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LLC

# Federal Reserve Release 6/16/21

**Table 1. Economic projections of Federal Reserve Board members and Federal Reserve Bank presidents, under their individual assumptions of projected appropriate monetary policy, June 2021**

Percent

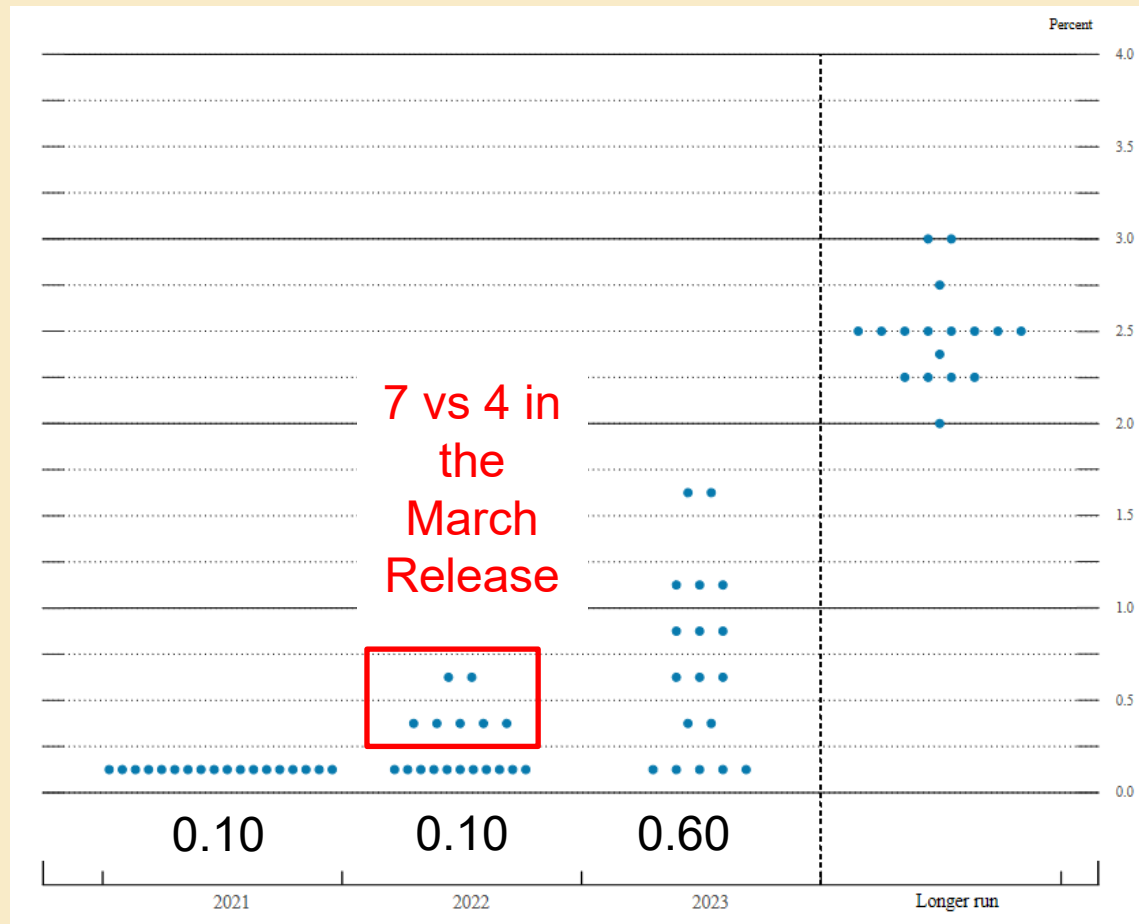
Variable	Median <sup>1</sup>				Central Tendency <sup>2</sup>				Range <sup>3</sup>			
	2021	2022	2023	Longer run	2021	2022	2023	Longer run	2021	2022	2023	Longer run
Change in real GDP	7.0	3.3	2.4	1.8	6.8-7.3	2.8-3.8	2.0-2.5	1.8-2.0	6.3-7.8	2.6-4.2	1.7-2.7	1.6-2.2
March projection	6.5	3.3	2.2	1.8	5.8-6.6	3.0-3.8	2.0-2.5	1.8-2.0	5.0-7.3	2.5-4.4	1.7-2.6	1.6-2.2
Unemployment rate	4.5	3.8	3.5	4.0	4.4-4.8	3.5-4.0	3.2-3.8	3.8-4.3	4.2-5.0	3.2-4.2	3.0-3.9	3.5-4.5
March projection	4.5	3.9	3.5	4.0	4.2-4.7	3.6-4.0	3.2-3.8	3.8-4.3	4.0-5.5	3.2-4.2	3.0-4.0	3.5-4.5
PCE inflation	3.4	2.1	2.2	2.0	3.1-3.5	1.9-2.3	2.0-2.2	2.0	3.0-3.9	1.6-2.5	1.9-2.3	2.0
March projection	2.4	2.0	2.1	2.0	2.2-2.4	1.8-2.1	2.0-2.2	2.0	2.1-2.6	1.8-2.3	1.9-2.3	2.0
Core PCE inflation <sup>4</sup>	3.0	2.1	2.1		2.9-3.1	1.9-2.3	2.0-2.2		2.7-3.3	1.7-2.5	2.0-2.3	
March projection	2.2	2.0	2.1		2.0-2.3	1.9-2.1	2.0-2.2		1.9-2.5	1.8-2.3	1.9-2.3	
Memo: Projected appropriate policy path												
Federal funds rate	0.1	0.1	0.6	2.5	0.1	0.1-0.4	0.1-1.1	2.3-2.5	0.1	0.1-0.6	0.1-1.6	2.0-3.0
March projection	0.1	0.1	0.1	2.5	0.1	0.1-0.4	0.1-0.9	2.3-2.5	0.1	0.1-0.6	0.1-1.1	2.0-3.0

Table 1. Economic projections of Federal Reserve Board members and Federal Reserve Bank presidents, under their individual assumptions of projected appropriate monetary policy, June 2021

Percent

Variable	Median <sup>1</sup>			
	2021	2022	2023	Longer run
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March projection	2.4	2.0	2.1	2.0
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Memo: Projected appropriate policy path				
Federal funds rate	0.1	0.1	0.6	2.5
March projection	0.1	0.1	0.1	2.5

Figure 2. FOMC participants' assessments of appropriate monetary policy: Midpoint of target range or target level for the federal funds rate



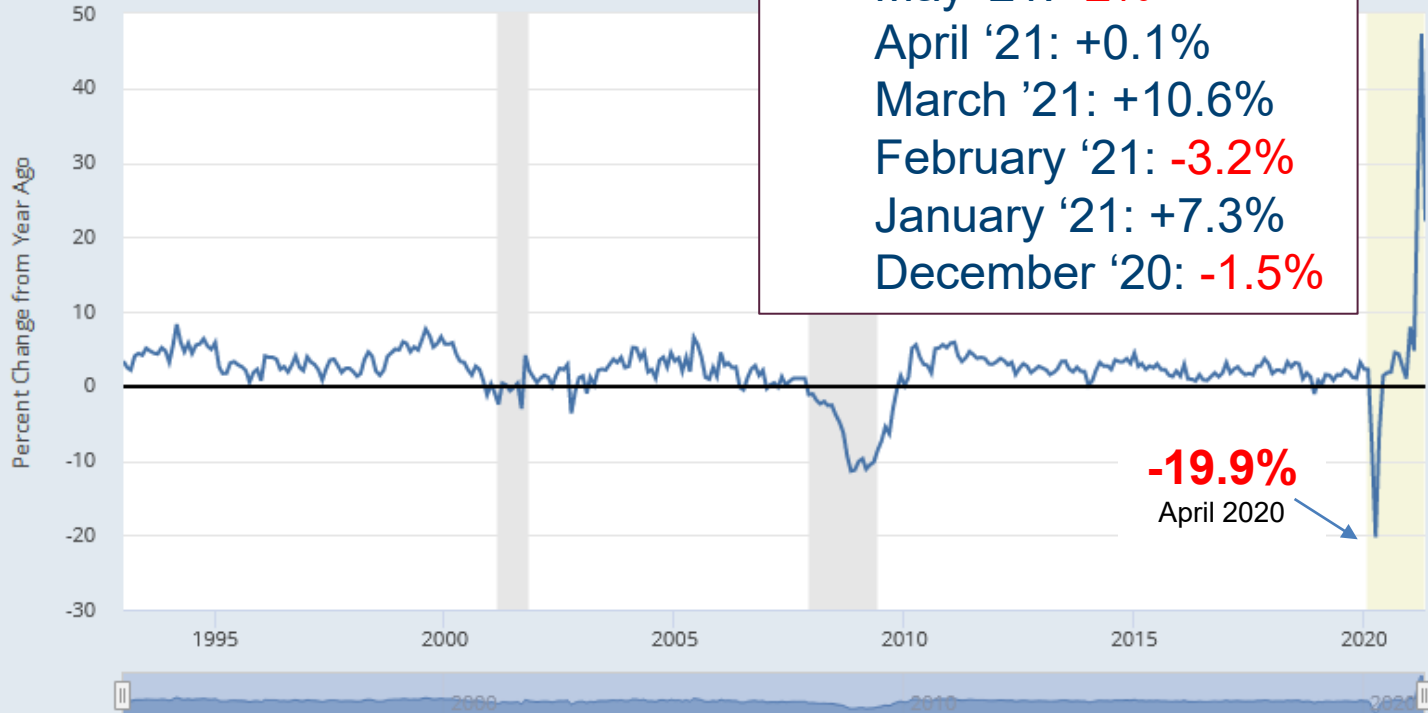
# ★ Advance Real Retail and Food Services Sales (RRSFS)

**Observation:**  
May 2021: 22.1 (+ more)  
Updated: Jun 15, 2021

**Units:**  
Percent Change from Year Ago,  
Seasonally Adjusted

**Frequency:**  
Monthly

**FRED** — Advance Real Retail and Food Services Sales



**Table 2. Estimated Change in Monthly Sales for Retail and Food Services, by Kind of Business**


(Estimates are shown as percents and are based on data from the Advance Monthly Retail Trade Survey, Monthly Retail Trade Survey, and administrative records.)

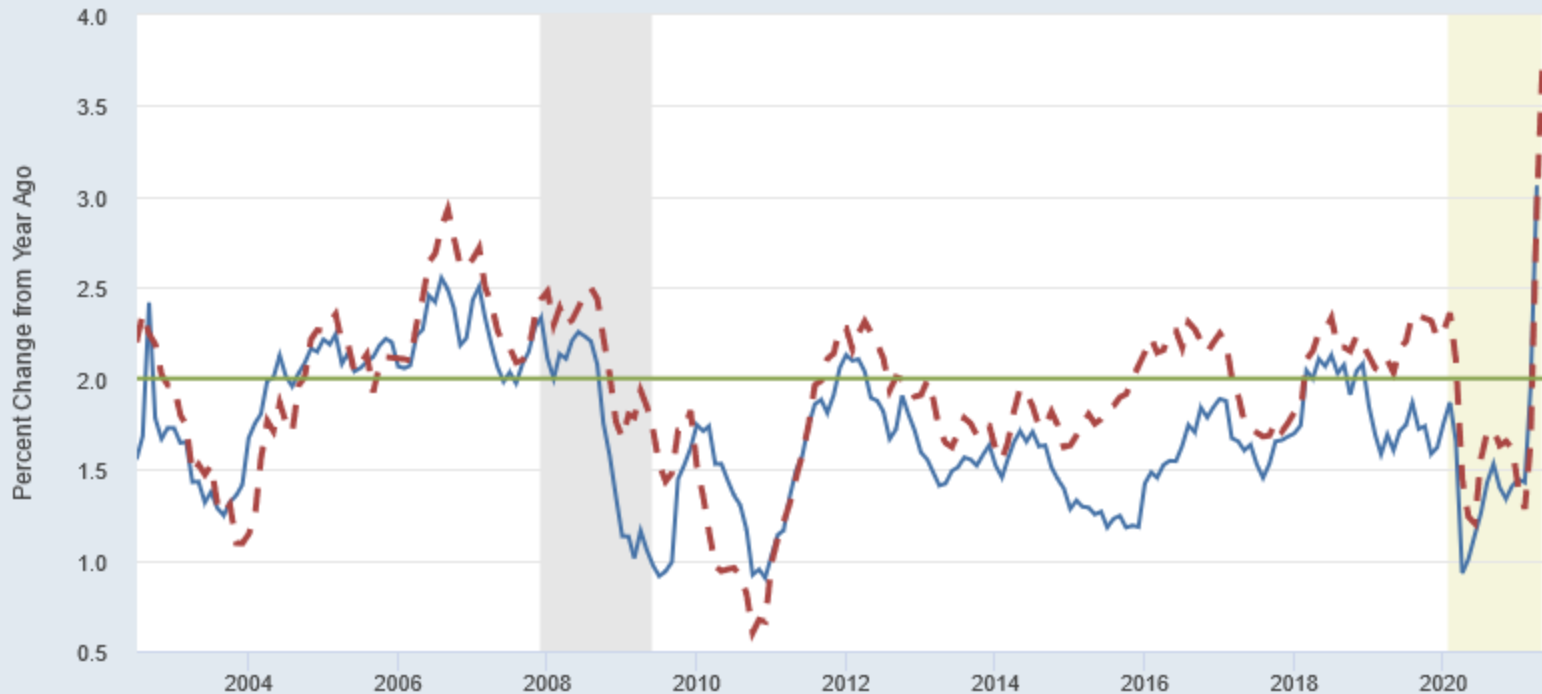
NAICS code	Kind of Business	Percent Change <sup>1</sup>					
		May 2021 Advance from --		Apr. 2021 Preliminary from --		Mar. 2021 through May 2021 from --	
		Apr. 2021 (p)	May 2020 (r)	Mar. 2021 (r)	Apr. 2020 (r)	Dec. 2020 through Feb. 2021	Mar. 2020 through May 2020
	<b>Retail &amp; food services,</b>						
	total .....	-1.3	28.1	0.9	53.4	11.9	36.2
	Total (excl. motor vehicle & parts) .....	-0.7	26.4	0.0	42.7	10.4	29.5
	Total (excl. gasoline stations) .....	-1.5	26.3	1.1	51.9	11.8	35.0
	Total (excl. motor vehicle & parts & gasoline stations) .....	-0.8	23.8	0.1	39.9	10.1	27.4
	Retail .....	-1.7	24.4	0.5	48.1	11.0	33.1
441	<b>Motor vehicle &amp; parts dealers .....</b>	<b>-3.7</b>	<b>34.8</b>	<b>4.3</b>	<b>107.1</b>	<b>17.8</b>	<b>67.0</b>
4411, 4412	Auto & other motor veh. dealers ...	-3.9	36.7	4.5	114.3	18.1	70.8
442	<b>Furniture &amp; home furn. stores .....</b>	<b>-2.1</b>	<b>66.6</b>	<b>0.7</b>	<b>200.6</b>	<b>8.7</b>	<b>88.3</b>
443	<b>Electronics &amp; appliance stores .....</b>	<b>-3.4</b>	<b>91.3</b>	<b>1.5</b>	<b>139.9</b>	<b>18.5</b>	<b>79.2</b>
444	<b>Building material &amp; garden eq. &amp; supplies dealers.....</b>	<b>-5.9</b>	<b>10.5</b>	<b>-2.3</b>	<b>31.9</b>	<b>9.2</b>	<b>24.4</b>
445	<b>Food &amp; beverage stores.....</b>	<b>1.0</b>	<b>0.7</b>	<b>0.7</b>	<b>2.0</b>	<b>2.0</b>	<b>-3.4</b>
4451	Grocery stores .....	1.2	0.1	0.9	0.3	1.6	-4.9
446	<b>Health &amp; personal care stores .....</b>	<b>1.8</b>	<b>25.6</b>	<b>1.0</b>	<b>24.8</b>	<b>8.5</b>	<b>17.9</b>
447	<b>Gasoline stations .....</b>	<b>0.7</b>	<b>57.0</b>	<b>-1.1</b>	<b>75.8</b>	<b>13.5</b>	<b>53.6</b>
448	<b>Clothing &amp; clothing accessories stores .....</b>	<b>3.0</b>	<b>200.3</b>	<b>-2.0</b>	<b>764.6</b>	<b>21.3</b>	<b>228.9</b>
451	<b>Sporting goods, hobby, musical instrument, &amp; book stores .....</b>	<b>-0.8</b>	<b>44.1</b>	<b>-2.3</b>	<b>157.3</b>	<b>20.2</b>	<b>81.8</b>
452	<b>General merchandise stores.....</b>	<b>-3.3</b>	<b>10.3</b>	<b>-2.2</b>	<b>21.9</b>	<b>9.2</b>	<b>13.2</b>
4521	Department stores .....	1.6	28.0	-0.6	77.5	15.1	40.4
453	<b>Miscellaneous store retailers .....</b>	<b>-5.0</b>	<b>47.3</b>	<b>-0.6</b>	<b>85.6</b>	<b>6.8</b>	<b>55.0</b>
454	<b>Nonstore retailers .....</b>	<b>-0.8</b>	<b>7.9</b>	<b>-0.3</b>	<b>15.6</b>	<b>8.0</b>	<b>17.2</b>
722	<b>Food services &amp; drinking places .....</b>	<b>1.8</b>	<b>70.6</b>	<b>4.5</b>	<b>120.9</b>	<b>20.6</b>	<b>70.2</b>

Source: U.S. Census

[https://www.census.gov/retail/marts/www/marts\\_current.pdf](https://www.census.gov/retail/marts/www/marts_current.pdf)

# Measures of Core Inflation

**FRED**  — Personal Consumption Expenditures Excluding Food and Energy (Chain-Type Price Index)  
 — Consumer Price Index for All Urban Consumers: All Items Less Food and Energy in U.S. City Average



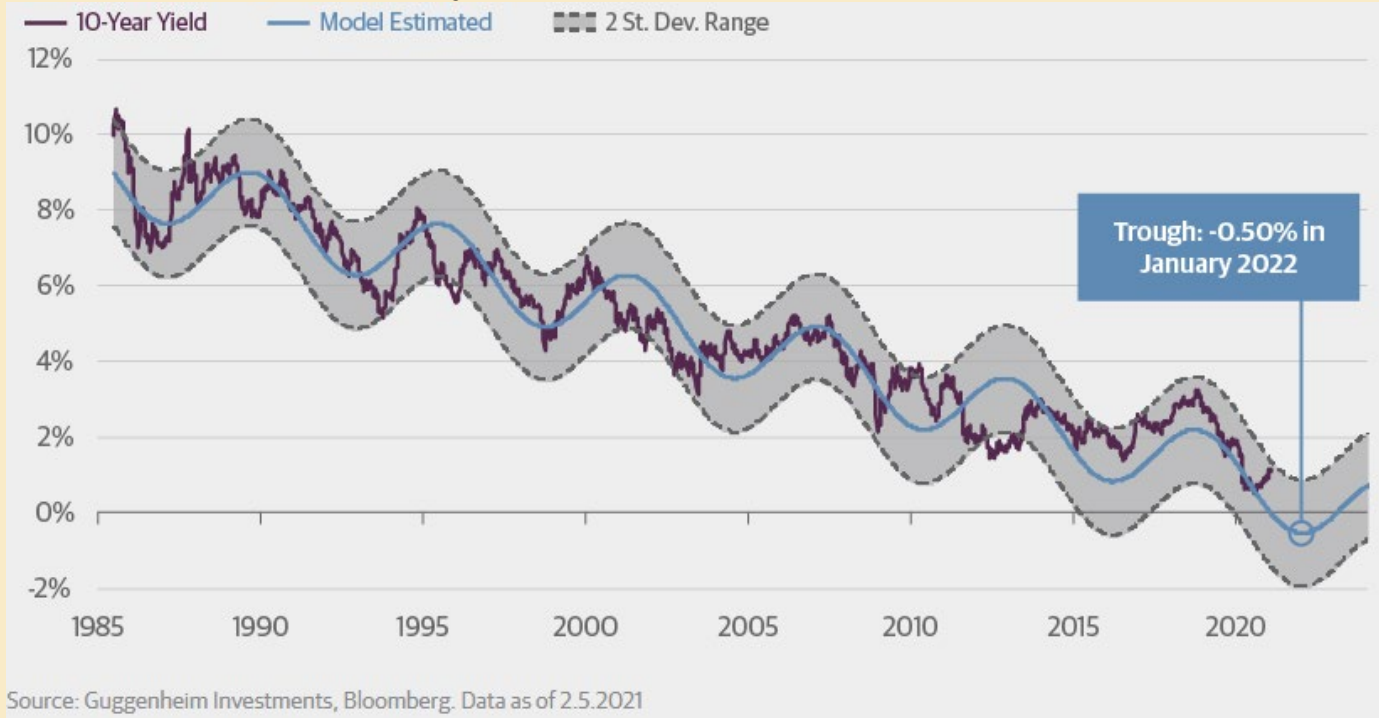
Sources: BEA; BLS

fred.stlouisfed.org



# Treasury Yields Could Have More Downside

## U.S. 10-Year Treasury Yield – Actual vs. Model Estimated



**A Drunk Man in the Snow: The Random Walk of Interest Rates by Scott Miner**

<https://www.guggenheiminvestments.com/perspectives/global-cio-outlook/a-drunk-man-in-the-snow-random-interest-rates>

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