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Economic Outlook: B Balance of Risks:

Fed Tapers Its Balance Sheet Reduction Program as the April Jobs Report Points to a Return to a Normal Balance Between Labor Supply and Demand

At their May 1st Federal Open Market Committee meeting, the Fed announced they would slow the pace at which they reduce the size of their balance sheet beginning in June. The Fed bought trillions of dollars of governmentbacked bonds between 2020 and 2022 to support the recovery from the 2020 recession, and has been unwinding those purchases since mid-2022 by accepting repayment on a portion of the bonds as they mature. Beginning in June, the Fed will lower the monthly cap on repayments of Treasuries they accept to \$25 billion, from \$60 billion previously. They will hold unchanged a \$35 billion monthly cap on mortgage-backed security (MBS) repayments. This "taper" of the Fed's balance sheet reduction (a.k.a Quantitative Tightening or QT) is a first step toward less restrictive monetary policy.

However, interest rate cuts are likely to come later in 2024 than expected when the year began, since inflation has surprised to the upside since then. The Fed is particularly concerned that sticky service prices are rising rapidly, like in-home healthcare, car repairs, and car and home insurance. These are signs of the momentum that has built up in inflation since 2020. Less concerning for the Fed but no less frustrating for consumers, gasoline prices are up this year, too, fueled by fears that wars could disrupt global oil supplies. Prices of chicken and beef have risen as well as bird flu forced farmers to cull herds.

Inflation is still running too hot to meet the Fed's mandate for stable prices, but the other half of their dual mandate—maximum employment—is looking increasingly like the pre-pandemic normal. The unemployment rate edged up to 3.9% in April and tied for the highest since early 2022, as employers added a smaller-than-expected 175,000 jobs. Other measures of the job market, like job openings, the quits rate, and surveys which show consumers are less confident in their employment prospects, collectively point to an even softer job market than the unemployment rate. Average hourly earnings growth for private-sector workers has slowed to the least since mid-2021, with pay for public sector and unionized workers rising faster than pay for un-unionized private workers after ununionized private workers secured faster wage increases in 2022 and 2023.

Comerica's May forecast anticipates the Fed waiting until September to make a first quarter-percentage-point cut to the federal funds rate, followed by another cut in December. This is a later and smaller reduction in interest rates than Comerica's April forecast, which saw three quarter-percentage-point cuts in 2024. The Fed will likely end balance sheet reductions in the first half of 2025, when total Fed assets reach between \$6.6 and \$6.9 trillion.

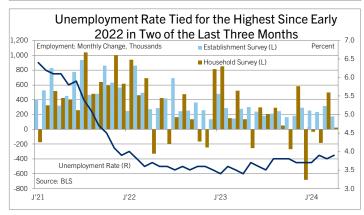
U.S. Economic Outlook, Summary											
a = actual f = forecast	4Q'23a	1Q'24p	2Q'24f	3Q'24f	4Q'24f	1Q'25f	2Q'25f	2023a	2024f	2025f	2026f
Real GDP (Percent Change Annualized)	3.4	1.6	1.5	1.5	1.7	1.7	1.8	2.5	2.3	1.7	1.7
CPI (Percent Change Year-over-Year)	3.2	3.2	3.4	3.1	3.0	2.5	2.1	4.1	3.2	2.2	2.0
Payroll Jobs (Average Monthly Diff., Ths.)	206	264	240	240	240	240	220	245	246	221	213
Unemployment Rate (Percent)	3.7	3.8	3.9	4.0	4.1	4.1	4.0	3.6	3.9	4.0	3.9
Federal Funds Rate (Period Average)	5.33	5.33	5.33	5.28	5.03	4.78	4.53	5.02	5.24	4.41	3.02
10-Yr. Treasury Rate (Period Average)	4.44	4.16	4.55	4.60	4.58	4.45	4.33	3.96	4.47	4.12	3.41
a = actual $p = preliminary$ $f = forecast$	·										

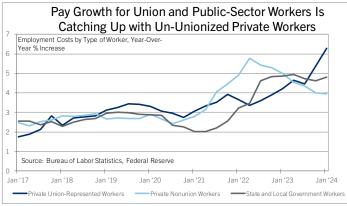
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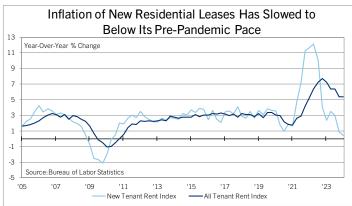
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U.S. Economic Outlook

Fed's Balance Sheet Reduction on Course to End in First Half of 2025 10 Federal Reserve Balance Sheet Items, Trillions of \$ 9 8 7 Total Assets 6 5 4 3 Reverse Repurchase Facility Liabilities 2 1 Source: Federal Reserve -----0 Jul 19 Jul 20 Jul 21 Jul 22 Jul 23 Jul 24

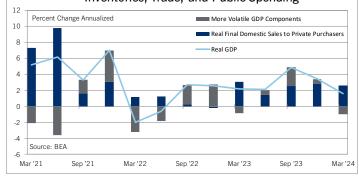


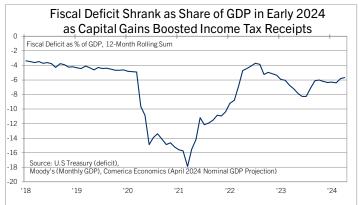




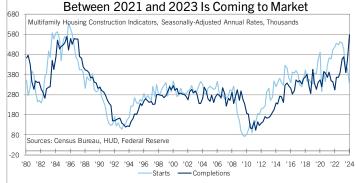
Real GDP Slowed in Early 2024 on Headwinds from Inventories, Trade, and Public Spending

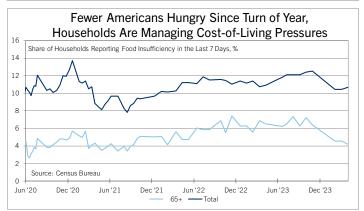
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The Wave of New Rental Units That Broke Ground





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U.S. Economic Outlook May 2024



	4Q'23a	1Q'24p	2Q'24f	3Q'24f	4Q'24f	1Q'25f	2Q'25f	2023a	2024f	2025f	2026f
Output											
Nominal GDP (Billions \$ Annualized Rate) Percent Change Annualized	27,957 5.1	28,284 4.8	28,577 4.2	28,843 3.8	29,115 3.8	29,390 3.8	29,673 3.9	27,361 6.3	28,705 4.9	29,806 3.8	30,914 3.7
Real GDP (Chained 2017 Billions \$ Annual Rate)	22,679	4.6 22,769	4.2 22,854	22,939	3.6 23,035	23,134	3.9 23,239	22,377	4.9 22,899	3.6 23,286	23,683
Percent Change Annualized	3.4	1.6	1.5	1.5	1.7	1.7	1.8	2.5	2.3	1.7	1.7
Pers. Consumption Expenditures	15,587	15,684	15,731	15,781	15,831	15,882	15,935	15,426	15,757	15,961	16,164
Percent Change Annualized	3.3	2.5	1.2	1.3	1.3	1.3	1.3	2.2	2.1	1.3	1.3
Nonresidential Fixed Investment	3,315	3,339	3,366	3,395	3,422	3,450	3,475	3,272	3,380	3,487	3,582
Percent Change Annualized Residential Investment	3.7 744	2.9 769	3.3 759	3.5 764	3.3 771	3.2 778	3.0 785	4.5 735	3.3 766	3.1 789	2.7 819
Percent Change Annualized	2.8	13.9	-5.1	2.7	3.7	3.7	3.7	-10.6	<i>4.1</i>	3.0	3.8
Change in Private Inventories	55	35	35	23	23	33	60	44	29	57	91
Net Exports	-919	-973	-967	-969	-973	-980	-999	-928	-970	-993	-994
Government Expenditures	3,887	3,898	3,913	3,929	3,943	3,954	3,964	3,820	3,921	3,968	4,003
Percent Change Annualized Industrial Prod. Index (2007=100)	4.6 102.7	1.2 102.2	<i>1.5</i> 102.3	<i>1.6</i> 102.7	<i>1.5</i> 103.0	1.1 103.4	1.0 103.8	4.1 102.8	2.6 102.6	<i>1.2</i> 104.0	0.9 105.5
Percent Change Annualized	-1.9	-1.8	0.4	1.3	103.0 1.4	105.4 1.5	105.8 1.5	0.2	-0.2	104.0 1.4	105.5 1.5
Capacity Utilization (Percent)	78.8	78.2	77.8	77.6	77.5	77.4	77.4	79.3	77.8	77.3	76.9
Prices											
CPI (1982-84=100)	308.1	311.0	313.9	315.5	317.3	318.9	320.5	304.7	314.4	321.3	327.7
Year-Over-Year Percent Change PCE Price Index (2012=100)	3.2 121.4	3.2 122.4	3.4 123.3	3.1 124.0	3.0 124.7	2.5 125.3	2.1 126.0	4.1 120.4	3.2 123.6	2.2 126.3	2.0 128.9
Year-Over-Year Percent Change	2.8	122.4 2.6	123.3 2.7	124.0 2.6	124.7 2.7	125.5 2.4	2.2	3.7	123.0 2.7	2.2	120.9 2.0
GDP Price Index (2017=100)	123.3	124.2	125.1	125.8	126.4	127.1	127.8	122.3	125.4	128.1	130.7
Year-Over-Year Percent Change	2.6	2.5	2.7	2.4	2.6	2.3	2.1	3.6	2.5	2.1	2.0
PPI, Final Demand (Nov. 2009=100)	142.2	143.3	143.8	144.2	144.9	145.6	146.1	141.6	144.1	146.4	149.2
Year-Over-Year Percent Change Crude Oil, WTI (\$/barrel)	1.0 \$79	1.6 \$77	2.1 \$84	1.5 \$82	1.9 \$82	1.6 \$82	1.6 \$82	2.0 \$78	1.8 \$81	1.7 \$82	1.9 \$83
Labor Markets	\$79	۹۱۱	Ф О4	<u> ФО</u> 2	<u> </u> ФС	<u> </u> ФС	<u> </u> ФС	\$10	Ф О1	<u> </u> ФС	çoç
Payroll Jobs (Average Monthly Difference, Ths.)	206	264	240	240	240	240	220	245	246	221	213
Unemployment Rate (Percent)	3.7	3.8	3.9	4.0	4.1	4.1	4.0	3.6	3.9	4.0	3.9
Labor Force Participation Rate (%)	62.7	62.6	62.7	62.8	62.8	62.8	62.8	62.6	62.7	62.8	63.1
Average Weekly Hours Personal Income	34.4	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.3	34.4	34.4
Average Hourly Earnings (\$)	34.22	34.59	34.90	35.19	35.46	35.75	36.05	33.72	35.03	36.20	37.44
Percent Change Annualized	3.6	4.4	3.6	3.4	3.2	3.3	3.4	4.5	3.9	3.3	3.4
Real Disp. Income (2017 Billions \$ Annualized)	16,902	16,947	17,098	17,266	17,412	17,569	17,728	16,795	17,181	17,809	18,462
Percent Change Annualized Personal Saving Rate (Percent)	2.0 4.0	1.1 3.6	3.6 3.8	4.0 4.0	3.4 4.2	3.7 4.4	3.7 4.6	4.2 4.5	2.3 3.9	3.7 4.7	3.7 5.3
Housing	4.0	3.0	3.0	4.0	4.2	4.4	4.0	4.5	3.9	4.7	0.5
Housing Starts (Ths., Annual Rate)	1,485	1,415	1,471	1,490	1,502	1,513	1,525	1,423	1,469	1,529	1,578
Single-Family Housing Starts	1,055	1,069	1,077	1,085	1,094	1,103	1,112	946	1,081	1,116	1,149
Multifamily Housing Starts	430	346	394	404	407	410	413	476	388	413	429
Exst. SF Home Sales (<i>Ths., Annual Rate)</i> New SF Home Sales (<i>Ths., Annual Rate</i>)	3,473 644	3,790 667	3,842 704	3,884 712	3,922 719	3,959 725	3,997 732	3,674 667	3,860 700	4,016 736	4,175 765
Case/Shiller One-Family HPI (1/2000=100)	313.6	316.3	318.7	321.1	323.5	326.1	328.8	305.7	319.9	330.2	341.4
Year/Year Percent Change	5.2	6.2	5.4	3.9	3.2	3.1	3.2	2.4	4.6	3.2	3.4
Consumer											
Retail & Food Service Sales (Monthly Avg, Bns)	701.3	702.0	707.3	710.1	713.3	716.4	719.3	692.1	708.2	720.5	730.0
Percent Change Annualized Consumer Confidence [®] (Conference Board)	3.3 102.7	0.4 106.8	3.0 105.8	<i>1.6</i> 105.5	1.8 104.5	1.7 106.1	1.6 106.5	3.6 105.4	2.3 105.7	1.7 106.2	1.3 103.1
Car and Light Truck Sales (<i>Millions</i>)	102.7	100.8	105.8	16.0	16.2	16.4	16.6	15.6	105.7	16.7	103.1
Financial Indicators (Period Average)											
Federal Funds Rate, % (<i>Effective</i>)	5.33	5.33	5.33	5.28	5.03	4.78	4.53	5.02	5.24	4.41	3.02
Prime Rate, %	8.50 5.40	8.50	8.50	8.45 5.22	8.20	7.95	7.70	8.19	8.41	7.58	6.19
1-Month BSBY, % 3-Month Term SOFR, %	5.40 5.38	5.37 5.32	5.36 5.29	5.33 5.17	5.13 4.92	 4.72	 4.47	5.12 5.16	5.31 5.17	 4.33	 2.96
1-Yr. Treasury Rate, %	5.22	4.90	5.10	4.91	4.63	4.72	4.47	5.08	4.88	3.85	2.50
5-Yr. Treasury Rate, %	4.42	4.12	4.59	4.61	4.55	4.32	4.07	4.06	4.47	3.86	2.96
10-Yr. Treasury Rate, %	4.44	4.16	4.55	4.60	4.58	4.45	4.33	3.96	4.47	4.12	3.41
30-Yr. Fixed Rate Mortgage, %	7.29	6.75	6.98	7.01	6.96	6.78	6.56	6.80	6.93	6.29	5.19
Corporate Profits After Tax (Billions \$ Annualized) Percent Change Annualized	3,096 10.8	3,097 0.0	3,120 3.0	3,143 3.0	3,166 3.0	3,189 3.0	3,214 3.1	2,975 -0.2	3,131 5.3	3,226 3.0	3,333 3.3
a = actual p = preliminary f = forecast	10.0	0.0	3.0	3.0	3.0	5.0	5.1		5.3 y 16, 2024		5.5
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