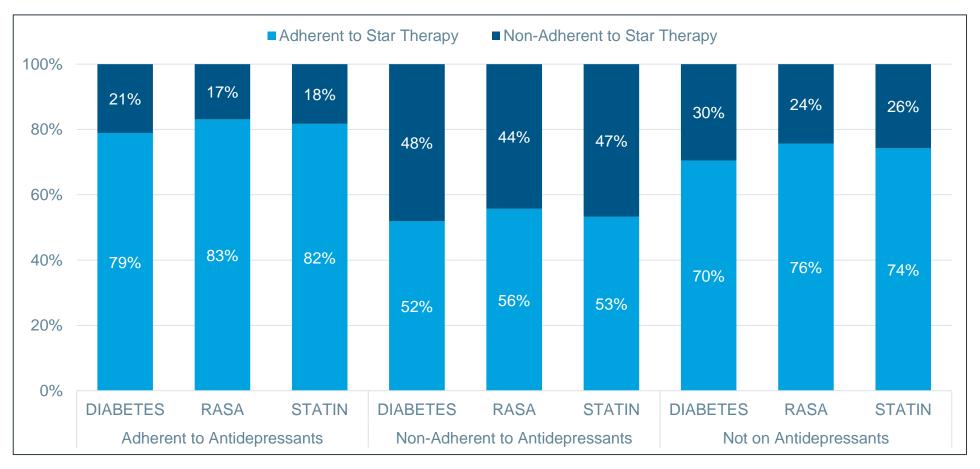
Adherence rates in each market are more than 20 points higher for patients getting 90-day Rx's





Patients who are Adherent to Antidepressants are the most adherent to their Star therapies

Non-Adherent Antidepressant Patients are the least adherent to their Star Therapy Meds



Source: IQVIA, Longitudinal Patient Data, MAT June 2021

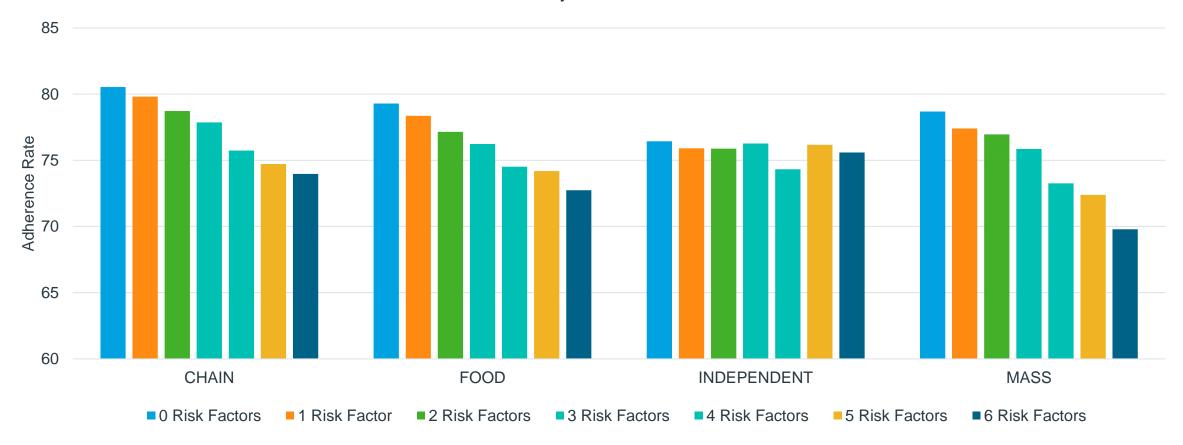
Patient behavior for Adherence in STAR therapy requires an understanding of demographic characteristic risk factors

Applying IQVIA's knowledge of risk factors to standard adherence performance metrics reveals insights to those patients at greatest risk

Risk Factor	"High-Risk" Category	Cutpoint
Income	< \$25,000	> 25% of population
Ethnicity	Hispanic	> 15% of population
Race	Black	> 18% of population
Education	< High School Degree	> 14.5% of population
Average Size of Household	Larger Households	> 2.67 persons
Home Value	< \$150,000	> 53% of population

Adherence typically declines with the compounding of multiple risk factors, adherence at Independents behaves a little differently

Diabetes Adherence by Number of Risk Factors – Med D Rx's Only July 2020 – June 2021

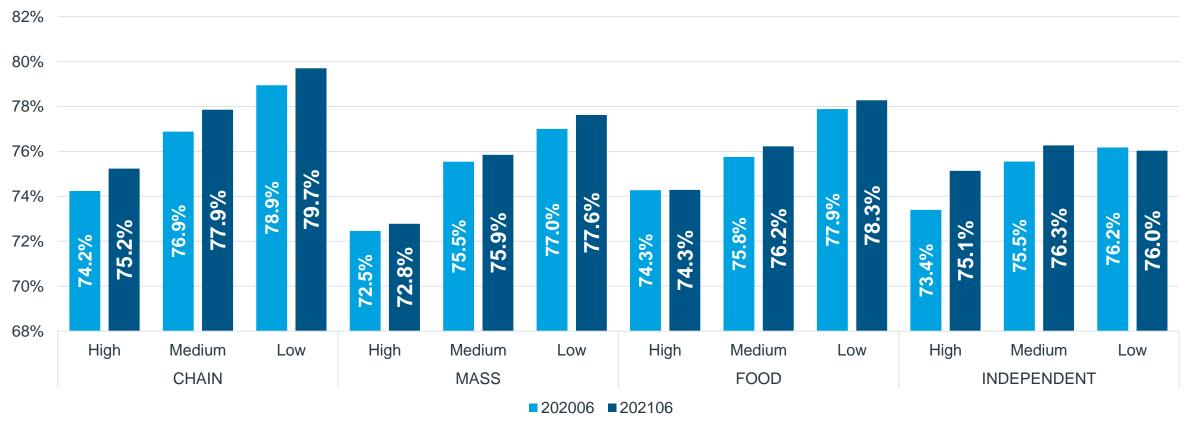


Source: IQVIA, Longitudinal Patient Data, MAT June 2021



Med D Diabetes adherence increased year-over-year for all groups of risk factors, and on average, Chain stores show the most improvement



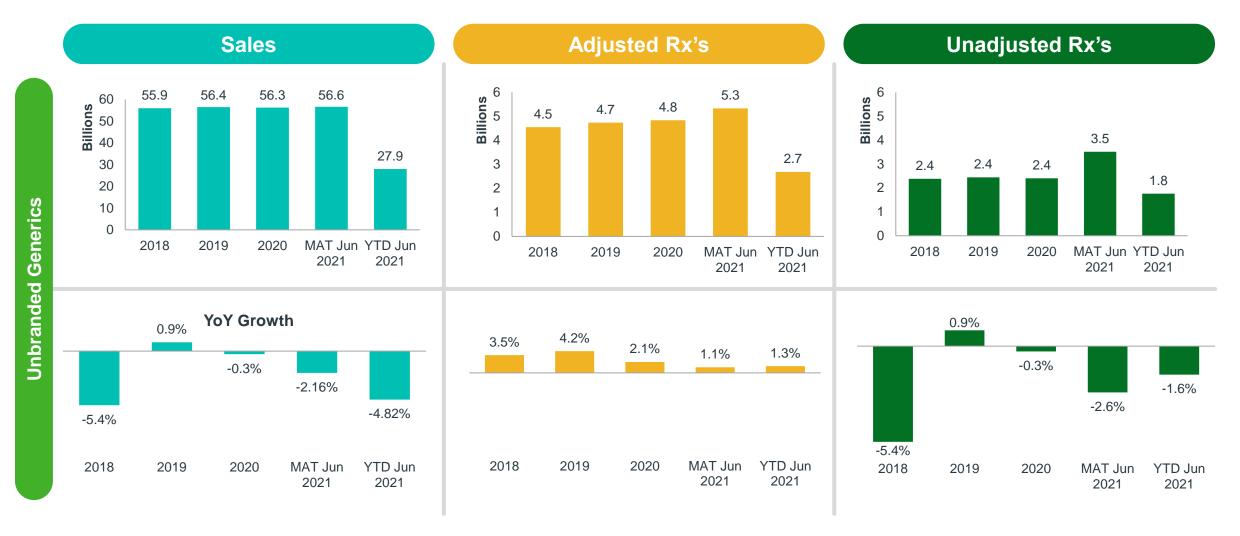


Source: IQVIA, Longitudinal Patient Data, MAT June 2021



Generics & Biosimilars

Unbranded generics show negative sales growth and unadjusted volumes



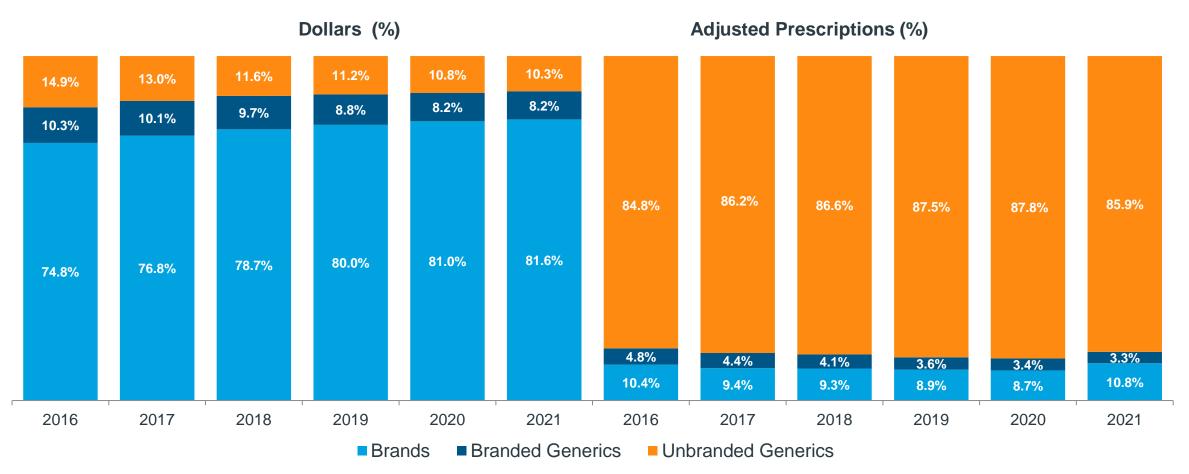
Source: IQVIA, National Sales Perspectives, August 2021

Note: Limited to Rx and OTC Insulins; Includes Retail, Non-Retail and Mail



85.9% of prescriptions are dispensed as unbranded generics for 2021 (adjusted)

Unbranded and branded generics account for 18.4% of spending in 2021

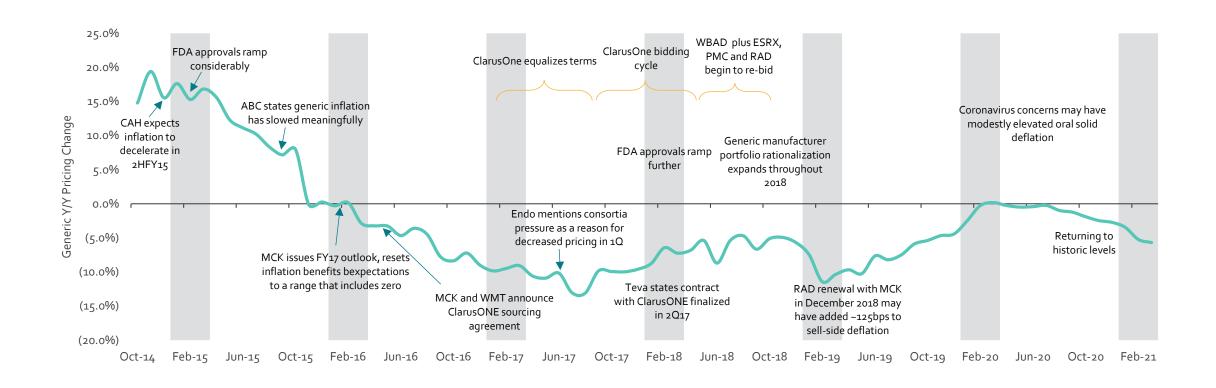


Source: IQVIA, National Sales Perspectives, August 2021

Note: Limited to Rx and OTC Insulins; Includes Retail, Non-Retail and Mail



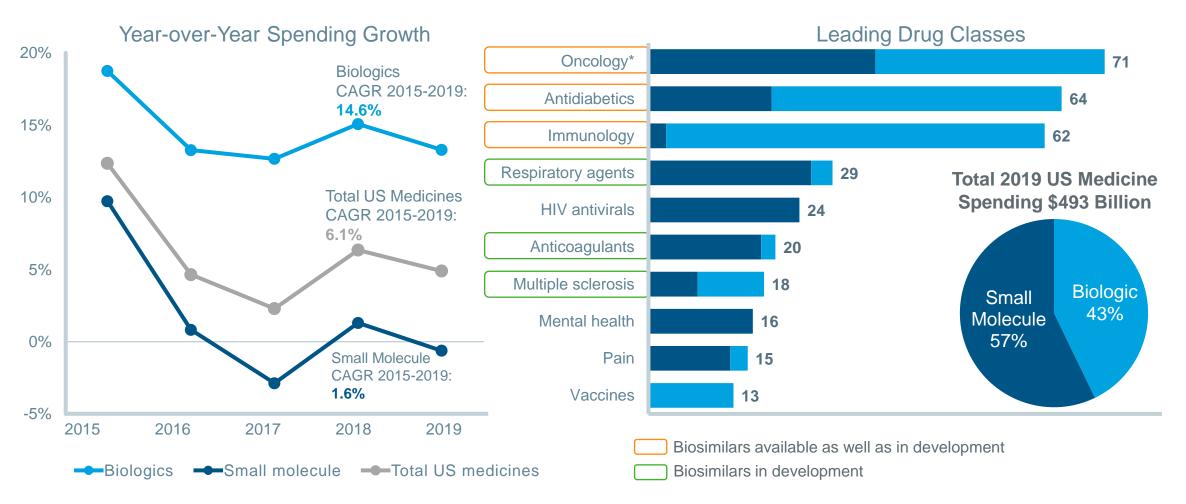
Generic Deflation is running slightly negative and returning to historic levels according to Nephron Research





The U.S. biologics market continues to grow faster than non-biologics on an invoice-basis, and now comprises 43% of spending

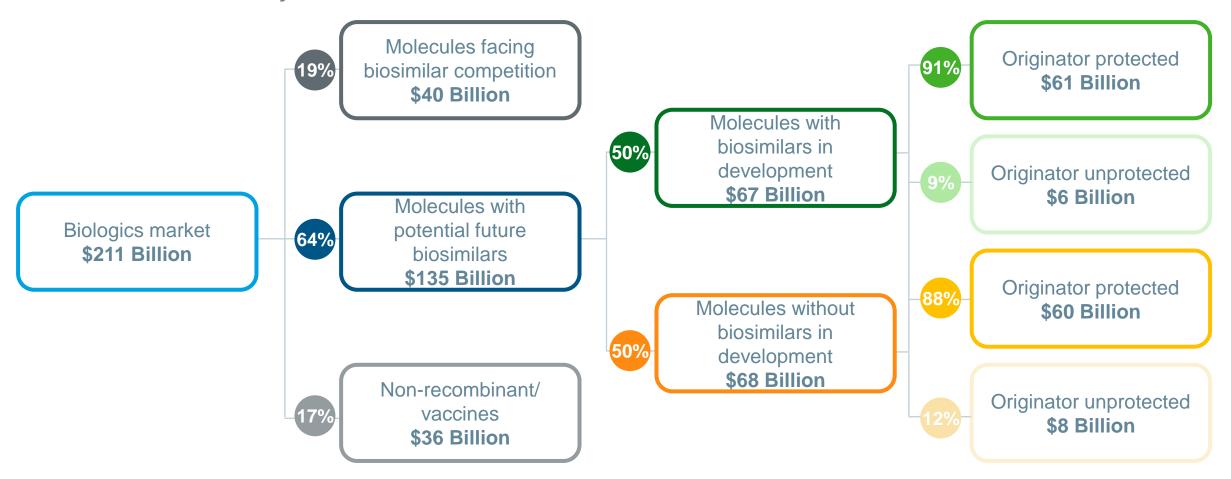
Total U.S. Invoice Spending Growth by Type and Leading Therapy Areas by 2019 Spending, US\$Bn



Source: IQVIA MIDAS®; IQVIA Institute, Jun 2020

Molecules with biosimilars total \$40 billion of invoice spending, while biosimilar development is targeting a further \$67 billion

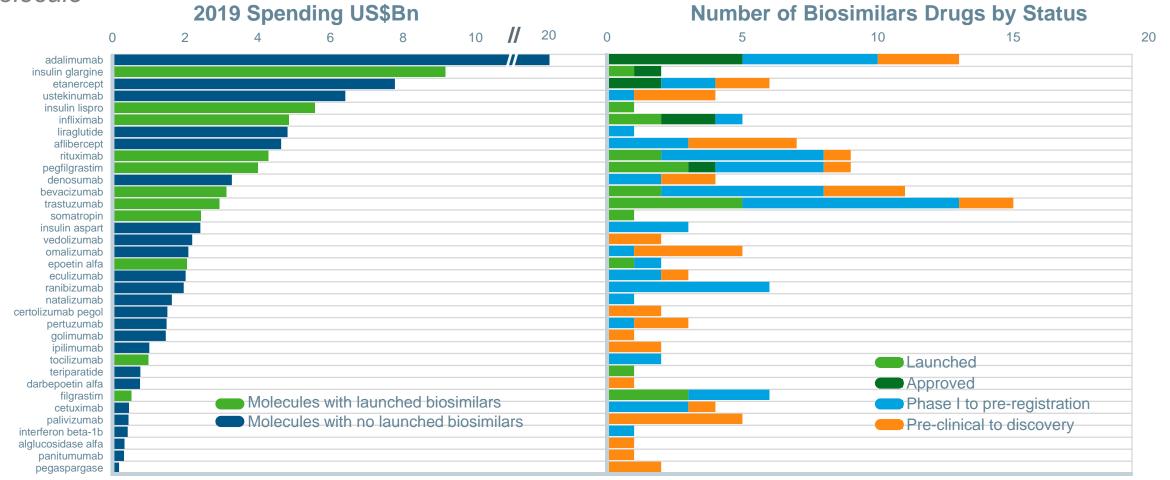
2019 Biologics Market Segmented by Status of Biosimilar Competition, Biosimilar Development and Market Exclusivity



Source: IQVIA MIDAS®; IQVIA Pipeline Intelligence, IQVIA Institute, Jun 2020

There are biosimilars launched, approved, or in development for 35 molecules

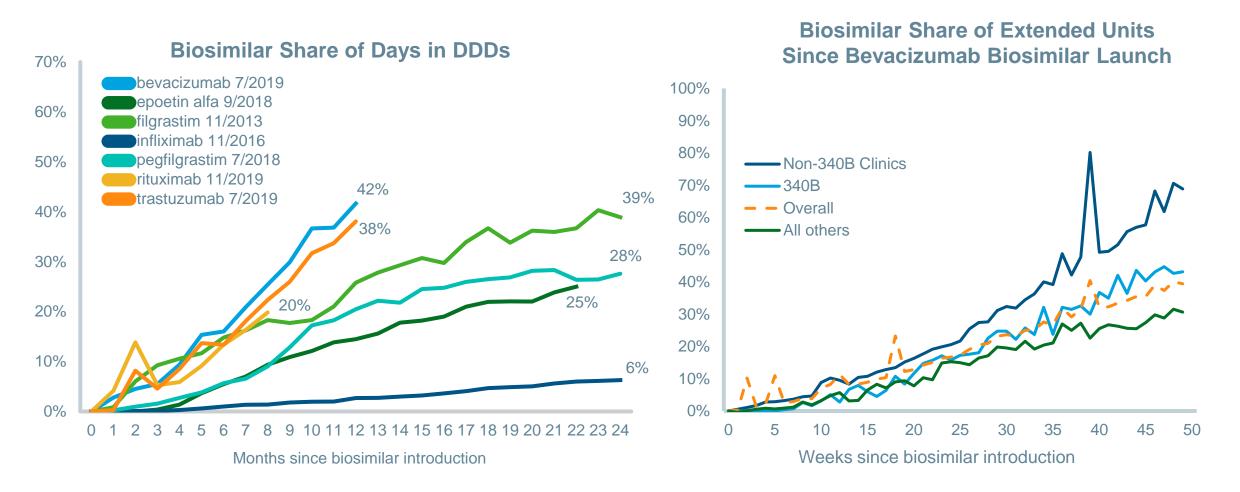
Current Total Molecule Spending and Approved, Launched and Pipeline Biosimilar Products for the Molecule



Source: IQVIA Institute, Sep 2020; IQVIA Biosimilar Database, Jun 2020

Recent biosimilars have achieved high volume shares, projected to reach more than 50% within the first two years, varying by channel

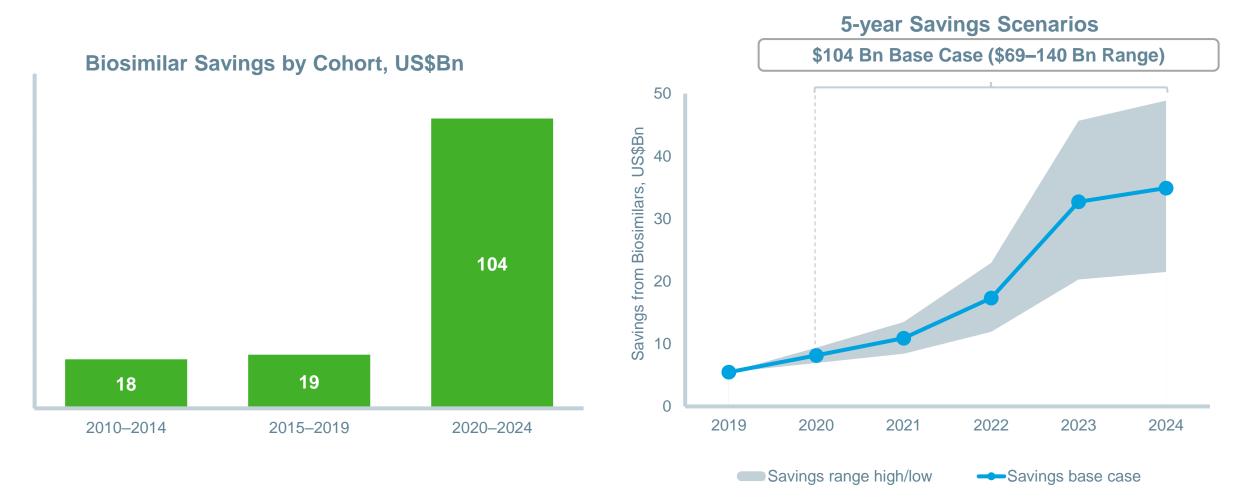
Biosimilar Share of Volume Since Biosimilar Launch



Source: IQVIA MIDAS®, Jun 2020

Savings over the next five years as a result of biosimilars are projected to exceed \$100 billion, though uncertainties remain

Biologic Estimated Savings from Biosimilars at Invoice Prices



Source: IQVIA National Sales Perspectives, Jun 2020; IQVIA Institute, Sep 2020



The impact of exclusivity losses will increase to \$166 billion over the next 5 years mostly due to the availability of biosimilars

Developed Markets Impact of Brand Losses of Exclusivity 2016–2025, US\$Bn









Product Launches



FDA approvals have not decreased during the COVID-19 pandemic and brand teams are moving forward with commercialization



FDA Approvals

The FDA has not slowed down NME approvals since the start of the pandemic



Number of Launches

In FY 2020, there have been 63 launches compared to 69 in FY 2019 (NMEs + promoted branded generics)



Launches Delayed

Of the 49 products approved, only 3 announced a delay due to COVID but are subsequently launched



Launch Trajectories feeling the impact of COVID

Ten months into COVID launches during COVID do appear to be impacted

49 in 2020 and 44 in 2019

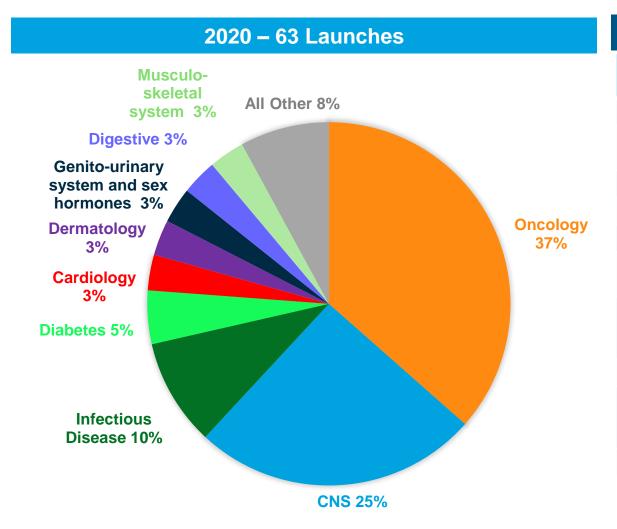
Launches during COVID
Mar-Dec 2020 had 52
launches compared to 61
launches Mar-Dec 2019

Examples of delayed products include Zeposia (MS) and Ongentys & Kynmobi (Parkinson's)

Sales trajectories appear to be impacted by ~60% and EUTRx by ~35%



Gilead's Veklury for COVID-19 leads 2020's launches in sales followed by Horizon's Tepezza (thyroid eye disease) and Allergan's Ubrelvy (acute migraine)



2020 - Top 1	0 Performers
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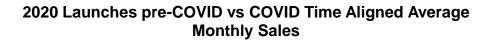
Product	Company	Indication	Launch	Yr 1 Sales to 11/2020	Yr 1 NBRx to 1/1/21
Veklury	Gilead	COVID-19	Oct-20	\$519.5M	NA
Tepezza*	Horizon	Thyroid Eye Disease	Feb-20	\$438.8M	N/A
Ubrelvy	Allergan	Migraine	Jan-20	\$420.2M	178.9k
Nurtec	Biohaven	Migraine	Mar-20	\$236.1M	132.1k
Ruxience	Pfizer	NHL,CLL, MPA	Feb-20	\$173.1M	N/A
Trodelvy	Immuno- medics	Breast Cancer	Apr-20	\$105.8M	N/A
Zirabev	Pfizer	MCRC, NSCLC, rGBM, mRCC, CC	Jan-20	\$68.4M	N/A
Amzeeq	Foamix	Acne	Jan-20	\$37.8M	68.2k
Trazimera	Pfizer	Breast Cancer, gastric or GEJ adenocarcinoma	Mar-20	\$32.9M	N/A
Koselugo	AZ	NF1	Apr-20	\$30.8M	N/A

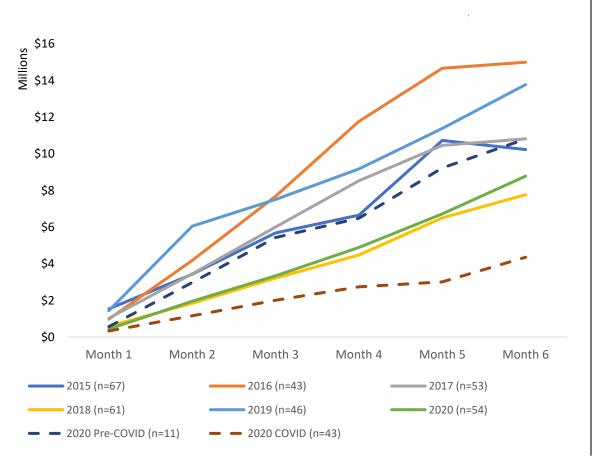
MCRC – metastatic colorectal cancer; NSCLC Non-squamous non-small cell lung cancer rGBM – recurrent glioblastoma; mRCC – metastatic renal cell carcinoma; CC- cervical cancer NHL - non-Hodgkin's lymphoma; CLL -chronic lymphocytic leukemia; MPA - microscopic polyangiitis; NF1 - neurofibromatosis type 1; GEJ - gastroesophageal junction

N/A: NBRx unavailable or likely understated owing to non-retail and non-mail channel distribution *Likely understated owing to product reporting blocks

Products launching during the pandemic lag pre-COVID launches by ~50% to ~75%, with long-term implications

Only products with unambiguous and clear value propositions were successful





Year	6M Sales	% Diff
COVID (n=43)	\$13.6M	
2015 (n=67)	\$38.3M	-64.5%
2016 (n=43)	\$54.3M	-74.9%
2017 (n=53)	\$40.3M	-66.2%
2018 (n=61)	\$24.4M	-44.3%
2019 (n=46)	\$49.3M	-72.4%
2020 Pre-COVID (n=11)	\$35.5M	-61.7%

- The few successful launches in 2021 had very specific value propositions:
 - Gilead's Veklury (remdesivir) treats COVID-19
 - **Ubrelvy** (Allergan) and **Nurtec** (Biohaven) are oral migraine drugs optimally set up for digital channels
 - Horizon's **Tepezza** treats an ultra-rare eye disorder with no marketable treatments
 - Pfizer's Ruxience is a rituximab biosimilar



Product launch summary

Pharmaceutical companies continue to bring new products to market despite the uncertainty introduced by the COVID-19 pandemic; there were 71 launches through December 2020 in line with 69 launches for the same period in 2019. To date, 2021 has seen a similar rate of product launches compared to 2019 and 2020

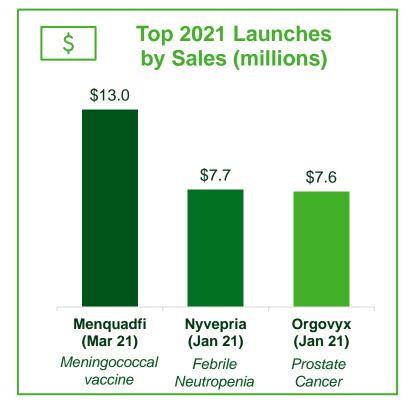
38
Launches thru
Jun 2021



Top Therapy Areas of 2021 Launches

Oncology CNS Infectious

37% 16% 13%



23



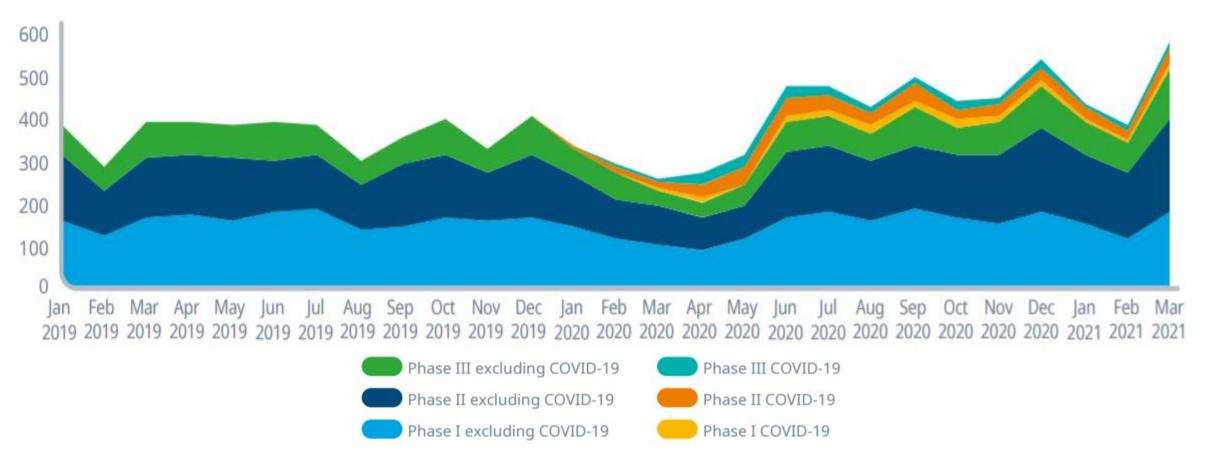
Of the 27 FDA approved New Molecular Entities (NMEs) in 2021 show evidence of launch based on supply in channel or active websites

In 2020, the FDA approved New Molecular Entities (NMEs). Of those 44 out of 49 show evidence of launch.



Monthly clinical trial starts declined significantly in early 2020 but recovered from June to higher levels than in 2019

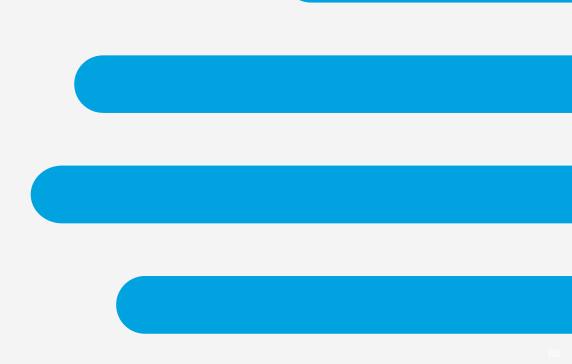
Clinical Trial Starts by Month and Phase Jan 2019–Mar 2021



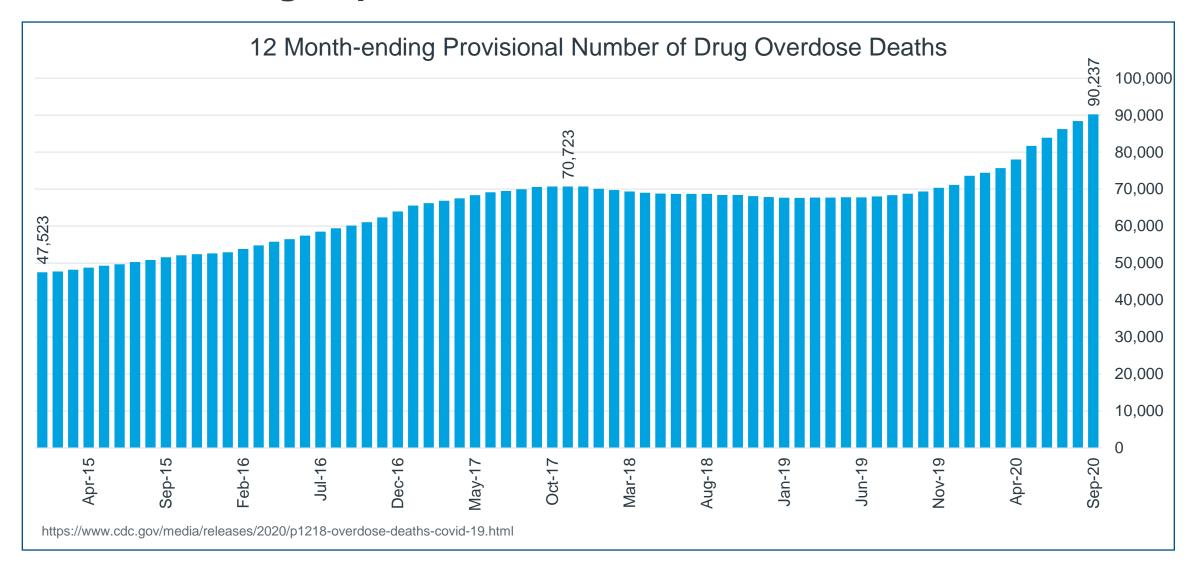




Opioids

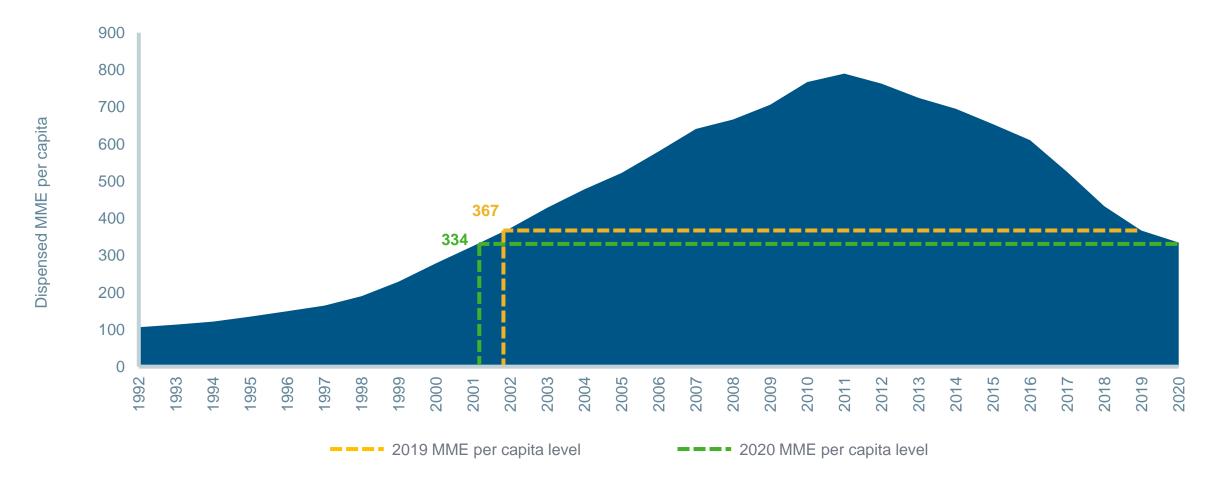


Over 90,000 drug overdose deaths occurred in the US in the 12 months ending September 2020



Continued declines have brought normalized per capita prescription opioid use near the 2001 level

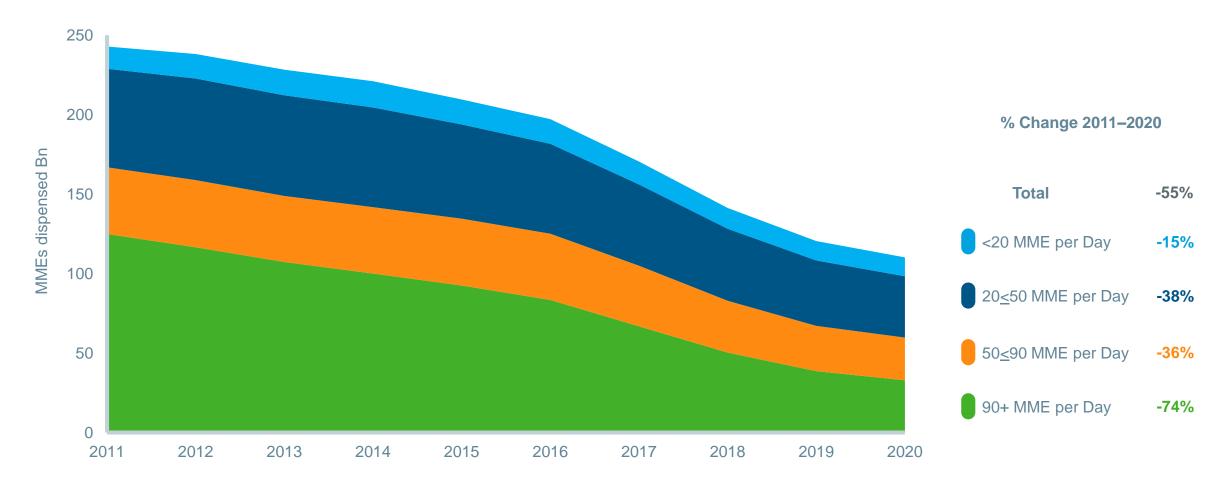
Prescription Opioid Use in Morphine Milligram Equivalents (MME) per Capita, 1992–2020





The greatest reduction in prescription opioid use has been in the highest risk segment, which contain more than 90 MMEs per day

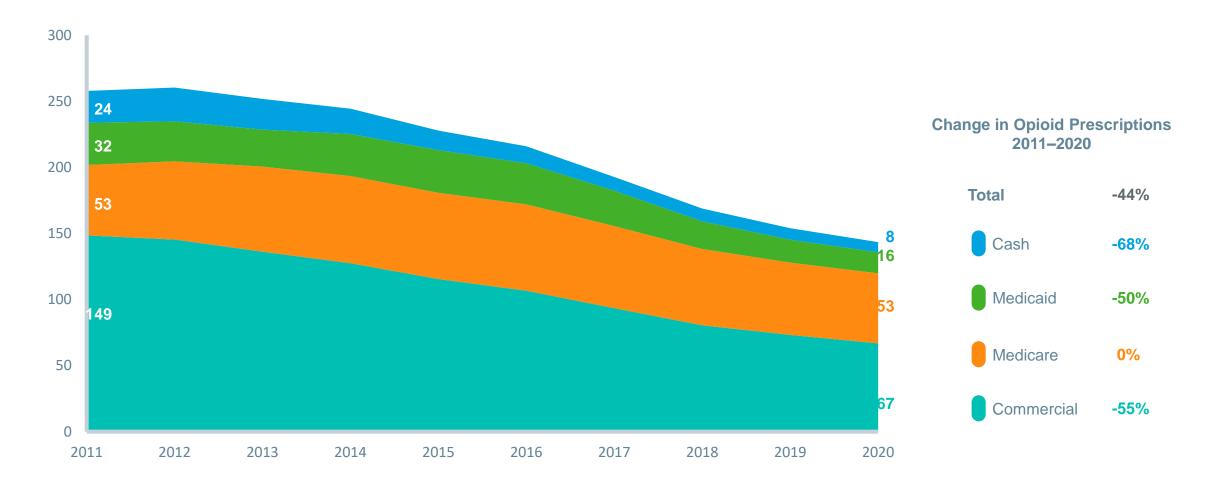
Prescription Opioid Use Segmented by Morphine Milligram Equivalents (MME) per Day, 2011–2020



Source: IQVIA Xponent, Apr 2021; IQVIA Institute, Jul 2021

The number of Medicare opioid prescriptions is unchanged since 2011, while other pay types have declined

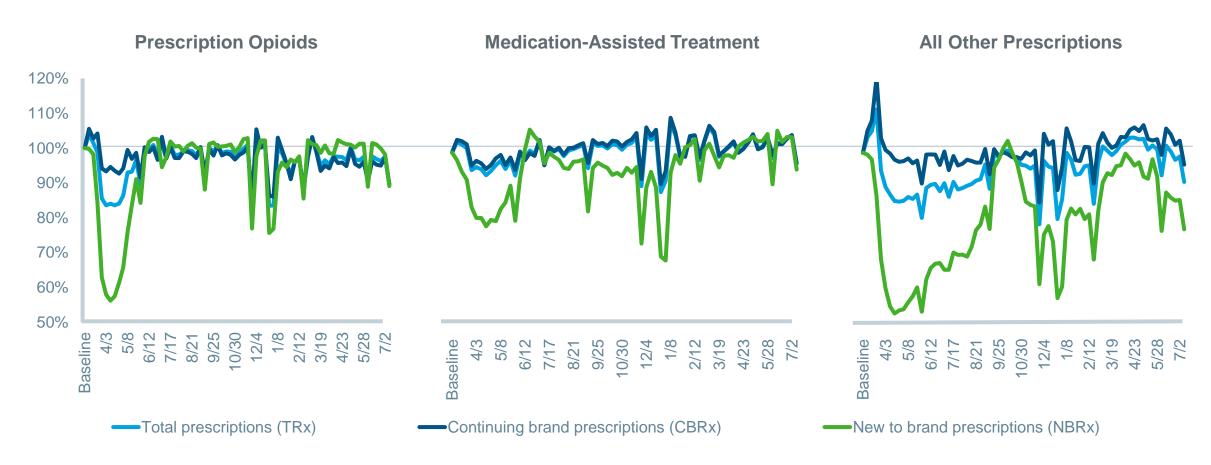
Number of Prescription Opioids Dispensed by Pay Type, Millions, 2011–2020



Source: IQVIA Xponent, Apr 2021; IQVIA Institute, Jul 2021

During the COVID-19 pandemic, as many as 44% fewer new patients received prescription opioids while MAT was less impacted

Prescription Levels of Opioid, Medication-Assisted Treatment, and All Other Medications as a Percentage of Baseline (first 8 weeks of 2020), March 2020-July 2021

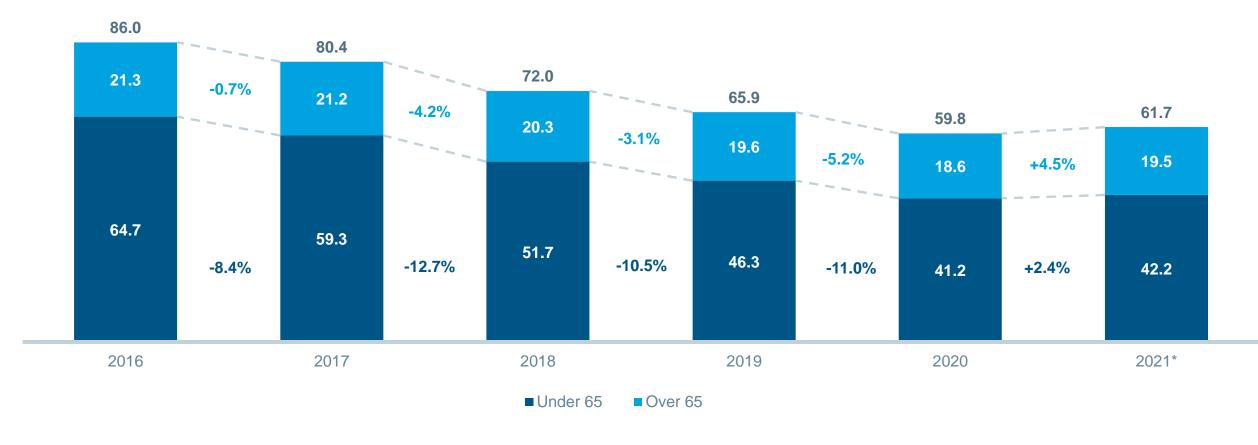


Source: IQVIA New to Brand Weekly, Jul 2021

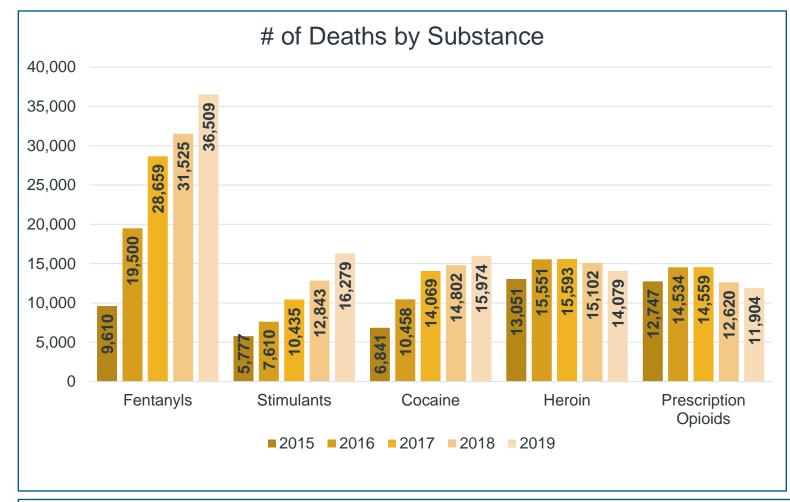


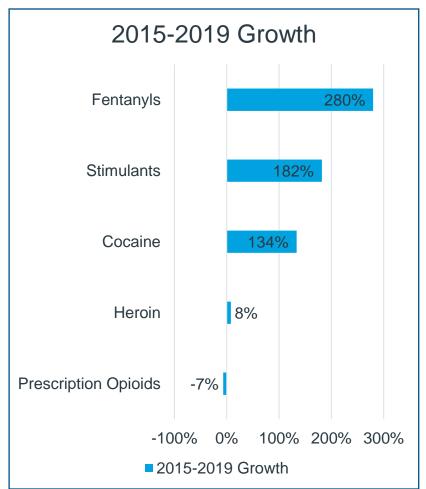
Patients taking benzodiazepines, opioids, or a combination of both, have declined from 86 million to 60 million between 2016 and 2020

Patients Taking Any Benzodiazepine-Opioid, Benzodiazepine, or Opioid Therapy by Age, Millions



"AMA report shows evolving, deadlier overdose epidemic"*





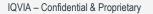
Data Source: CDC Provisional Drug Overdose Death Counts, https://www.cdc.gov/nchs/nvss/vsrr/drug-overdose-data.htm



^{*} https://www.ama-assn.org/press-center/press-releases/ama-report-shows-evolving-deadlier-overdose-epidemic



Outlook for 2021



There have been a series of legacy considerations recognized across stakeholders

Pharmacies

- Reimbursement
- Controlled Substances
- Access to Specialty Drugs
- Purchasing Alliances
- Track and Trace
- · Amazon, Digital pharmacies and cash customers

Wholesalers

- Contract Negotiations
- Controlled Substances
- Generic Price Deflation / Slow Brand Inflation
- Track and Trace
- Purchasing Alliances

Payers

- Managing Specialty Drug Costs
- Rising Oncology costs
- Formularies blocks and exclusive launches

Generic Manufacturers

- Purchasing Alliances
- Portfolio Optimization ("Shrink to Grow") / Market Saturation
- Brand /niche drugs (complex generics)
- Generic Price Deflation
- Which approvals to launch?

Brand/Specialty Manufacturers

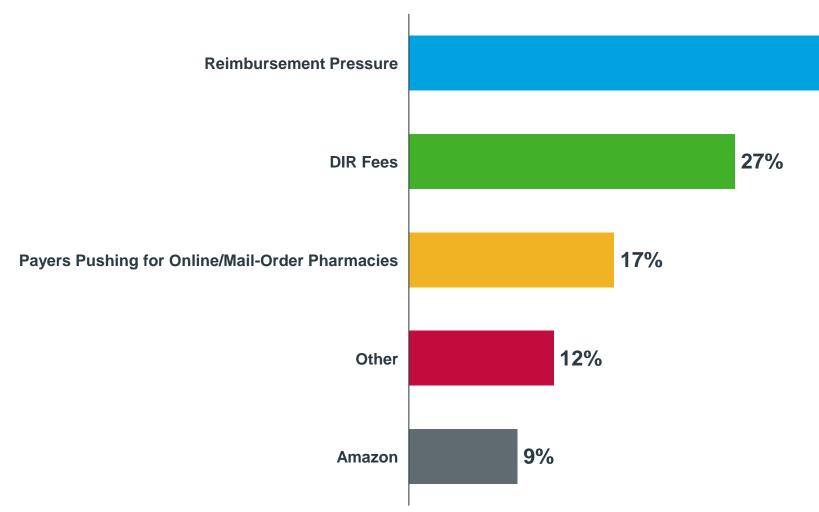
- Price increase backlash
- Becoming more specialized / Oral Specialty
- Declining Hep C and Pain Dollars
- Orphan Drugs
- Copay accumulators

Consumers

- Rising costs: high out-of-pocket costs / coinsurance / accumulators
- Quality of Insurance Coverage
- Specialty Tiers



Drugstore News recently put the following question out to their readers, "What is pharmacy's biggest challenge?"



Among the 12% who didn't think any of the answers supplied by DSN constituted the biggest challenge in the industry, staffing concerns emerged as a leading area of concern — with many noting that fewer people staffing the pharmacy counter means pharmacists are spread too thin.

35%

https://drugstorenews.com/poll-results-reimbursement-top-mind, 8/4/2021



What factors will influence the rebound of the 86 million acute Rx's lost between 2019 and 2020?



Positive Impacts – Increases in Rx's*

- Testing options better identification of cases = improvement in quarantine practices = reduction in overall COVID cases = increases in non-COVID Rx's
- More elective surgeries increase in non-COVID Rx's (pain, anti-infectives)
- More routine office visits increase in non-COVID Rx's (> Avg Rx per visit than telehealth)
- Mask mandates lifted increases in cough/cold flu Rx's
- Improved access to vaccine decrease in cases = return to normal life = overall increase in non-COVID Rx's
- LTC shifting back to pre-COVID levels increase in LTC (chronic and acute) Rx's



Unknown Impacts – not certain how this will impact Rx's

- Hand washing & hand sanitizer ingrained in daily lives = decrease in cough/cold/flu = decrease in Rx's but potentially leading to fewer COVID cases = increase in overall non-COVID Rx's
- Return to school/work/travel/conventions/ dining/entertainment – could result in increases in cough/cold/flu cases and associated Rx's but could also increase COVID cases which could decrease non-COVID Rx's



Negative Impacts – Decreases in Rx's

- Telemedicine plateauing but likely here to stay = fewer Rx's per visit than traditional in person visit
- Flu vaccines will they match the historic numbers from last season? If so, could result in decreases in non-COVID/Cough/Cold Rx's



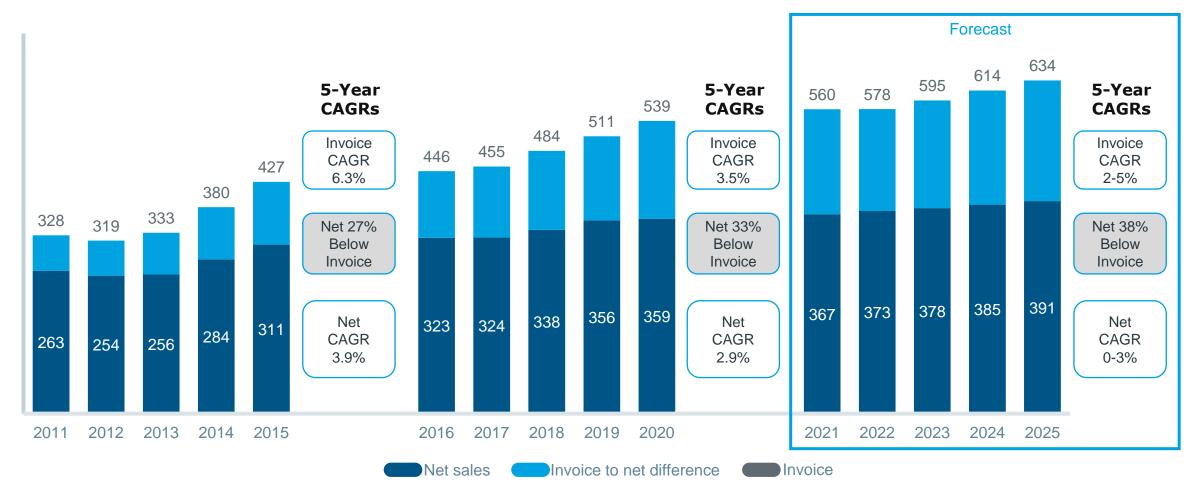
However, with the pandemic, new trends may define 2021—and beyond

Prices scrutinized; increasing pressure **NCE launches** must adapt to an uncertain to demonstrate value environment; biosimilars grow into maturity All geographies and stakeholders **Some markets** showcase **resilience** impacted by the pandemic and growth 2020s Healthcare must address COVID disruption - pharma has a role Successful vaccination will **not** Telehealth necessarily mean a return to business as usual Reinforced supply chains Self-administered therapy options Widespread and successful vaccination Remote/digital HCP engagement now seems more likely; immunity longevity remains a question mark COVID testing and vaccines



The U.S. spending forecast reflects an increasing gap between invoice level spending and manufacturer net revenues

U.S. Medicine Spending and Growth at Invoice-level and Estimated Net 2011–2025



Source: IQVIA Institute, Feb 2021

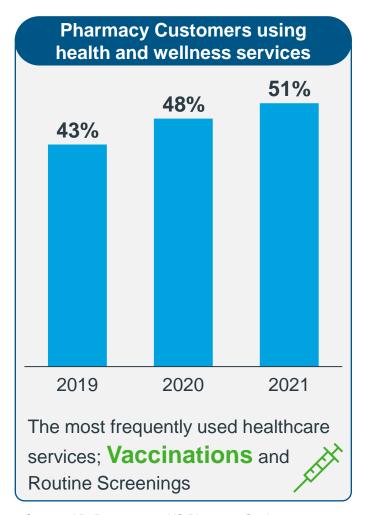
Patients visit pharmacies 10x more frequently than they see other healthcare providers¹



¹ Hemberg N, Huggins D, et al. Innovative Community Pharmacy Practice Models in North Carolina. North Carolina Medical Journal. June 2017. http://www.ncmedicaljournal.com/content/78/3/112VIA© 2021 Confidential & Proprietary



51% of pharmacy customers have used health and wellness services over the last year according to J.D. Powers



Other key findings

Customers who use at least 1 health and wellness-oriented service spend an average of \$5 more than those who do not use these services



Overall satisfaction and brand advocacy scores also increased **24** points when customers utilized wellness services



Mobile app integration in pharmacies is becoming **increasingly vital**:

- **-26** percent of brick-and-mortar customers
- -27 percent of small order customers accessed their pharmacy's mobile app



Satisfaction with brick-and-mortar mobile apps landed at 848, and overall satisfaction with mail-order mobile apps was 868

Researchers noted that both of these scores are higher than the average mobile app or text message satisfaction score of

826 seen in the J.D. Power 2021 Commercial Member Health Plan Study



Source: J.D. Powers 2021 US Pharmacy Study



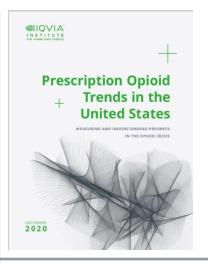
The IQVIA Institute produces a number of reports on a regular basis that you might find useful, check them out



Despite the COVID-19 pandemic having a substantial impact on patient care during 2020, the scientific advances in clinical trial activity, the pipeline of new treatments, and the increased use of available therapeutics, continued largely unaffected and reflect the commitment to advancing care for patients by oncologists, other care providers, governments and payers, and life sciences companies.



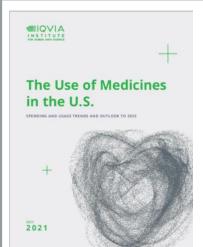
This report examines the trends in pharmaceutical research and development through the end of 2020. It provides an analysis of initiated clinical trials. including the impact of the pandemic and COVID-19specific research. Research on clinical development productivity is also presented, as well as profiles of the R&D pipeline, R&D funding trends, and characteristics of new drug approvals and launches.



The opioid epidemic has captivated the country for a decade, although it lost attention this year in the face of the COVID-19 pandemic, which affected the life and healthcare of patients with chronic pain and addiction and so many others.



The future level of global spending on medicines has implications for healthcare systems and policymakers across developed and emerging economies, and these issues are even more important in light of the ongoing global COVID-19 pandemic.



The U.S. health system demonstrated resilience and flexibility during 2020, recovering toward its prepandemic levels of activity and progressing into 2021, even as the backlog of missed or delayed activity remains substantial. Medicine supply was largely maintained and spending on medicines increased by less than 1% on a net price basis.



Innovation in digital health tools, including mobile health apps and wearable sensors, bring new approaches to the management of health conditions. Digital therapeutics to treat human disease are being approved by regulatory agencies around the world and routes to reimbursement are being established as developers generate and submit highquality data on effectiveness to payers and employers.

All these reports and others can be found at: https://www.igvia.com/insights/the-iqvia-institute/reports



Thank you

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Doug Long is Vice President of Industry Relations at IQVIA (formerly QuintilesIMS), the world's largest pharmaceutical information company. IQVIA offers services to the pharmaceutical industry in over 100 countries around the globe. Doug has been with IQVIA since 1989.

His fundamental task is to help secure data for all existing and new databases supported by IQVIA, manage supplier, manufacturer & association relationships, and develop information for data partners. As direct consequence of his involvement in these areas, Doug has considerable experience with, and a unique perspective on, the changing U.S. and global healthcare marketplace and pharmaceutical distribution.

Doug is a frequent industry speaker and the recipient of many awards from trade groups. Before joining IQVIA Doug held positions at Nielsen Market Research for 16 years in various sales and marketing capacities. A native of Illinois, Doug received a BA from DePauw University and holds an MBA in management from Fairleigh Dickinson University.

doug.long@iqvia.com





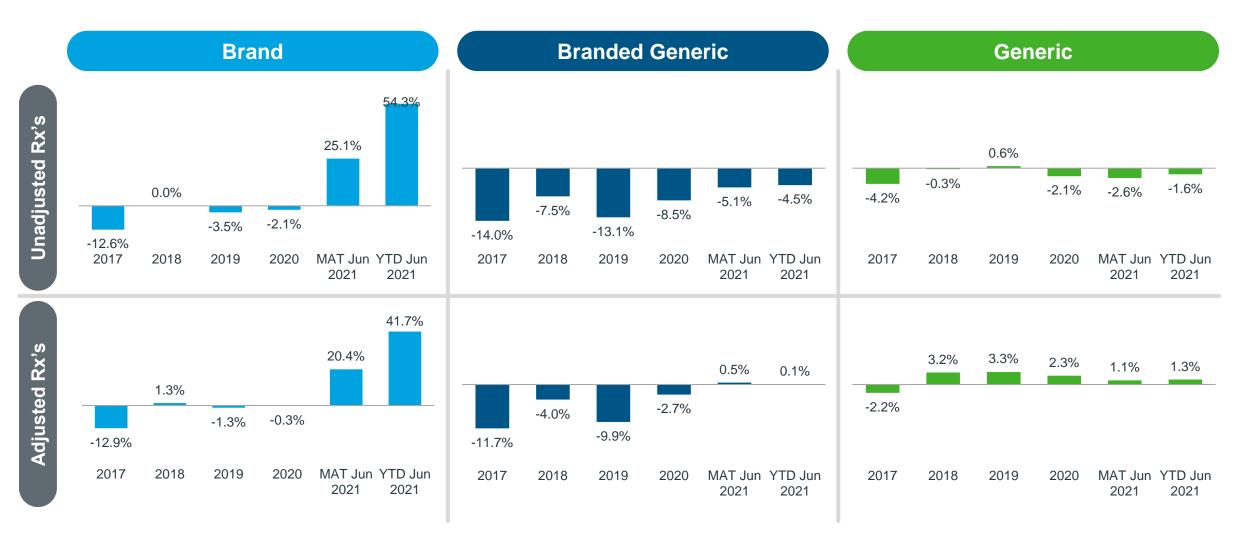
Scott Biggs, Director, Supplier Services

Scott Biggs is Director of Supplier Services at IQVIA (previously known as QuintilesIMS), the world's largest pharmaceutical information company, serving over 101 countries. He has been with IQVIA since 2011.

Prior to IQVIA Scott worked for other pharmaceutical information companies for several years and worked at Rite Aid Corporation in multiple roles for over 10 years. Scott received a BS degree from Penn State University in Accounting and has been working with pharmacy data for almost 25 years.

In his role at IQVIA Scott has worked with retailers, software vendors and other data suppliers where he has helped them to understand their performance in the market place through business reviews and market analysis.

Brand Adjusted and Unadjusted Rx growth has exploded due to COVID vaccines

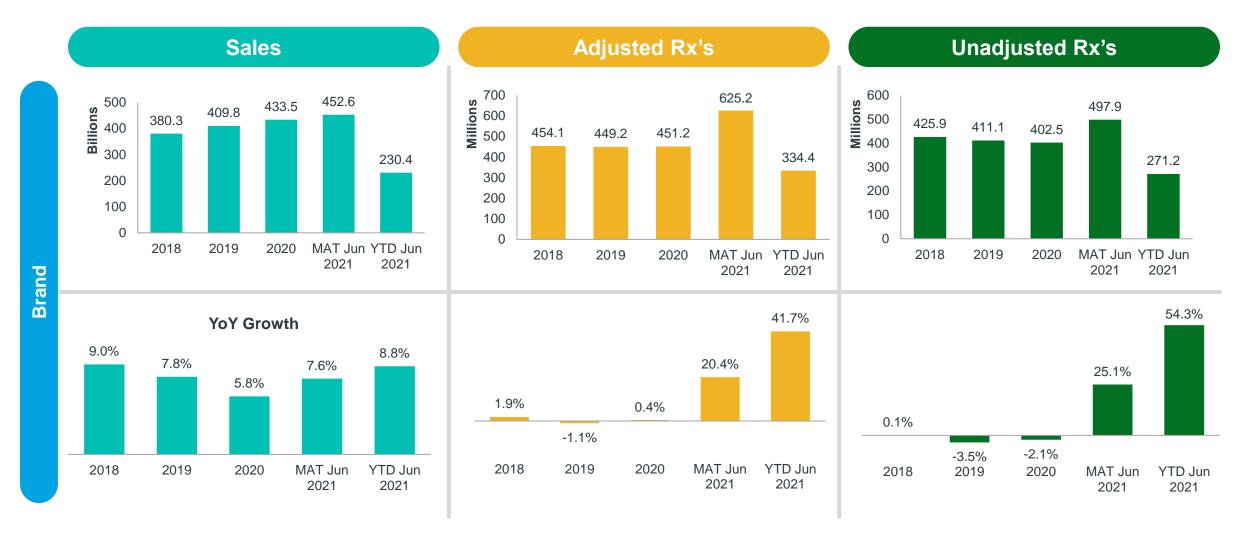


Source: IQVIA, Xponent®, April 2021

Note: Limited to Rx and OTC Insulins; Includes Retail and Mail



COVID Vaccines drive Brand Rx volumes



Source: IQVIA, National Sales Perspectives, August 2021, Xponent® Note: Limited to Rx and OTC Insulins; Includes Retail, Non-Retail and Mail



For retail and mail channels (combined), specialty growth is outpacing traditional growth and now has ~41% share of total non-discounted spend

In MAT June 2021, specialty spend increased 8.6% while traditional products grew 5.1%

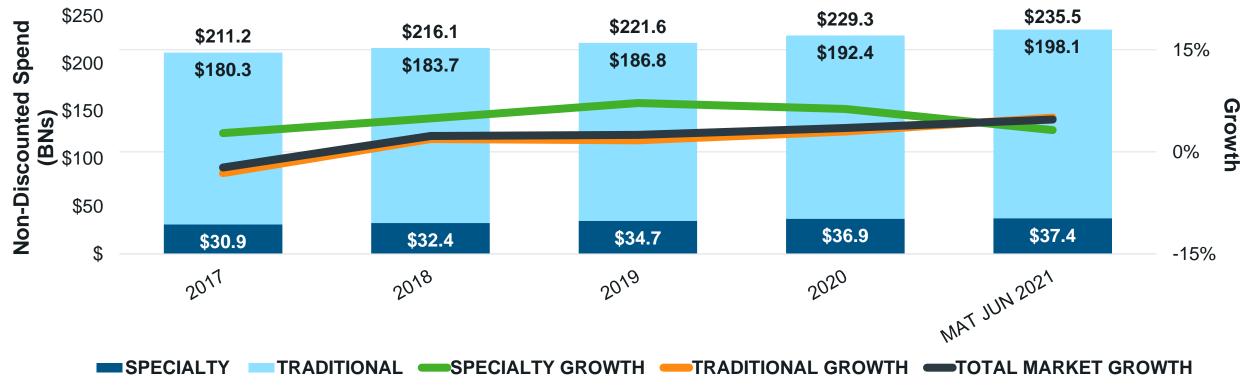


Share of Sales	2017	2018	2019	2020	MAT JUN 2021
SPECIALTY	36.3%	37.5%	39.6%	41.1%	41.4%
TRADITIONAL	63.7%	62.5%	60.4%	58.9%	58.6%



For the retail channel, traditional growth is outpacing specialty growth and now has ~84% share of total non-discounted spend

In MAT June 2021, specialty spend increased 3.2% while traditional grew 5.0%

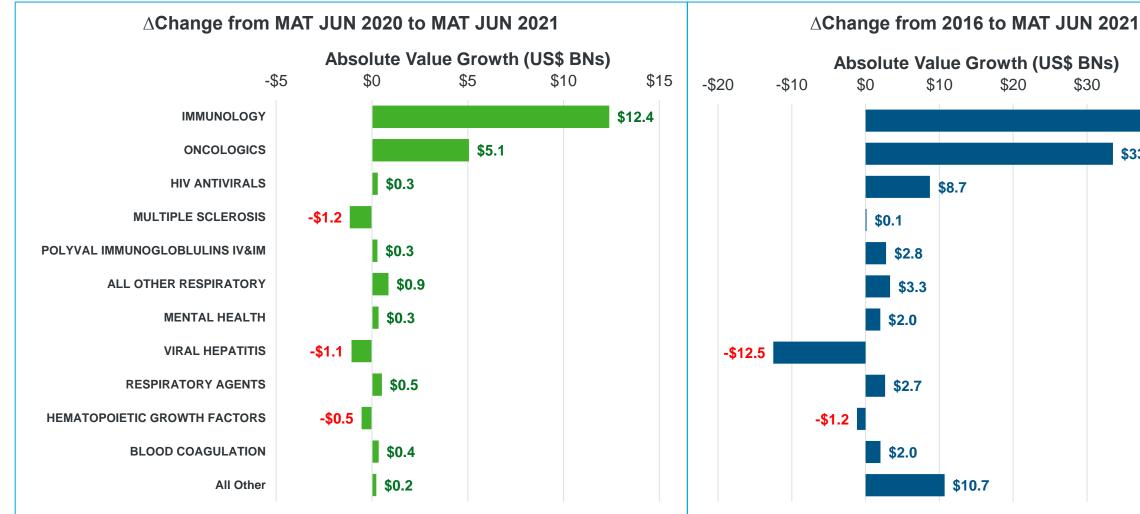


Share of Sales	2017	2018	2019	2020	MAT JUN 2021
SPECIALTY	14.6%	15.0%	15.7%	16.1%	15.9%
TRADITIONAL	85.4%	85.0%	84.3%	83.9%	84.1%



In 2021, Immunology, Oncologics, All other respiratory Specialty absolute value growth while Multiple Sclerosis, Viral Hepatitis and Hematopoietic Growth factors vaccine contributed most to value decline

Absolute Value Growth for Top Specialty Therapy Areas



\$40

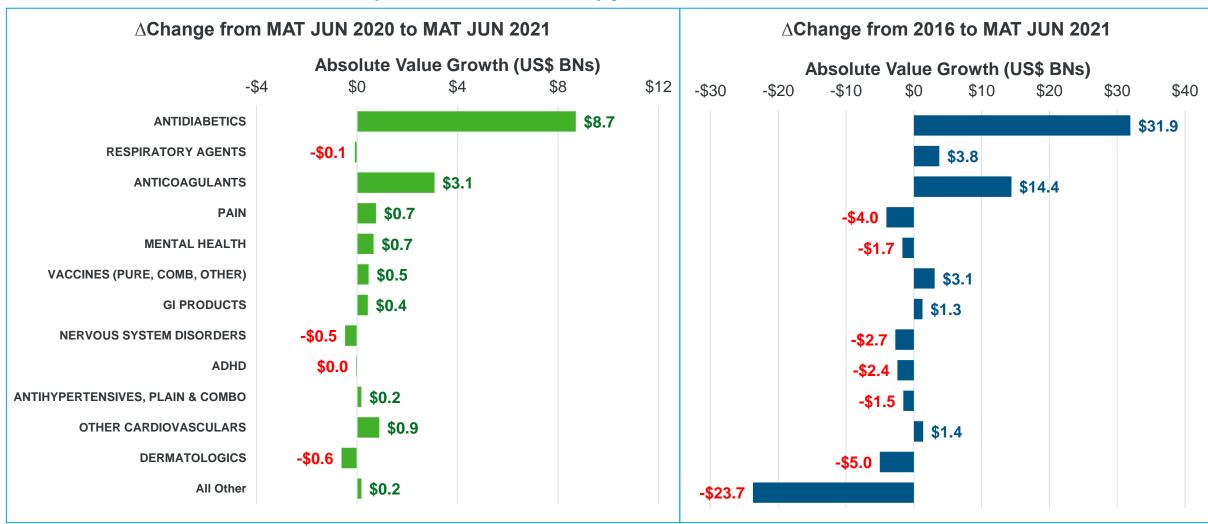
\$33.5

\$50

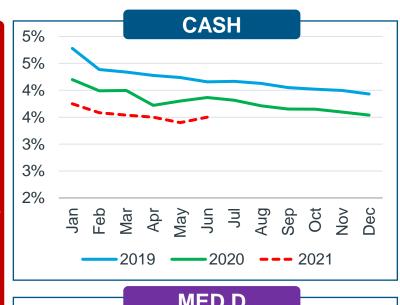
49.4

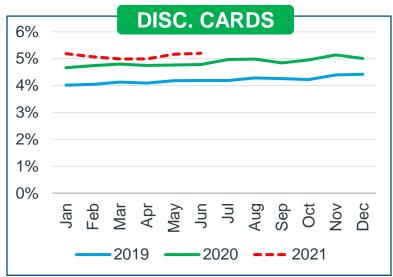
Antidiabetics, Anticoagulants and Other Cardiovasculars lead traditional products absolute value growth

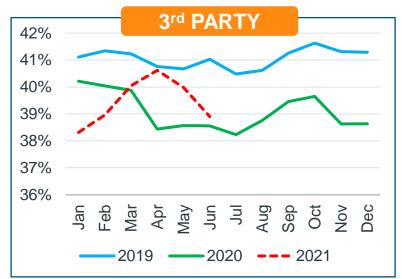
Absolute Value Growth for Top Traditional Therapy Areas

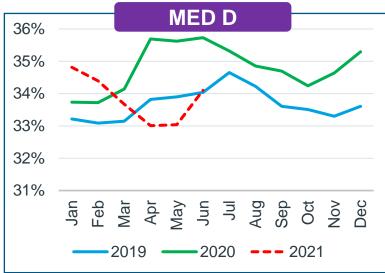


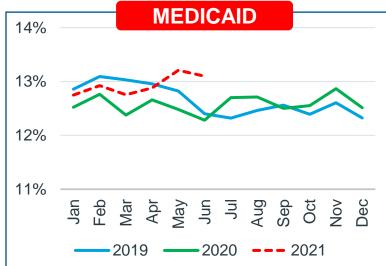
Cash, Med D, and Discount Cards slightly increase; Third Party and Medicaid decrease











NOTE: Discount Cards are removed from 3rd Party



Adjusted Rx's

OU

Market Share based