IPSOS-FORBES ADVISOR U.S. CONSUMER CONFIDENCE BIWEEKLY TRACKER

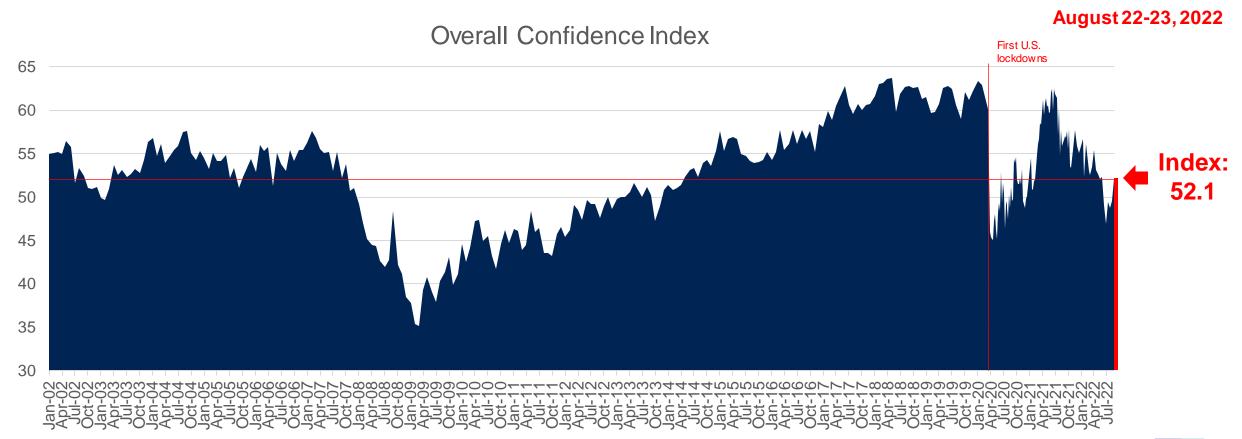
August 25, 2022

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CONSUMER CONFIDENCE RISES BACK ABOVE THE 50-POINT MARK

At 52.1, consumer confidence is up 2.5 points from two weeks ago



Source: Jan 2002- Feb 2010 RBC CASH Index

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THREE OF FOUR SUB-INDICES SHOW SIGNIFICANT GAINS

The Current and Investment indices increased by around 4 points while the Jobs index is up nearly 2 points

August 22-23, 2022

National Index	Sub-indices										
Overall Consumer	Current: Financial	Expectations: Outlook	Investment: Purchasing	Jobs: Job security							
Confidence	situation; local economy;	about personal financial	and investment	confidence, job loss							
	purchasing, employment	situation, community	confidence, personal	experience and							
	and investment economy and		financial situation and	employment outlook							
	confidence	employment	outlook								
New: 52.1	New: 41.8	New: 58.7	New: 43.9	New: 66.5							
<u>Change vs.</u>	<u>Change vs.</u>	<u>Change vs.</u>	<u>Change vs.</u>	<u>Change vs.</u>							
Two weeks ago: +2.5	Two weeks ago: +4.1	Two weeks ago: +0.7	Two weeks ago: +3.7	Two weeks ago: +1.7							
Early March 2020: -8.0	Early March 2020: -11.6	Early March 2020: -4.9	Early March 2020: -10.7	Early March 2020: -3.2							
Pandemic average*: -1.4	Pandemicaverage*: -3.2	Pandemic average*: -5.0	Pandemic average*: -4.3	Pandemic average*: +6.5							
Historical average**: -0.8	Historical average**: -3.1	Historical average**: -3.0	Historical average**: -4.1	Historical average**: +7.1							

*since mid-March 2020

** since January 2002

Source: Jan 2002- Feb 2010 RBC CASH Index

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DEMOGRAPHIC SENTIMENT

Democrats, those earning more than \$100K, Americans ages 18-34, and those with a college degree continue to show scores significantly higher than the total population.

In contrast, Republicans, the unemployed, and rural Americans have significantly lower index scores.

		National	Current	Expectations	Investment	Jobs
	Total	52.1	41.8	58.7	43.9	66.5
Gender	Male	54.5	46.6	58.7	48	66.4
	Female	50	37.5	58.7	40.3	66.5
Age	18-34	55.2	48.4	59.2	51.7	63.8
	35-54	48.6	37.2	57.3	39.1	63.3
	55+	53.3	40.7	59.7	42	73.2
Household	Under \$50K	48.2	36.3	58	38.6	61.2
	\$50K-<\$100K	52.6	42.3	58.4	43.6	68.7
Income	\$100K+	56.1	47.7	59.7	50.9	69.7
Region	Northeast	54.5	45.9	60.1	48.5	66.4
	Midwest	50.6	38.6	57.4	40	68.6
	South	51.4	42.6	57	44.8	64
	West	52.7	40.2	61.4	42.5	68.8
Children in	Yes	51.7	42.4	58.4	45.6	62
Household	No	52.3	41.5	58.8	43.1	68.7
Education	No college degree	50.5	40	57.4	42.1	65.2
	College degree	55.6	45.6	61.4	48	69.3
Employment	Full Time	54.9	47	60.3	48.3	67.3
	Part Time	54	47.6	56.1	50.4	64.6
Status	Not Emp.	46.9	32.2	57.7	36.1	62.4
	Retired	51.5	39.2	57.2	40.6	71
Marital Status	Married	53.6	43.5	59.2	45.3	69.6
	Other	50.6	39.9	58.1	42.5	63.2
Page	White	51.7	39	59.1	41.1	70
Race	Other	52.9	46.6	57.8	48.8	60.3
Party ID	Republican	45.8	34.6	50.2	36.7	63.9
	Democrat	58.1	49.6	66	51.5	68.1
	Independents	53.1	41.2	59.7	43.8	69.4
LIV	Rural	47.1	36.5	53.7	38.4	64.4
	Suburban	53.8	43.7	59.9	45.7	68.8
	Urban	52.8	42.3	60.3	44.9	63.3

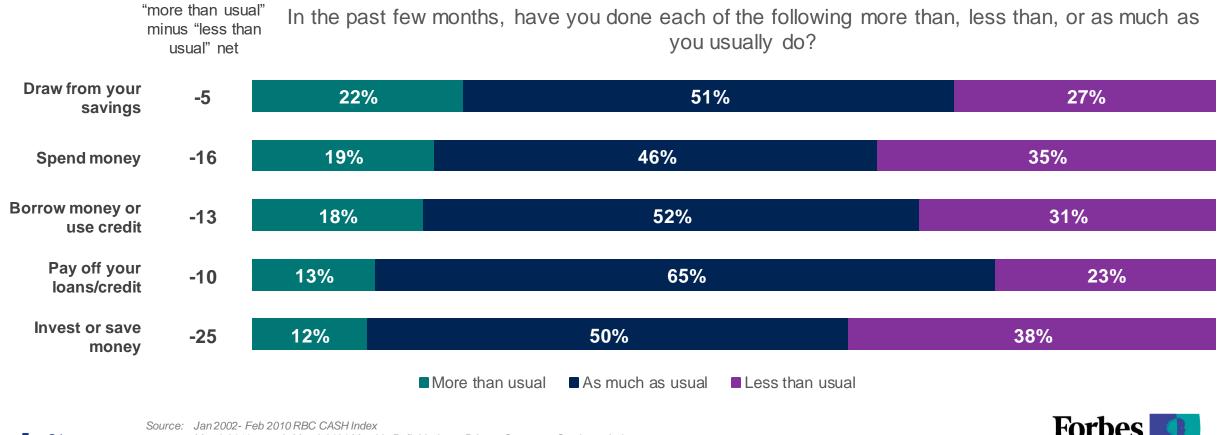
Source: Jan 2002- Feb 2010 RBC CASH Index

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HALF OF AMERICANS SAY THEIR BORROWING, WITHDRAWING AND SAVING HABITS ARE UNCHANGED

August 22-23, 2022



Source: Jan 2002- Feb 2010 RBC CASH Index

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PROPORTION OF THOSE THAT SAY THEY ARE SPENDING MONEY LESS THAN USUAL REACHES ITS ALL TIME HIGH

In the past few months, have you done each of the following more than, August 22-23, 2022 less than, or as much as you usually do?

More than usual

Less than usual

	April 5, 2022	May 3, 2022	June 1, 2022	June 28, 2022	July 26, 2022	Aug 23, 2022	Change vs.four weeks ago		April 5, 2022	May 3, 2022	June 1, 2022	June 28, 2022	July 26, 2022	Aug 23, 2022	Change vs.four weeks ago
Draw from your savings	20%	23%	20%	26%	26%	22%	-5	Draw from your savings	28%	26%	27%	22%	25%	27%	+2
Spend money	20%	25%	19%	22%	22%	19%	-3	Spend money	28%	29%	28%	32%	29%	35%	+6
Borrow money or use credit	14%	16%	16%	20%	17%	18%	+1	Borrow money or use credit	34%	33%	33%	26%	31%	31%	+1
Invest or save money	17%	14%	12%	11%	10%	12%	+2	Invest or save money	33%	37%	38%	42%	41%	38%	-4
Pay off your loans/credit	13%	14%	10%	9%	11%	13%	+2	Pay off your loans/credit	21%	24%	24%	25%	25%	23%	-2



Source: Jan 2002- Feb 2010 RBC CASH Index

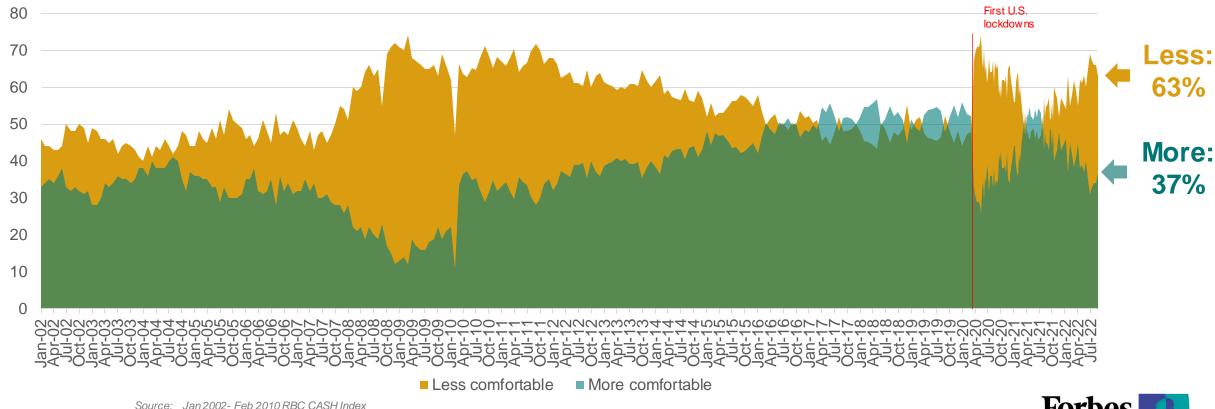
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COMFORT MAKING MAJOR HOUSEHOLD PURCHASES RELATIVE TO 6 MONTHS AGO SEES UPTICK

37% say they are more comfortable making major household purchases compared to six months ago, up 3 points from two weeks ago

Compared to six months ago, are you NOW more or less comfortable making a major purchase, like a home or car?

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COMFORT MAKING OTHER HOUSEHOLD PURCHASES RISES SIGNIFICANTLY

41% say they are more comfortable making other household purchases compared to six months ago, up 5 points from two weeks ago

Compared to six months ago, are you NOW more or less comfortable making other household purchases?

80 First U.S. lockdowns 70 60 **59%** 50 More: 40 41% 30 20 10 0 More comfortable Less comfortable Source: Jan 2002- Feb 2010 RBC CASH Index

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March 2010 to early March 2020 Monthly Refinitiv-Ipsos Primary Consumer Sentiment Index March 25, 2020 to late October 2021 Ipsos-Forbes Advisor U.S. Consumer Confidence Weekly Tracker November 2, 2021 to date 2022 Ipsos-Forbes Advisor U.S. Consumer Confidence Biweekly Tracker



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METHODOLOGY

These findings are based on data from an lpsos survey conducted August 22 – 23, 2022, with a sample of 924 adults aged 18-74 from the continental U.S., Alaska and Hawaii who were interviewed online in English.

The sample was randomly drawn from lpsos' online panel (see https://www.ipsos.com/sites/default/files/2017-

<u>03/lpsos_IIS_NAAccessPanelsRecruitment_.pdf</u>), partner online panel sources, and "river" sampling (see <u>https://www.ipsos.com/sites/default/files/AAPOR-Online-sources-2018.pdf</u>) and does not rely on a population frame in the traditional sense. Ipsos uses fixed sample targets, unique to each study, in drawing a sample. After a sample has been obtained from the lpsos panel, lpsos calibrates respondent characteristics to be representative of the U.S. population using standard procedures such as raking-ratio adjustments. The source of these population targets is U.S. Census American Community Survey data. The sample drawn for this study reflects fixed sample targets on demographics. Post-hoc weights were made to the population characteristics on gender, age, race/ethnicity, region, education, and party identification. Party ID benchmarks are from recent ABC News/Washington Post telephone polls.

Statistical margins of error are not applicable to online non-probability polls. All sample surveys and polls may be subject to other sources of error, including, but not limited to coverage error and measurement error. All figures do not sum to 100 due to rounding. The precision of lpsos online polls is measured using a credibility interval. In this case, the poll has a credibility interval of plus or minus 3.9 percentage points for all respondents. Ipsos calculates a design effect (DEFF) for each study based on the variation of the weights, following the formula of Kish (1965). Here, with n=924, DEFF=1.5, the credibility interval adjusted for design effect is +/-5.4 percentage points.

Findings from March 2010 to early March 2020 are based on data from Refinitiv/ lpsos' Primary Consumer Sentiment Index (PCSI) collected in a monthly survey on lpsos' Global Advisor online survey platform with the same questions. For the PCSI survey, lpsos interviews a total of 1,000+ U.S. adults aged 18-74. The Refinitiv/lpsos Primary Consumer Sentiment Index (PCSI), ongoing since 2010, is a monthly survey of consumer attitudes on the current and future state of local economies, personal finance situations, savings, and confidence to make large investments. The PCSI metrics reported each month for each of the 24 countries surveyed consist of a "Primary Index" based on 10 questions available upon request and of several "sub-indices" each based on a subset of these 10 questions. Those sub-indices include a Current Index, an Expectations Index, an Investment Index, and a Jobs Index.

Findings for January 2002- February 2010 are based on data from the RBC CASH Index, a monthly telephone survey of 1,000 U.S. adults aged 18 and older conducted by lpsos with a margin of error of +/- 3.1 percentage points.



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