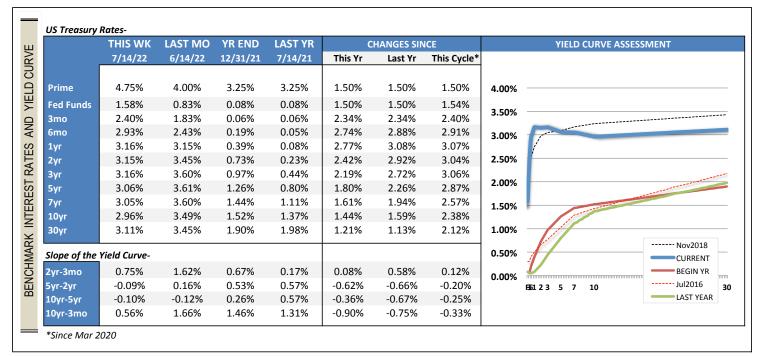
ANALYSIS

AND

ECONOMIC UPDATE

15 July 2022



CONSUMER INFLATION RISES TO 9.1%; WHOLESALE INFLATION EXPLODES TO 11.3%, YEAR-OVER-YEAR

The Labor Department reported the consumer price index, a broad measure of the price for everyday goods, including gasoline, groceries and rents, rose 9.1% in June from a year ago. Prices jumped 1.3% in the one-month period from May.

It marks the fastest pace of consumer inflation since December 1981.

Core prices, which exclude more volatile commodity-driven food and energy prices, climbed 5.9% from the previous year. Core prices also rose 0.7% on a monthly basis — higher than in April and May — suggesting that underlying inflationary pressures remain strong and widespread.

On the wholesale level, the producer price index rose 11.3%. This indicates that manufacturers continue to have difficulty passing on their higher costs in an environment that consumers are already experiencing 40-year high in inflation.

With inflation at a 40-year high, consumers are facing extreme budget constraints. Last year, a middle two-income family would have had \$4,000 extra to spend after covering their basic needs. Today, they would have to go \$2,000 into debt to sustain a very modest lifestyle.

Key Economic Indicators	for Banks, T	hrifts & Cred	it Unions-	
		LATEST	CURRENT	PREV
GDP	QoQ	Q1-Final	-1.6%	6.9%
GDP - YTD	Annl	Q1-Final	-1.6%	5.6%
Consumer Spending	QoQ	Q1-Final	1.8%	2.5%
Consumer Spending YTD	Annl	Q1-Final	1.8%	2.5%
Unemployment Rate	Мо	June	3.6%	3.6%
Chg in Non-farm Jobs	Mo (000s)	June	372	428
Chg in Private Payrolls	Mo (000s)	June	381	406
			44.20/	40.00/
Wholesale Inflation	YoY	June	11.3%	10.8%
Consumer Inflation	YoY	June	9.1%	8.6%
Core Inflation	YoY	June	5.9%	6.0%
Consumer Credit	Annual	May	5.9%	9.7%
Retail Sales	YoY	June	10.3%	10.6%
Vehicle Sales	Annl (Mil)	June	13.5	13.1
Home Sales	Annl (Mil)	May	6.001	6.373
Home Prices	YoY	April	20.4%	20.6%

	THIS WK	YR END	PCT CF	HANGES	
	7/14/22	12/31/21	YTD	12Mos	
DJIA	30,630	36,338	-15.7%	-10.4%	
S&P 500	3,790	4,766	-20.5%	-11.2%	
NASDAQ	11,251	15,645	-28.1%	-21.1%	
Crude Oil	95.78	75.21	27.4%	45.9%	
Avg Gasoline	4.65	3.28	41.6%	48.3%	
Gold	1,706	1,829	-6.7%	-5.7%	



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AVERAGE CREDIT UNION RATES AND RATE SENSITIVITIES

	THIS WK	CHANGE	IN MARKET RA	TES SINCE	Rate Sensit	ivities Since:
	7/14/22	YTD	Nov18 High	2021 Low	YTD	2021Low
Classic CC	11.22%	0.24%	-0.47%	0.41%	16%	27%
Platinum CC	9.85%	0.55%	-0.42%	0.75%	37%	50%
48mo Veh	3.12%	0.44%	-0.54%	0.44%	18%	14%
60mo Veh	3.23%	0.45%	-0.54%	0.45%	21%	15%
72mo Veh	3.53%	0.44%	-0.59%	0.44%	22%	15%
HE LOC	4.49%	0.73%	-1.07%	0.73%	49%	49%
10yr HE	5.09%	0.49%	-0.43%	0.49%	27%	17%
15yr FRM	4.88%	2.14%	0.30%	2.22%	129%	86%
30yr FRM	5.55%	2.29%	0.49%	2.40%	159%	101%
Sh Drafts	0.09%	0.04%	-0.05%	0.04%	3%	3%
Reg Svgs	0.10%	0.01%	-0.09%	0.01%	1%	1%
MMkt-10k	0.21%	0.06%	-0.27%	0.06%	4%	4%
MMkt-50k	0.29%	0.07%	-0.36%	0.07%	5%	5%
6mo CD	0.43%	0.19%	-0.60%	0.19%	7%	7%
1yr CD	0.64%	0.29%	-0.87%	0.29%	10%	9%
2yr CD	0.83%	0.36%	-1.02%	0.37%	15%	12%
3yr CD	1.00%	0.43%	-1.06%	0.43%	20%	14%



Spreads Over(Under) US Treasury -1.48% 4Y Vehicle -0.03% **Reg Svgs** 0.07% 1Y CD -2.52% 5Y Vehicle 2Y CD -2.32% 15Y Mortgage 1.83% **30Y Mortgage** 2.59% 3Y CD -2.16%

STRATEGICALLY FOR CREDIT UNIONS

A certain level of inflation is needed in a growing economy to increase the value of goods and services produced - contributing to the nation's GDP growth profile.

The nation's GDP is being significantly diluted by the prevailing inflation rate thus resulting in a net growth rate that is insufficient to create a sustained pace of recovery needed to put the country on a strong path.

The inflation report delivered another shock, and as painful as June's higher number is, equally as bad is the broadening sources of inflation. Though inflation's spike is led by energy and food prices, which are largely global problems, prices continue to mount for domestic goods and services, from shelter to autos to apparel.

We continue to note that, at this pace of inflation, the FOMC will be forced to aggressively increase their overnight benchmark rate. This would positively increase yields on cash but most likely will not impact consumer loan rates, proportionately.

With supply conditions showing little sign of improvement, the onus is on the Federal Reserve to hit the brakes via higher rates to allow demand to better match supply conditions.

But the tools available to the FOMC are becoming very limited. This increases the threat for a deep recession.

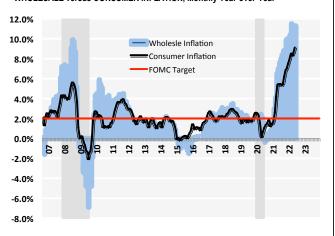
ECONOMIC RELEASES

RELEASES THIS WEEK:	Current	Projected	Previous
Consumer Inflation (June, YoY)	9.1%	8.8%	8.6%
Wholesale Inflation (June, YoY)	11.3%	10.9%	10.8%
Retail Sales (June, YoY)	8.4%	6.5%	8.1%

RELEASES FOR UPCOMING WEEK:	Projected	Previous
Existing Home Sales (June, Annl, Mil)	5.3M	5.42M
Leading Indicators (June, MoM)	-0.3%	0.4%

Inflation Profile

WHOLESALE versus CONSUMER INFLATION, Monthly Year-over-Year



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ECONOMIC CALENDAR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
May 13	14 FLAG DAY Whsale Inflation 10.8%		Jobless Claims 229k Cont'd Claims 1.31M	Ind Production 5.8% Capacity Utilization 79% Leading Indicators -0.4%	18
20	Exist Home Sales 5.41M	22	Jobless Claims 229k Cont'd Claims 1.31M	24 New Home Sales 696k	25
27	Home Prices 20.4% Cons Confidence 98.7	29 GDP (Q1-Final) -1.6%	Jobless Claims 232k Cont'd Claims 1.33M Personal Income 0.5% Personal Spending 0.2%	July 1 Construction Spdg-0.1%	2
4 INDEPENDENCE DAY HOLIDAY	_	6 FOMC Minutes	7 Jobless Claims 235k Cont'd Claims 1.37M	8 Unemployment 3.6% Nonfarm Payrolls372k Private Payrolls 381k	9
11		13 Consumer Inflation 9.1% FRB Beige Book	Jobless Claims 244k Cont'd Claims 1.33M Whls Inflation 11.3%	Retail Sales 8.4% Ind Production 4.2% Capacity Utilization 80%	16
18	19 Existing Home Sales		Jobless Claims Cont'd Claims	22	23
25	26 Home Price New Home Sales Consumer Confidencee	27 FOMC Announcement	Jobless Claims Cont'd Claims GDP (Q2-1st)	29 Personal Income Personal Spending	30
August 1 Construction Spending		3 Factory Orders	4 Jobless Claims Cont'd Claims	5 Unemployment Rate Nonfarm Payrolls Private Payrolls	6
8	9	10 Consumer Inflation	Jobless Claims Cont'd Claims Wholesale Inflation	12	13





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		2022			20)22			202)2	
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	۹-	۹-	۹,	۹-	۹-	45	٠,	۹-	4-	45	
CONOMIC OUTLOOK											
Economic Growth-											
GDP - (QoQ)	6.7%	2.3%	6.9%	-1.5%	0.0%	2.7%	2.6%	1.9%	2.3%	2.4%	2.5%
GDP - (YTD)	6.5%	5.1%	5.6%	-1.5%	-0.7%	0.4%	1.0%	1.9%	2.1%	2.2%	2.4%
· ,											
Consumer Spending - (QoQ)	12.0%	2.0%	2.5%	2.7%	0.1%	2.3%	2.0%	2.0%	2.1%	2.3%	2.5%
Consumer Spending - (YTD)	11.7%	8.5%	7.0%	2.7%	1.4%	1.7%	1.8%	2.0%	2.1%	2.1%	2.2%
Government Spending - (QoQ)	-2.0%	0.9%	-2.6%	-2.7%	0.8%	1.4%	1.9%	1.6%	1.5%	1.2%	1.2%
Government Spending - (YTD)	1.1%	1.0%	0.1%	-2.7%	-1.0%	-0.2%	0.4%	1.6%	1.6%	1.4%	1.4%
Consumer Wealth-											
Unemployment Rate	5.9%	5.1%	4.2%	3.8%	3.6%	3.5%	3.4%	3.4%	3.5%	3.7%	3.9%
Consumer Inflation	4.8%	5.3%	6.7%	8.5%	8.3%	7.6%	7.2%	6.8%	6.3%	5.8%	5.5%
Home Prices	4.8% 15.2%	5.5% 19.7%	19.1%	8.5% 18.7%	20.3%	21.0%	21.2%	21.0%	20.9%	20.8%	20.59
ionie rnces	13.276	13.770	19.170	10.770	20.376	21.076	21.2/0	21.070	20.976	20.676	20.5
SINGLE FAMILY HOME & VEHIC	CLE LOAN N	// ARKETS		ı				ı			
Consumer Demand-											
· · ·	6.687	6.766	6.955	6.877	1.256	7.419	6.504	6.522	6.670	6.694	
Existing Home (Mil)	5.950	6.067	6.203	6.063	0.563	6.645	5.710	5.719	5.838	5.879	6.03
Existing Home (Mil)											6.03
Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil)	5.950 0.737	6.067 0.699	6.203 0.752	6.063 0.814	0.563 0.693	6.645 0.774	5.710 0.794	5.719 0.803	5.838 0.832	5.879 0.815	6.03 0.81
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils)	5.950 0.737 2.926	6.067 0.699 2.714	6.203 0.752 2.497	6.063 0.814 1.830	0.563 0.693 1.846	6.645 0.774 1.598	5.710 0.794 1.471	5.719 0.803 1.340	5.838 0.832 1.693	5.879 0.815 1.688	6.85 6.03 0.81 1.51
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils)	5.950 0.737 2.926 1.341	6.067 0.699 2.714 1.302	6.203 0.752 2.497 1.259	6.063 0.814 1.830 1.025	0.563 0.693 1.846 1.282	6.645 0.774 1.598 1.113	5.710 0.794 1.471 1.059	5.719 0.803 1.340 0.912	5.838 0.832 1.693 1.252	5.879 0.815 1.688 1.253	6.03 0.81 1.51 1.09
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils)	5.950 0.737 2.926 1.341 1.585	6.067 0.699 2.714 1.302 1.412	6.203 0.752 2.497 1.259 1.238	6.063 0.814 1.830 1.025 0.805	0.563 0.693 1.846 1.282 0.564	6.645 0.774 1.598 1.113 0.485	5.710 0.794 1.471 1.059 0.412	5.719 0.803 1.340 0.912 0.428	5.838 0.832 1.693 1.252 0.441	5.879 0.815 1.688 1.253 0.435	6.03 0.81 1.51 1.09 0.42
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils)	5.950 0.737 2.926 1.341	6.067 0.699 2.714 1.302	6.203 0.752 2.497 1.259	6.063 0.814 1.830 1.025	0.563 0.693 1.846 1.282	6.645 0.774 1.598 1.113	5.710 0.794 1.471 1.059	5.719 0.803 1.340 0.912	5.838 0.832 1.693 1.252	5.879 0.815 1.688 1.253	6.03 0.81
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share	5.950 0.737 2.926 1.341 1.585	6.067 0.699 2.714 1.302 1.412	6.203 0.752 2.497 1.259 1.238	6.063 0.814 1.830 1.025 0.805	0.563 0.693 1.846 1.282 0.564	6.645 0.774 1.598 1.113 0.485	5.710 0.794 1.471 1.059 0.412	5.719 0.803 1.340 0.912 0.428	5.838 0.832 1.693 1.252 0.441	5.879 0.815 1.688 1.253 0.435	6.03 0.81 1.51 1.09 0.42 28%
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share	5.950 0.737 2.926 1.341 1.585 54%	6.067 0.699 2.714 1.302 1.412 52%	6.203 0.752 2.497 1.259 1.238 50%	6.063 0.814 1.830 1.025 0.805 44%	0.563 0.693 1.846 1.282 0.564 31%	6.645 0.774 1.598 1.113 0.485 30%	5.710 0.794 1.471 1.059 0.412 28%	5.719 0.803 1.340 0.912 0.428 32%	5.838 0.832 1.693 1.252 0.441 26%	5.879 0.815 1.688 1.253 0.435 26%	6.03 0.81 1.51 1.09 0.42 28%
Existing Home (Mil) New Home Sales (Mil)	5.950 0.737 2.926 1.341 1.585 54%	6.067 0.699 2.714 1.302 1.412 52%	6.203 0.752 2.497 1.259 1.238 50%	6.063 0.814 1.830 1.025 0.805 44%	0.563 0.693 1.846 1.282 0.564 31%	6.645 0.774 1.598 1.113 0.485 30%	5.710 0.794 1.471 1.059 0.412 28%	5.719 0.803 1.340 0.912 0.428 32%	5.838 0.832 1.693 1.252 0.441 26%	5.879 0.815 1.688 1.253 0.435 26%	6.03 0.81 1.51 1.09 0.42 28%
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil)	5.950 0.737 2.926 1.341 1.585 54%	6.067 0.699 2.714 1.302 1.412 52%	6.203 0.752 2.497 1.259 1.238 50%	6.063 0.814 1.830 1.025 0.805 44%	0.563 0.693 1.846 1.282 0.564 31%	6.645 0.774 1.598 1.113 0.485 30%	5.710 0.794 1.471 1.059 0.412 28%	5.719 0.803 1.340 0.912 0.428 32%	5.838 0.832 1.693 1.252 0.441 26%	5.879 0.815 1.688 1.253 0.435 26%	6.03 0.81 1.51 1.09 0.42 28%
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates-	5.950 0.737 2.926 1.341 1.585 54% 16.2	6.067 0.699 2.714 1.302 1.412 52% 12.5	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1	6.645 0.774 1.598 1.113 0.485 30% 12.7	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.03 0.81 1.51 1.09 0.42 28% 14.3
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime	5.950 0.737 2.926 1.341 1.585 54% 16.2	6.067 0.699 2.714 1.302 1.412 52% 12.5	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1	6.645 0.774 1.598 1.113 0.485 30% 12.7	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.03 0.81 1.51 1.09 0.42 28% 14.3
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds	5.950 0.737 2.926 1.341 1.585 54% 16.2	6.067 0.699 2.714 1.302 1.412 52% 12.5	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1	6.645 0.774 1.598 1.113 0.485 30% 12.7	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.89 3.49
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Wehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST	5.950 0.737 2.926 1.341 1.585 54% 16.2 3.3% 0.1% 0.5%	6.067 0.699 2.714 1.302 1.412 52% 12.5	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1	6.645 0.774 1.598 1.113 0.485 30% 12.7	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.03 0.81 1.51 1.09 0.42 28% 14.3
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST Tyr UST	5.950 0.737 2.926 1.341 1.585 54% 16.2 3.3% 0.1% 0.5% 1.3%	6.067 0.699 2.714 1.302 1.412 52% 12.5 3.3% 0.1% 0.6% 1.3%	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1 4.8% 1.5% 3.1% 3.2%	6.645 0.774 1.598 1.113 0.485 30% 12.7 5.3% 1.9% 3.1% 3.2%	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.03 0.81 1.51 1.09 0.42 28% 14.3 6.89 3.49 3.29 3.09
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime	5.950 0.737 2.926 1.341 1.585 54% 16.2 3.3% 0.1% 0.5%	6.067 0.699 2.714 1.302 1.412 52% 12.5	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1	6.645 0.774 1.598 1.113 0.485 30% 12.7	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.03 0.81 1.51 1.09 0.42 28% 14.3 6.89 3.49 3.29 3.09
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST Pyr UST	5.950 0.737 2.926 1.341 1.585 54% 16.2 3.3% 0.1% 0.5% 1.3%	6.067 0.699 2.714 1.302 1.412 52% 12.5 3.3% 0.1% 0.6% 1.3%	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1 4.8% 1.5% 3.1% 3.2%	6.645 0.774 1.598 1.113 0.485 30% 12.7 5.3% 1.9% 3.1% 3.2%	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.03 0.81 1.51 1.09 0.42
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST Tyr UST LOyr UST Market Rates-	5.950 0.737 2.926 1.341 1.585 54% 16.2 3.3% 0.1% 0.5% 1.3% 1.6%	6.067 0.699 2.714 1.302 1.412 52% 12.5 3.3% 0.1% 0.6% 1.3% 1.3%	6.203 0.752 2.497 1.259 1.238 50% 12.8 3.3% 0.1% 1.2% 1.4% 1.5%	6.063 0.814 1.830 1.025 0.805 44% 13.8 3.5% 0.3% 2.4% 2.4% 1.9%	0.563 0.693 1.846 1.282 0.564 31% 13.1 4.8% 1.5% 3.1% 3.2% 3.1%	6.645 0.774 1.598 1.113 0.485 30% 12.7 5.3% 1.9% 3.1% 3.2% 2.9%	5.710 0.794 1.471 1.059 0.412 28% 12.5 6.0% 2.6% 3.3% 3.3% 3.0%	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6 6.8% 3.4% 3.4% 3.2% 3.1%	5.879 0.815 1.688 1.253 0.435 26% 14.6 6.8% 3.4% 3.3% 3.1% 3.1%	6.89 3.49 3.09 3.09
Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST Zyr UST LOyr UST	5.950 0.737 2.926 1.341 1.585 54% 16.2 3.3% 0.1% 0.5% 1.3%	6.067 0.699 2.714 1.302 1.412 52% 12.5 3.3% 0.1% 0.6% 1.3%	6.203 0.752 2.497 1.259 1.238 50% 12.8	6.063 0.814 1.830 1.025 0.805 44% 13.8	0.563 0.693 1.846 1.282 0.564 31% 13.1 4.8% 1.5% 3.1% 3.2%	6.645 0.774 1.598 1.113 0.485 30% 12.7 5.3% 1.9% 3.1% 3.2%	5.710 0.794 1.471 1.059 0.412 28% 12.5	5.719 0.803 1.340 0.912 0.428 32% 13.5	5.838 0.832 1.693 1.252 0.441 26% 15.6	5.879 0.815 1.688 1.253 0.435 26% 14.6	6.03 0.81 1.51 1.09 0.42 28% 14.3 6.8% 3.4% 3.2% 3.0%





Business & Industry Consulting

Market Analysis

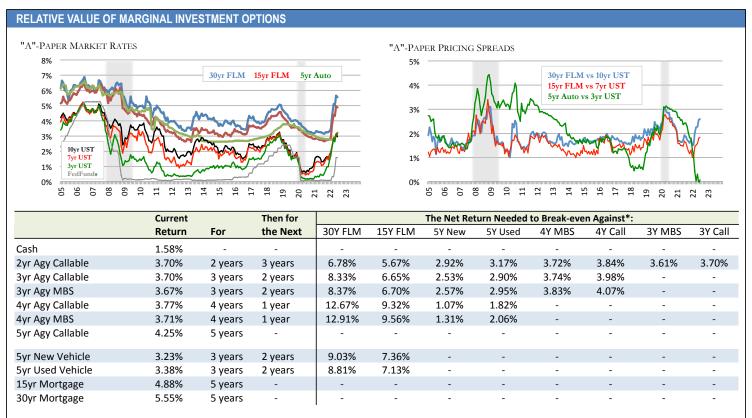
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STRATEGIC ASSESSMENT OF RELATIVE VALUE INVESTMENT AND FUNDING OPTIONS



^{*} Best relative value noted by probabilities of achieving "break-even" returns

RELATIVE VALUE OF MARGINAL FUNDING OPTIONS

	Current		Then for	The Net Co	st Needed to	Break-even	Against*:
	Cost	For	the Next	3Y CD	3Y FHLB	2Y CD	2Y FHLB
Share Draft	0.09%	1 year	2 years	1.46%	4.67%	1.57%	6.21%
Regular Savings	0.10%	1 year	2 years	1.45%	4.66%	1.56%	6.20%
Money Market	0.21%	1 year	2 years	1.40%	4.61%	1.45%	6.09%
FHLB Overnight	1.44%	1 year	2 years	0.78%	3.99%	0.22%	4.86%
Catalyst Settlement	2.75%	1 year	2 years	0.13%	3.34%	-0.55%	3.55%
6mo Term CD	0.43%	6 mos	2.5 yrs	1.11%	3.68%	0.96%	4.06%
6mo FHLB Term	2.95%	6 mos	2.5 yrs	0.61%	3.18%	0.12%	3.22%
6mo Catalyst Term	3.51%	6 mos	2.5 yrs	0.50%	3.07%	-0.06%	3.03%
1yr Term CD	0.64%	1 year	2 years	1.18%	4.39%	1.02%	5.66%
1yr FHLB Term	3.27%	1 year	2 years	-0.14%	3.08%	-1.61%	3.03%
2yr Term CD	0.83%	2 years	1 year	1.34%	7.76%	-	-
2yr FHLB Term	3.15%	2 years	1 year	-3.30%	3.12%	-	-
3yr Term CD	1.00%	3 years	-	-	-	-	-
3yr FHLB Term	3.14%	3 years	-	-	-	-	-

st Highest relative value noted by highest differentials and volatility projections



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Q1-2022	<\$2 Million	\$2-10 Million	\$10-50 <million< th=""><th>\$50-100 Million</th><th>\$100-500 Million</th><th>\$500> Million</th><th>TOTAL</th><th><\$10 Million</th><th><\$50 Million</th><th><\$100 Million</th><th><\$500 Million</th></million<>	\$50-100 Million	\$100-500 Million	\$500> Million	TOTAL	<\$10 Million	<\$50 Million	<\$100 Million	<\$500 Million
DEMOGRAPHICS											
Number of Credit Unions Average Assets (\$Mil) Pct of Credit Unions Pct of Industry Assets	316 \$0.927 6% 0%	698 \$5.7 14% 0%	1,410 \$26.0 29% 2%	694 \$72.8 14% 2%	1,084 \$228.7 22% 12%	701 \$2,537.8 14% 84%	4,903 \$432.0 100% 100%	1,014 \$4.2 21% 0%	2,424 \$16.9 49% 2%	3,118 \$29.3 64% 4%	4,202 \$80.7 86% 16%
GROWTH RATES (YTD)											
Total Assets	-2.5%	-5.2%	-10.3%	7.7%	3.0%	13.0%	11.3%	-5.1%	-9.7%	-0.3%	2.1%
Total Loans - Direct Loans	-17.5% -20.6%	-13.9% -14.5%	-18.0% -18.6%	5.4% 4.8%	-0.2% -2.9%	17.5% 14.4%	14.8% 11.6%	-14.2% -11.9%	-17.6% -17.9%	-4.5% -5.3%	-1.2% -3.5%
- Indirect Loans Total Shares	- -1.6%	204.9% -3.2%	-2.3% -8.1%	10.0% 8.7%	14.2% 5.3%	28.8% 13.8%	27.2% 12.3%	-243.1% -3.1%	-9.4% -7.6%	6.1% 1.2%	13.2% 4.2%
Net Worth	-1.0%	-8.2%	-14.0%	3.7%	1.0%	11.1%	9.1%	-7.6%	-13.1%	-4.4%	-0.6%
BALANCE SHEET ALLOCATION											
Net Worth-to-Total Assets	18.0%	15.2%	11.6%	11.0%	10.2%	10.2%	10.2%	15.4%	12.0%	11.4%	10.5%
Cash & Inv-to-Total Assets Loans-to-Total Assets Vehicle-to-Total Loans	61% 38% 62%	57% 42% 66%	54% 43% 50%	47% 49% 43%	39% 56% 37%	33% 63% 31%	34% 61% 32%	57% 42% 65%	55% 43% 52%	50% 46% 46%	42% 53% 40%
REL-to-Total Loans REL-to-Net Worth Indirect-to-Total Loans	1% 2% 1%	7% 18% 0%	29% 107% 4%	40% 179% 10%	48% 262% 17%	54% 334% 22%	53% 316% 21%	6% 17% 0%	27% 95% 3%	35% 140% 7%	45% 226% 15%
Loans-to-Total Shares Chkg & Svgs-to-Total Shares Nonterm-to-Total Shares Term CDs-to-Total Shares	47% 93% 93% 5%	50% 85% 87% 9%	49% 78% 85% 9%	55% 73% 84% 10%	63% 67% 83% 12%	72% 56% 80% 13%	70% 58% 81% 13%	50% 86% 87% 9%	49% 79% 85% 9%	52% 76% 85% 10%	60% 69% 83% 11%
Short-term Funding Ratio Net Long-term Asset Ratio	50.1% 3.8%	36.8% 10.0%	29.2% 22.1%	23.8% 29.2%	18.7% 35.3%	15.4% 39.7%	16.2% 38.5%	29.9%	26.6% 25.4%	20.8% 32.6%	16.3% 38.5%
LOAN QUALITY											
Loan Delinquency Ratio Net Charge-off Ratio "Misery" Index	2.59% 0.79% 3.38%	1.13% 0.26% 1.39%	0.68% 0.21% 0.89%	0.54% 0.19% 0.73%	0.40% 0.17% 0.57%	0.42% 0.29% 0.71%	0.42% 0.28% 0.70%	0.72% 0.21% 0.94%	0.62% 0.20% 0.82%	0.45% 0.18% 0.63%	0.42% 0.27% 0.70%
RE Loan Delinquency	6.42%	1.02%	0.63%	0.39%	0.30%	0.31%	0.31%	1.07%	0.64%	0.47%	0.33%
Vehicle Loan Delinquency Direct Loans Indirect Loans	2.16% 2.18% 0.78%	1.00% 1.00% 1.19%	0.63% 0.56% 1.49%	0.51% 0.24% 1.37%	0.42% 0.06% 0.85%	0.37% 0.08% 0.49%	0.39% 0.12% 0.53%	1.07% 1.07% 1.14%	0.69% 0.63% 1.49%	0.59% 0.44% 1.39%	0.46% 0.20% 0.91%
Loss Allow as % of Loans Current Loss Exposure Coverage Ratio (Adequacy)	3.14% 1.29% 2.4	1.30% 0.53% 2.4	0.81% 0.38% 2.2	0.72% 0.35% 2.0	0.66% 0.31% 2.1	0.85% 0.29% 2.9	0.83% 0.30% 2.8	1.42% 0.58% 2.4	0.87% 0.40% 2.2	0.78% 0.37% 2.1	0.69% 0.33% 2.1
EARNINGS								1			
Gross Asset Yield Cost of Funds	2.86% 0.25%	2.80% 0.26%	2.51% 0.20%	2.67% 0.21%	2.76% 0.25%	2.96% 0.37%	2.92% 0.35%	2.80% 0.26%	2.54% 0.20%	2.61% 0.21%	2.72% 0.24%
Gross Interest Margin Provision Expense	2.61% 0.27%	2.54% 0.08%	2.31% 0.07%	2.46% 0.08%	2.51% 0.07%	2.59% 0.15%	2.57% 0.14%	2.55% 0.10%	2.34% 0.08%	2.41% 0.08%	2.48% 0.07%
Net Interest Margin	2.34%	2.46%	2.24%	2.38%	2.44%	2.44%	2.43%	2.45%	2.26%	2.33%	2.41%
Non-Interest Income Non-Interest Expense	0.48% 3.60%	0.61% 3.22%	0.90% 2.97%	1.13% 3.09%	1.23% 3.12%	1.09% 2.66%	1.10% 2.73%	0.60% 3.24%	0.87% 3.00%	1.01% 3.05%	1.17% 3.10%
Net Operating Expense	3.12%	2.60%	2.07%	1.96%	1.89%	1.57%	1.62%	2.64%	2.13%	2.03%	1.93%
Net Operating Return	-0.78%	-0.15%	0.17%	0.43%	0.55%	0.87%	0.81%	-0.19%	0.14%	0.30%	0.48%
Non-recurring Inc(Exp)	0.24%	0.06%	0.03%	0.03%	0.02%	0.01%	0.01%	0.07%	0.03%	0.03%	0.02%
Net Income	-0.54%	-0.08%	0.20%	0.45%	0.57%	0.89%	0.83%	-0.11%	0.17%	0.33%	0.51%
	-4.3%	-1.0%	1.5%	3.9%	5.4%	8.6%	7.9%	-1.2%	1.1%	2.6%	4.6%



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	<\$2	\$2-10	\$10-50	\$50-100	\$100-500	\$500>		<\$10	<\$50	<\$100	<\$500
Q1-2022	Million	Million	<million< th=""><th>Million</th><th>Million</th><th>Million</th><th>TOTAL</th><th>Million</th><th>Million</th><th>Million</th><th>Million</th></million<>	Million	Million	Million	TOTAL	Million	Million	Million	Million
OPERATING EFFICIENCIES:											
Loans & Shares-											
Avg Loan Balance	\$5,778	\$7,495	\$4,275	\$6,683	\$10,799	\$18,943	\$16,347	\$7,386	\$4,589	\$5,786	\$9,622
Avg Loan Rate Avg Loan Yield, net	6.85% 6.15%	5.80% 5.61%	4.96% 4.79%	4.73% 4.57%	4.35% 4.23%	4.25% 4.01%	4.28% 4.05%	5.87% 5.64%	5.06% 4.88%	4.87% 4.70%	4.47% 4.34%
Avg Louis Field, fiet	0.1370	3.0170	4.7570	4.5770	1.2370	1.0170	1.0370	. 3.0170	4.0070	4.7070	1.5170
Avg Share Balance	\$2,661	\$5,700	\$9,378	\$10,794	\$12,613	\$14,731	\$14,133	\$5,300	\$8,709	\$9,756	\$11,699
Avg Share Rate Non-Member Deposit Ratio	0.30% 1.1%	0.31% 0.8%	0.22% 0.5%	0.24% 0.6%	0.28% 0.6%	0.43% 0.7%	0.40% 0.7%	0.31% 0.8%	0.23% 0.6%	0.23% 0.6%	0.27% 0.6%
Non Member Deposit Natio	1.170	0.070	0.570	0.070	0.070	0.770	0.770	0.070	0.070	0.070	0.070
Net Operating Profitability-											
Earning Asset/Funding	123%	117%	110%	108%	106%	110%	109%	117%	111%	109%	107%
Fee Inc-to-Total Revenue	14%	18%	26%	30%	31%	27%	27%	18%	26%	28%	30%
Net Operating Return per FTE											
Interest Income per FTE	\$37,416	\$48,596	\$114,251	\$126,599	\$133,066	\$203,044	\$186,253	\$47,600	\$98,521	\$112,481	\$127,02
Avg Interest & Prov per FTE	\$6,771	\$5,905	\$12,293	\$13,595	\$15,342	\$35,744	\$31,034	\$5,982	\$10,803	\$12,191	\$14,41
Net Interest Income per FTE	\$30,646	\$42,691	\$101,958	\$113,004	\$117,724	\$167,301	\$155,218	\$41,618	\$87,718	\$100,289	\$112,60
Non-Interest Income per FTE	\$6,236	\$10,625	\$41,024	\$53,624	\$59,523	\$74,756	\$70,366	\$10,234	\$33,758	\$43,635	\$54,86
Avg Ops Expense per FTE	\$47,073	\$55,841	\$135,037	\$146,446	\$150,566	\$182,092	\$173,878	\$55,061	\$116,163	\$131,219	\$144,88
Net Op Expense per FTE	\$40,837	\$45,217	\$94,013	\$92,823	\$91,044	\$107,335	\$103,512	\$44,827	\$82,405	\$87,584	\$90,029
Avg Net Op Return per FTE	\$ (10,192)	\$ (2,526)	\$ 7,945	\$ 20,181	\$ 26,680	\$ 59,965	\$51,706	\$ (3,208)	\$ 5,313	\$ 12,705	\$ 22,58
Revenue/Operating Expense	e Assessme	ent									
Revenue-											
Avg Revenue per FTE	\$43,653	\$59,221	\$155,275	\$180,222	\$192,589	\$277,801	\$256,618	\$57,834	\$132,279	\$156,116	\$181,88
- Total Revenue Ratio	3.34%	3.41%	3.41%	3.80%	3.99%	4.05%	4.03%	3.41%	3.41%	3.63%	3.89%
Operating Expenses-											
Avg Comp & Benefits per FTE	\$22,272	\$28,739	\$63,708	\$68,696	\$76,046	\$96,710	\$91,231	\$28,163	\$55,319	\$61,970	\$71,91
- Comp & Benefits Ratio	1.70%	1.65%	1.40%	1.45%	1.58%	1.41%	1.43%	1.66%	1.43%	1.44%	1.54%
- Pct of Total Operating Exp	47%	51%	47%	47%	51%	53%	52%	51%	48%	47%	50%
- FTE-to-Ops (Staffing)	1.99	1.24	0.39	0.32	0.27	0.18	0.19	1.28	0.47	0.38	0.30
- Full-time Equivalents - Pct Part-time Employees	225 79%	2,297 33%	8,161 16%	10,563 9%	51,154 7%	255,342 5%	327,740 6%	2,521 39%	10,682 22%	21,245 16%	72,398 10%
- recrare-time Employees	7370	33/0	10/0	370	770	370	070] 3370	22/0	10/0	1070
Avg Occ & Ops Exp per FTE	\$15,465	\$15,153	\$37,339	\$38,400	\$38,582	\$44,486	\$42,966	\$15,181	\$32,109	\$35,237	\$37,60
 Occupancy & Ops Expense Ra Pct of Total Op Expense 	1.18% 33%	0.87% 27%	0.82% 28%	0.81% 26%	0.80% 26%	0.65% 24%	0.67% 25%	0.89% 28%	0.83% 28%	0.82% 27%	0.80% 26%
Avg All Other Expense per FTE - All Other Expense Ratio	\$9,336 0.71%	\$11,949 0.69%	\$33,991 0.75%	\$39,351 0.83%	\$35,939 0.74%	\$40,896 0.60%	\$39,681 0.62%	\$11,716 0.69%	\$28,734 0.74%	\$34,012 0.79%	\$35,37 0.76%
·	20%	21%	25%	27%	24%	22%	23%	21%	25%	26%	24%
- Pct of Total Ops Expense											
Membership Outreach-	1/1 09/	6.0%	2 /10/	2 20/	2 20/	2 10/	3 00%	7 /10/	2 70/	2 70/	2 /10/
Membership Outreach- Members-to-Potential Mbers	14.0% 396	6.9% 255	3.4% 421	2.2% 393	2.3% 343	3.1% 412	3.0% 400	7.4% 268	3.7% 385	2.7% 389	2.4% 357
Membership Outreach- Members-to-Potential Mbers Members-to-FTEs Borrower-to-Members	396 22%	255 38%	421 107%	393 89%	343 73%	412 56%	400 61%	268 36%	385 92%	389 88%	357 73%
Membership Outreach- Members-to-Potential Mbers Members-to-FTEs	396	255	421	393	343	412	400	268	385	389	357