

surveys of consumers UNIVERSITY OF MICHIGAN

May 2023

The May survey was the 658th in a series of Surveys of Consumers conducted by the Survey Research Center at The University of Michigan. Initiated in 1946, these periodic surveys provide regular assessments of consumer attitudes and expectations, and are used to evaluate economic trends and prospects. The surveys are designed to explore why changes in consumer attitudes and expectations occur, and how these changes influence consumer spending and saving decisions.

All surveys are subject to sampling error because not all members of the population are interviewed. Most results for the total sample will differ by no more than 5 percentage points in either direction from what would have been obtained by using the same methods on the entire population. See the back of this book for sampling error information.

While every effort is made to accurately measure consumer attitudes and expectations, factors other than sampling may also affect the accuracy of these (and other) findings. These factors may include effects of the question wording, the ability of respondents to articulate answers and opinions, refusal to participate in the survey, and incomplete coverage of the population. There are no standard measures of these effects, but their presence should be acknowledged when using these and all other survey data. While measurement effects are present in all surveys, a noted advantage of time-series data is that the non-sampling influences remain relatively constant across samples.

Due to a minor technical error in the construction of survey weights for individual observations, estimates for data between November 2022 and September 2023 have been revised on October 27, 2023. Please refer to the October 2023 databook for revised estimates.

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TABLE 1A

THE INDEX OF CONSUMER SENTIMENT

DATE OF SURVEY		All families	Families with incomes under \$100,000	Families with incomes over \$100,000
May	2020	72.3	69.1	76.6
June	2020	78.1	75.5	81.0
July	2020	72.5	69.1	75.7
August	2020	74.1	73.0	75.0
September	2020	80.4	78.5	83.7
October	2020	81.8	81.0	83.8
November	2020	76.9	75.1	79.2
December	2020	80.7	76.4	86.1
January	2021	79.0	75.0	85.3
February	2021	76.8	72.5	84.6
March	2021	84.9	81.5	89.3
April	2021	88.3	84.1	94.9
May	2021	82.9	80.5	87.8
June	2021	85.5	80.3	91.7
July	2021	81.2	79.4	84.3
August	2021	70.3	70.0	73.3
September	2021	72.8	71.0	74.5
October	2021	71.7	70.4	73.0
November	2021	67.4	62.8	73.9
December	2021	70.6	70.3	71.8
January	2022	67.2	62.6	73.1
February	2022	62.8	62.4	63.7
March	2022	59.4	60.2	58.0
April	2022	65.2	67.3	63.6
May	2022	58.4	58.0	58.2
June	2022	50.0	51.0	48.8
July	2022	51.5	48.7	55.6
August	2022	58.2	59.9	58.5
September	2022	58.6	57.9	60.1
October	2022	59.9	61.6	57.9
November	2022	56.8	59.3	53.8
December	2022	59.7	61.5	59.2
January	2023	64.9	64.3	65.4
February	2023	67.0	66.8	67.9
March	2023	62.0	58.9	66.2
April	2023	63.5	64.8	61.5
May	2023	59.2	58.9	59.2

CHART 1A: THE INDEX OF CONSUMER SENTIMENT

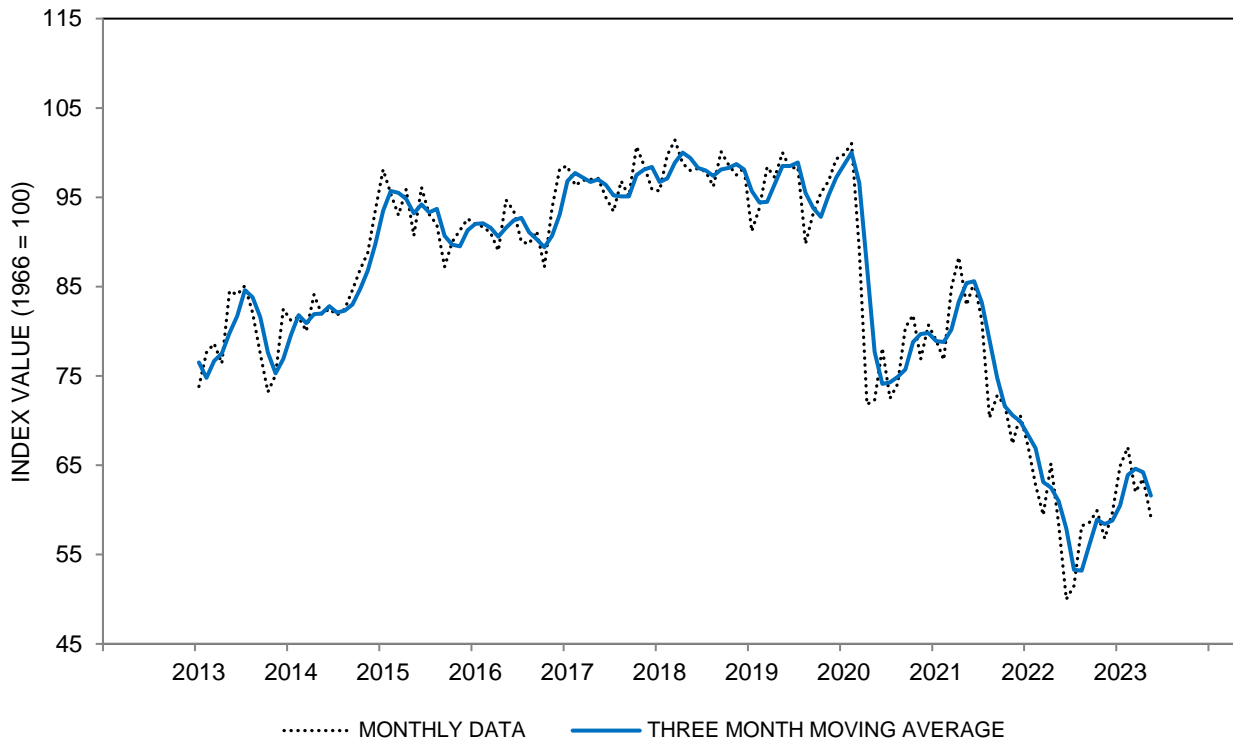


CHART 1A: THE INDEX OF CONSUMER SENTIMENT

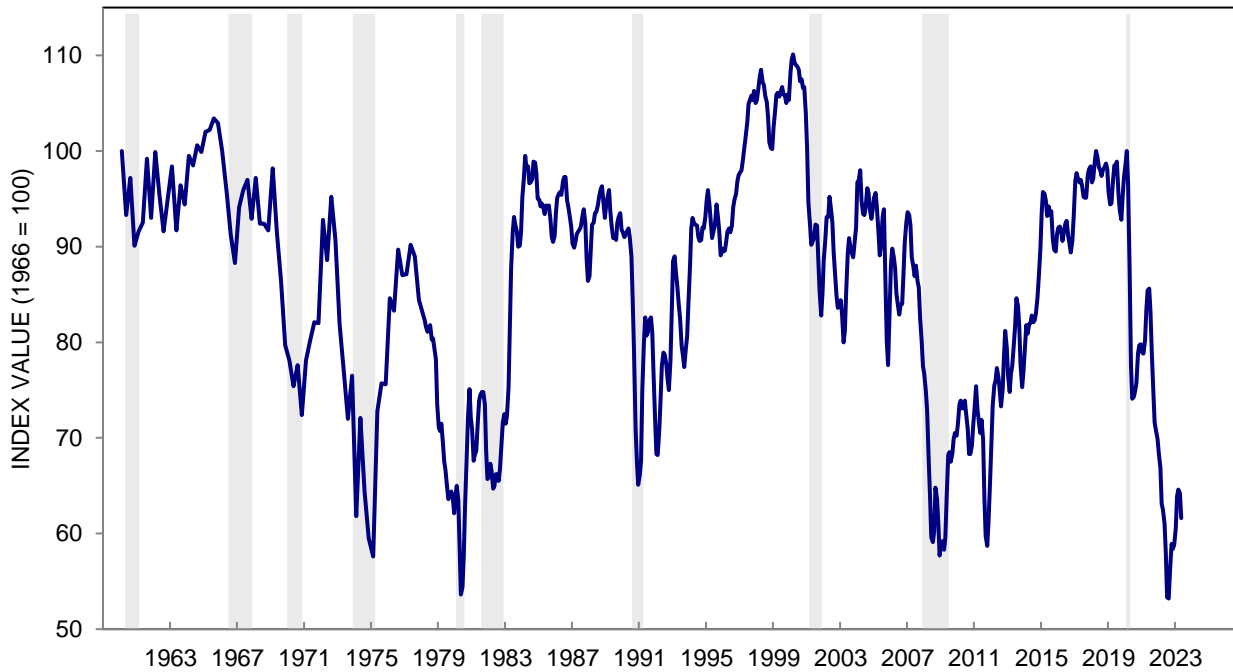


TABLE 1B

COMPONENTS OF THE INDEX OF CONSUMER SENTIMENT

DATE OF SURVEY		Current Index and Components			Expected Index and Components			
		Current	Personal	Buying	Expected	Personal	Business	Business
		Economic	Finances	Conditions	Economic	Finances	Conditions	Conditions
		Index	Current	Durables	Index	Expected	1 Year	5 Years
May	2020	82.3	107	105	65.9	117	58	88
June	2020	87.1	110	115	72.3	132	67	90
July	2020	82.8	108	106	65.9	123	60	80
August	2020	82.9	108	106	68.5	127	65	81
September	2020	87.8	113	114	75.6	127	83	92
October	2020	85.9	113	109	79.2	129	88	100
November	2020	87.0	111	114	70.5	122	75	85
December	2020	90.0	114	119	74.6	122	76	100
January	2021	86.7	109	115	74.0	121	87	88
February	2021	86.2	110	113	70.7	118	83	82
March	2021	93.0	112	128	79.7	118	108	94
April	2021	97.2	126	126	82.7	124	115	93
May	2021	89.4	120	111	78.8	113	110	93
June	2021	88.6	117	112	83.5	119	119	97
July	2021	84.5	116	102	79.0	120	109	88
August	2021	78.5	109	94	65.1	111	74	75
September	2021	80.1	116	90	68.1	112	84	76
October	2021	77.7	115	85	67.9	112	81	78
November	2021	73.6	110	79	63.5	106	73	73
December	2021	74.2	109	82	68.3	110	80	83
January	2022	72.0	106	79	64.1	114	67	75
February	2022	68.2	96	78	59.4	102	66	68
March	2022	67.2	93	80	54.3	93	51	72
April	2022	69.4	98	80	62.5	110	62	77
May	2022	63.3	91	71	55.2	107	46	66
June	2022	53.8	72	65	47.5	95	35	57
July	2022	58.1	75	73	47.3	96	34	56
August	2022	58.6	80	69	58.0	107	54	69
September	2022	59.7	80	73	58.0	105	59	66
October	2022	65.6	78	90	56.2	106	48	69
November	2022	58.8	77	73	55.6	106	49	65
December	2022	59.4	75	77	59.9	106	61	71
January	2023	68.4	89	87	62.7	112	60	78
February	2023	70.7	91	90	64.7	111	67	79
March	2023	66.3	88	82	59.2	104	58	73
April	2023	68.2	84	91	60.5	105	60	76
May	2023	64.9	85	81	55.4	104	50	66

**CHART 1B: CURRENT AND EXPECTED COMPONENTS OF THE SENTIMENT INDEX
(THREE MONTH MOVING AVERAGES)**

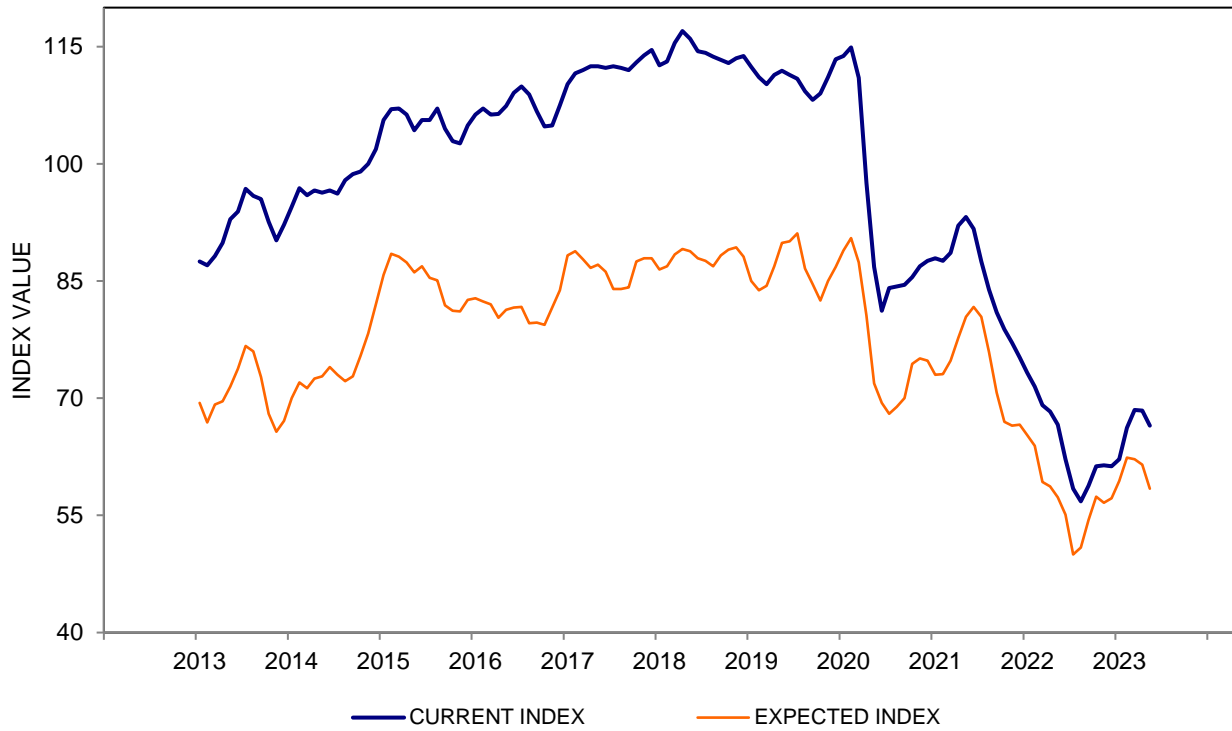


CHART 1B: CURRENT AND EXPECTED COMPONENTS OF THE SENTIMENT INDEX

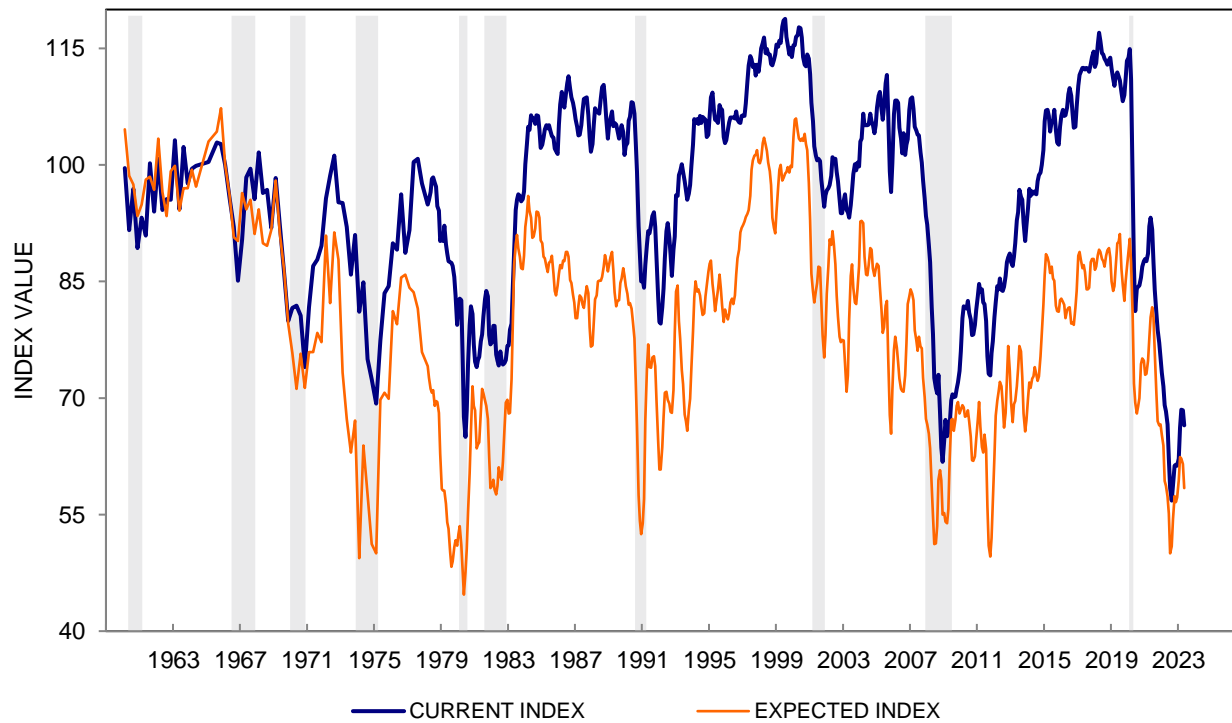


TABLE 2

THE INDEX OF CONSUMER SENTIMENT WITH CURRENT AND EXPECTED COMPONENTS WITHIN INCOME TERCILES

THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Household Income Terciles								
		SENTIMENT INDEX			CURRENT INDEX			EXPECTED INDEX		
		Bottom Third	Middle Third	Top Third	Bottom Third	Middle Third	Top Third	Bottom Third	Middle Third	Top Third
May	2020	72.5	81.3	79.5	77.6	92.6	91.2	69.2	74.0	72.0
June	2020	69.0	76.5	76.2	73.4	85.6	85.2	66.2	70.6	70.5
July	2020	69.1	75.1	77.5	77.3	85.2	89.9	63.9	68.5	69.5
August	2020	70.6	76.0	76.4	79.3	85.0	88.0	65.1	70.2	69.0
September	2020	70.8	77.4	77.9	77.5	86.1	90.5	66.5	71.8	69.7
October	2020	74.4	82.1	80.0	77.7	90.8	89.3	72.2	76.5	74.1
November	2020	74.6	82.4	82.6	78.1	91.8	92.1	72.4	76.3	76.5
December	2020	76.0	79.7	83.6	79.5	90.5	93.4	73.7	72.7	77.4
January	2021	73.5	77.7	84.9	78.7	86.8	98.1	70.2	71.8	76.5
February	2021	72.9	77.4	86.3	77.5	86.9	98.8	69.9	71.4	78.3
March	2021	74.6	79.0	87.3	78.5	88.5	98.8	72.1	72.9	79.9
April	2021	77.6	82.0	90.8	83.4	92.8	100.3	73.9	75.1	84.7
May	2021	81.3	82.5	92.9	86.6	92.6	100.8	77.8	75.9	87.9
June	2021	79.4	84.8	93.4	84.7	92.8	98.6	76.0	79.6	90.2
July	2021	78.1	83.0	89.2	82.5	89.9	91.6	75.2	78.7	87.7
August	2021	74.2	81.0	82.8	80.5	87.5	85.4	70.2	76.9	81.2
September	2021	71.7	76.2	77.1	80.7	84.5	79.6	65.9	70.9	75.6
October	2021	69.6	72.3	73.4	78.5	81.3	77.6	63.9	66.5	70.7
November	2021	66.2	70.7	74.1	74.6	79.3	77.2	60.9	65.3	72.2
December	2021	67.5	68.1	73.9	74.7	73.3	77.6	62.9	64.8	71.6
January	2022	64.9	65.5	74.8	72.4	70.1	77.1	60.0	62.6	73.3
February	2022	65.7	63.3	71.9	73.6	67.5	73.8	60.6	60.6	70.7
March	2022	61.3	61.0	66.9	69.1	67.3	70.9	56.3	56.9	64.3
April	2022	61.8	62.8	63.4	69.0	68.0	68.6	57.2	59.5	60.0
May	2022	61.2	61.0	60.9	67.4	65.5	66.9	57.3	58.2	56.9
June	2022	58.8	57.8	57.3	64.1	61.2	61.4	55.5	55.6	54.7
July	2022	52.9	52.3	54.3	57.3	58.0	59.5	50.1	48.6	50.8
August	2022	53.5	52.5	54.8	56.6	57.5	57.5	51.5	49.3	53.1
September	2022	55.1	56.3	58.1	57.0	60.2	60.4	54.0	53.9	56.7
October	2022	61.2	58.3	58.9	63.2	60.7	61.3	59.9	56.7	57.3
November	2022	60.8	57.9	57.1	62.9	60.3	61.2	59.5	56.2	54.4
December	2022	62.1	57.4	57.9	63.9	59.7	61.3	61.0	55.9	55.7
January	2023	62.6	58.5	61.0	64.3	59.8	63.7	61.5	57.6	59.3
February	2023	65.1	61.1	66.3	66.9	62.9	69.8	64.0	59.9	64.0
March	2023	64.4	61.2	68.4	67.4	64.3	74.4	62.6	59.2	64.6
April	2023	62.7	63.4	66.6	64.4	69.5	72.0	61.7	59.5	63.1
May	2023	59.2	61.3	63.9	62.4	67.6	70.1	57.2	57.2	59.8

**CHART 2: INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES
(THREE MONTH MOVING AVERAGES)**

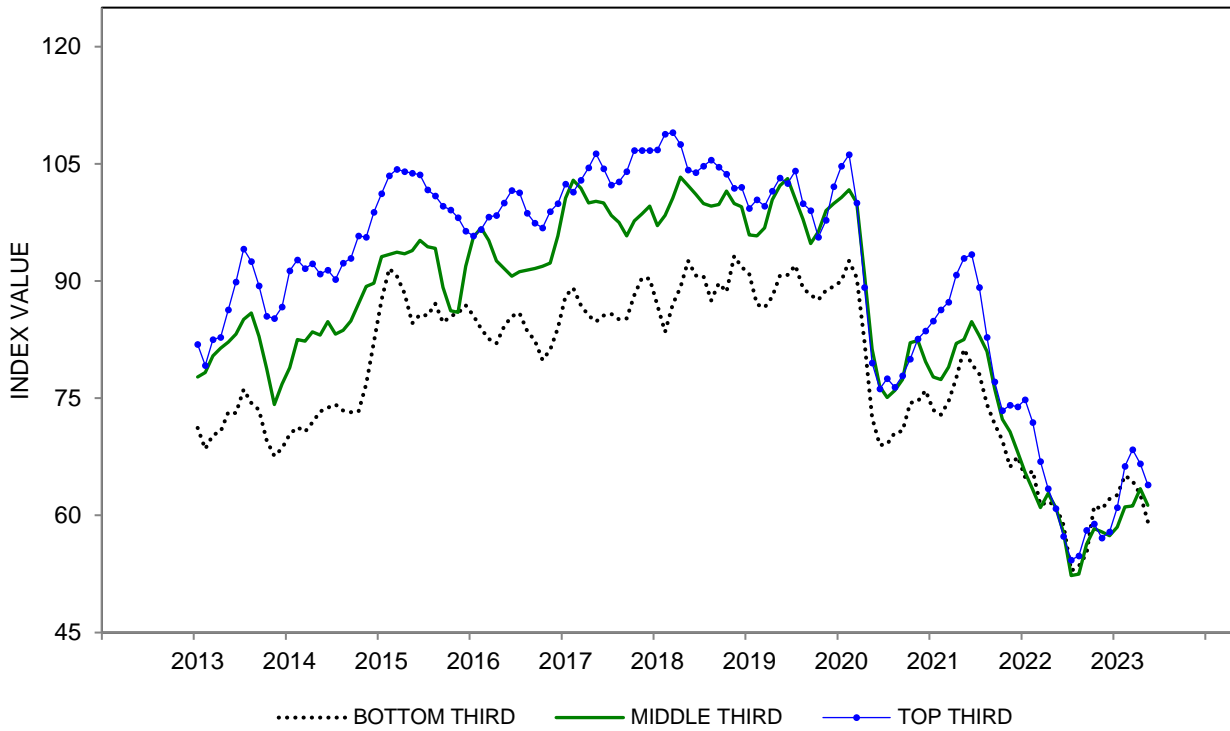


CHART 2: INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES

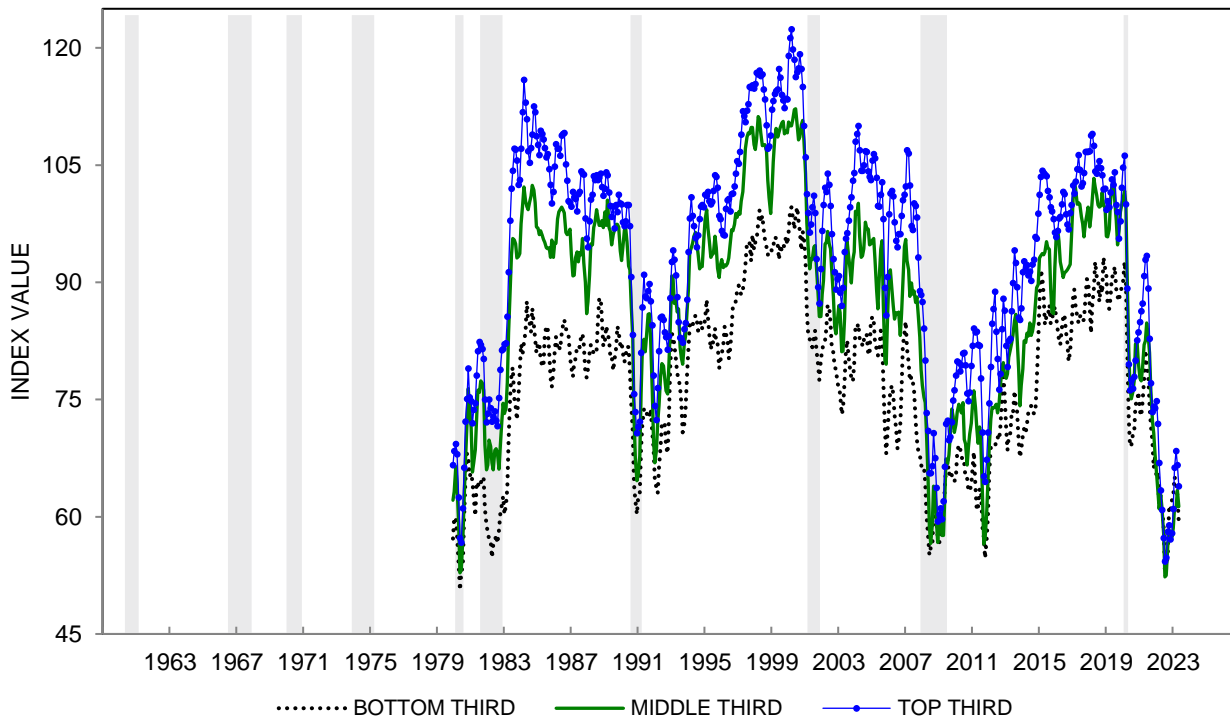


TABLE 3

THE INDEX OF CONSUMER SENTIMENT WITH CURRENT AND EXPECTED COMPONENTS WITHIN AGE GROUPS

THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Age of Respondent								
		SENTIMENT INDEX			CURRENT INDEX			EXPECTED INDEX		
		18-34	35-54	55+	18-34	35-54	55+	18-34	35-54	55+
May	2020	81.2	74.3	78.5	93.9	84.9	84.7	73.0	67.6	74.6
June	2020	74.4	72.0	75.4	87.0	79.7	79.6	66.2	67.1	72.7
July	2020	74.2	73.0	75.3	88.3	81.9	83.7	65.1	67.4	69.9
August	2020	74.1	74.4	75.5	87.5	81.6	84.4	65.5	69.7	69.9
September	2020	75.7	74.8	76.2	85.3	82.3	85.6	69.5	70.1	70.2
October	2020	80.2	79.1	77.9	87.8	85.0	84.7	75.3	75.3	73.5
November	2020	82.3	80.3	78.1	90.0	85.1	86.7	77.3	77.2	72.6
December	2020	85.2	79.7	77.1	94.9	84.3	86.3	78.9	76.7	71.2
January	2021	85.4	78.2	75.9	94.3	84.7	87.0	79.7	74.1	68.8
February	2021	88.7	78.6	74.0	93.2	85.9	86.1	85.8	73.9	66.3
March	2021	90.7	80.5	75.1	94.3	86.7	87.3	88.4	76.6	67.3
April	2021	93.3	84.2	78.2	98.2	89.3	91.3	90.1	81.0	69.7
May	2021	93.8	85.5	81.3	102.4	89.1	91.6	88.2	83.3	74.8
June	2021	93.3	86.6	81.0	101.3	89.7	88.5	88.1	84.6	76.2
July	2021	90.7	83.9	79.0	97.2	85.4	84.5	86.5	82.9	75.5
August	2021	87.2	79.9	74.5	92.9	82.9	80.5	83.5	77.9	70.7
September	2021	85.5	74.8	69.8	93.8	77.3	78.2	80.1	73.2	64.4
October	2021	85.4	71.9	65.1	94.2	76.1	73.8	79.7	69.2	59.5
November	2021	83.6	70.9	64.3	94.0	75.2	70.8	77.0	68.1	60.1
December	2021	81.4	69.8	64.4	90.5	73.5	68.9	75.5	67.4	61.4
January	2022	76.7	68.9	64.1	87.3	71.7	67.5	69.8	67.0	61.9
February	2022	74.7	68.2	62.3	84.5	68.3	67.7	68.5	68.1	58.8
March	2022	71.2	63.8	59.1	80.3	67.0	65.8	65.4	61.8	54.9
April	2022	72.3	63.0	57.6	80.9	65.0	64.8	66.8	61.8	53.0
May	2022	71.9	60.3	56.5	81.4	63.7	61.6	65.8	58.2	53.1
June	2022	69.6	57.3	52.7	81.2	58.5	55.5	62.1	56.5	50.9
July	2022	62.9	53.0	48.7	74.7	57.6	51.0	55.4	50.1	47.2
August	2022	61.3	53.6	49.0	72.0	57.4	49.4	54.4	51.3	48.8
September	2022	61.5	57.7	52.4	69.3	60.4	52.8	56.5	55.9	52.2
October	2022	65.6	59.7	55.1	71.8	61.3	56.1	61.7	58.6	54.3
November	2022	67.2	58.1	54.0	73.1	59.7	55.9	63.3	57.1	52.7
December	2022	68.3	58.6	54.0	76.2	59.2	55.0	63.1	58.1	53.4
January	2023	71.5	60.2	55.3	78.8	61.2	55.0	66.8	59.6	55.6
February	2023	75.3	62.3	60.0	83.7	63.5	60.5	69.9	61.5	59.7
March	2023	75.1	62.2	61.8	83.4	65.7	63.7	69.9	59.8	60.6
April	2023	73.8	61.0	62.2	84.5	64.5	63.7	66.9	58.8	61.2
May	2023	68.8	61.0	58.6	79.8	63.7	62.0	61.8	59.3	56.4

**CHART 3: INDEX OF CONSUMER SENTIMENT WITHIN AGE GROUPS
(THREE MONTH MOVING AVERAGES)**

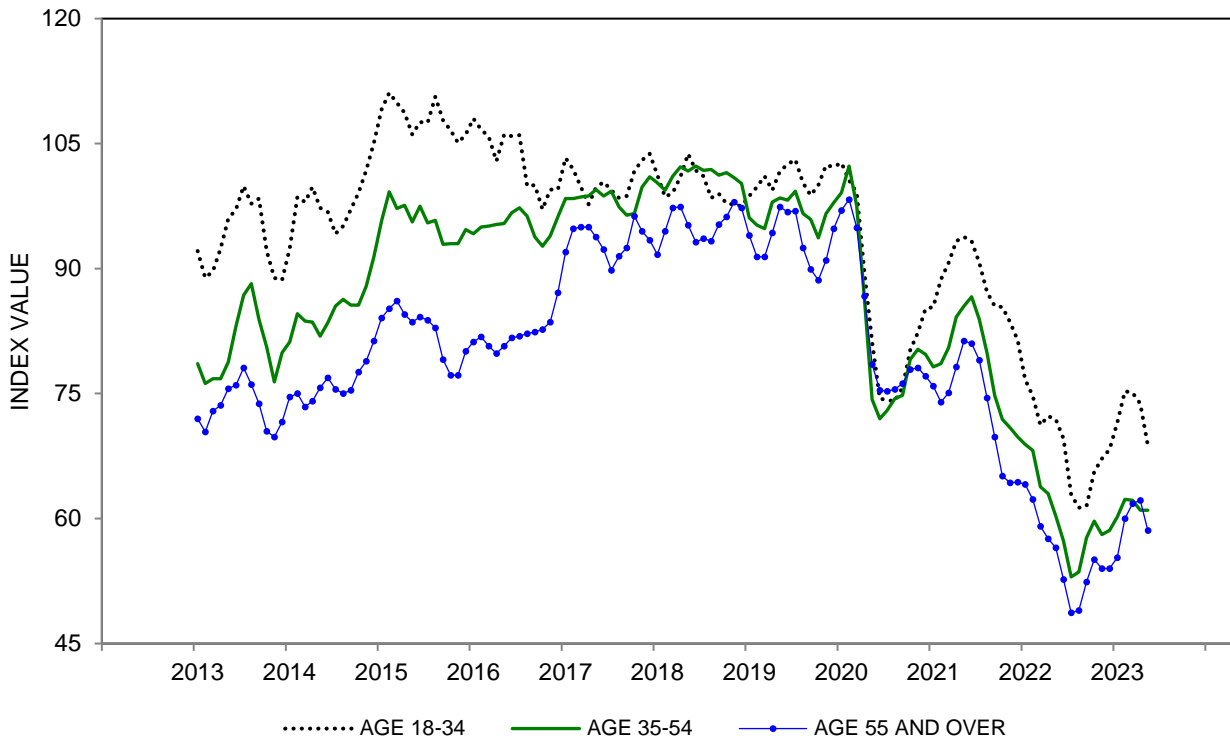


CHART 3: INDEX OF CONSUMER SENTIMENT WITHIN AGE GROUPS

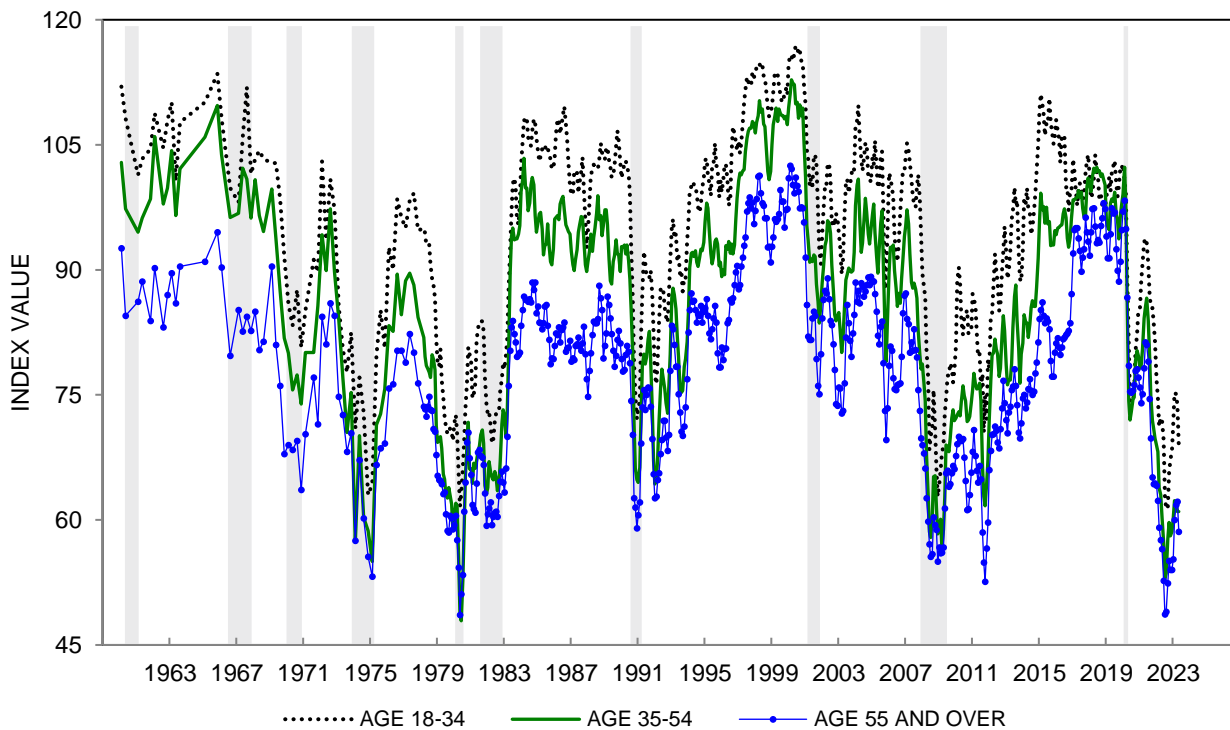


TABLE 4

**THE INDEX OF CONSUMER SENTIMENT WITH CURRENT
AND EXPECTED COMPONENTS WITHIN EDUCATION GROUPS
THREE MONTH MOVING AVERAGES**

DATE OF SURVEY		Education of Respondent								
		SENTIMENT INDEX			CURRENT INDEX			EXPECTED INDEX		
		H.S. or Less	Some College	College Degree	H.S. or Less	Some College	College Degree	H.S. or Less	Some College	College Degree
May	2020	79.4	83.4	74.6	80.8	90.1	87.7	78.6	79.2	66.2
June	2020	74.2	75.8	73.2	75.5	79.6	84.4	73.4	73.4	66.0
July	2020	73.0	75.8	74.1	78.0	84.5	86.4	69.9	70.1	66.1
August	2020	76.2	75.3	74.2	80.9	85.0	85.4	73.2	69.1	67.0
September	2020	75.8	77.4	74.6	77.2	85.6	86.5	74.9	72.1	67.0
October	2020	78.8	81.4	77.4	76.6	88.3	87.3	80.1	76.9	71.0
November	2020	79.7	81.6	78.5	79.2	87.5	89.0	80.0	77.9	71.8
December	2020	77.1	80.1	80.9	79.4	88.2	90.8	75.6	74.8	74.6
January	2021	75.0	75.9	82.1	81.7	84.3	92.7	70.7	70.5	75.4
February	2021	70.6	73.9	84.8	78.6	82.8	94.2	65.4	68.2	78.8
March	2021	72.4	74.1	86.3	80.8	83.5	94.4	67.1	68.1	81.1
April	2021	71.6	78.8	89.6	83.1	88.0	97.4	64.2	72.9	84.7
May	2021	74.6	81.5	91.5	85.2	89.7	98.4	67.8	76.3	87.1
June	2021	71.8	82.1	92.7	80.2	90.6	97.1	66.5	76.6	89.8
July	2021	74.2	79.1	89.3	79.5	87.1	91.7	70.8	73.9	87.7
August	2021	69.3	74.0	85.6	76.1	82.7	88.2	64.9	68.4	83.9
September	2021	69.4	69.3	79.9	79.4	78.3	83.9	62.9	63.5	77.3
October	2021	64.5	66.4	77.3	75.6	77.3	81.5	57.4	59.4	74.6
November	2021	63.2	66.6	75.6	73.9	77.0	78.8	56.4	59.9	73.6
December	2021	61.3	66.0	75.6	70.9	75.4	77.0	55.1	59.9	74.6
January	2022	59.5	63.9	74.3	67.3	70.8	76.9	54.4	59.4	72.6
February	2022	59.4	61.5	72.7	67.1	68.3	74.9	54.4	57.1	71.3
March	2022	56.1	59.0	67.8	66.4	66.0	71.7	49.4	54.4	65.4
April	2022	55.8	58.2	67.1	67.4	65.7	69.9	48.3	53.5	65.3
May	2022	55.4	57.6	64.6	66.5	65.2	66.9	48.3	52.8	63.1
June	2022	54.5	53.2	61.5	62.2	59.4	63.3	49.5	49.2	60.4
July	2022	50.2	49.0	56.9	55.5	56.8	60.4	46.8	44.0	54.6
August	2022	51.6	48.2	57.0	53.7	55.3	59.2	50.2	43.7	55.5
September	2022	54.1	51.1	60.1	54.0	57.1	62.1	54.1	47.2	58.9
October	2022	58.4	53.6	62.2	59.8	58.9	63.5	57.4	50.2	61.4
November	2022	56.3	55.7	60.8	58.3	60.6	63.1	54.9	52.6	59.3
December	2022	55.3	58.1	60.5	56.9	62.8	61.9	54.2	55.0	59.6
January	2023	56.3	59.0	62.9	56.5	60.6	64.9	56.2	58.0	61.6
February	2023	60.9	60.2	67.1	60.6	62.7	70.1	61.1	58.6	65.2
March	2023	62.5	59.2	69.4	62.8	63.2	74.4	62.3	56.6	66.1
April	2023	61.0	60.3	68.5	63.2	66.1	72.7	59.7	56.7	65.8
May	2023	55.7	59.1	66.2	60.2	65.8	70.2	52.9	54.8	63.6

**CHART 4: INDEX OF CONSUMER SENTIMENT WITHIN EDUCATION GROUPS
(THREE MONTH MOVING AVERAGES)**

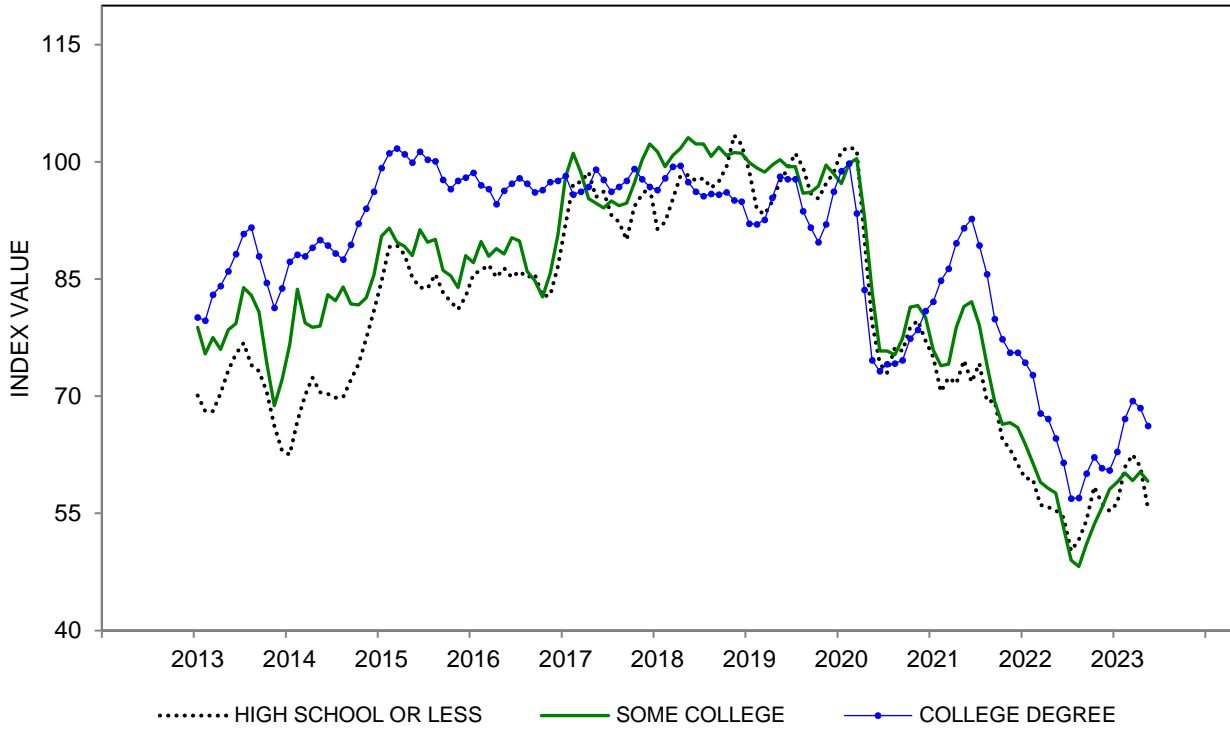


CHART 4: INDEX OF CONSUMER SENTIMENT WITHIN EDUCATION GROUPS

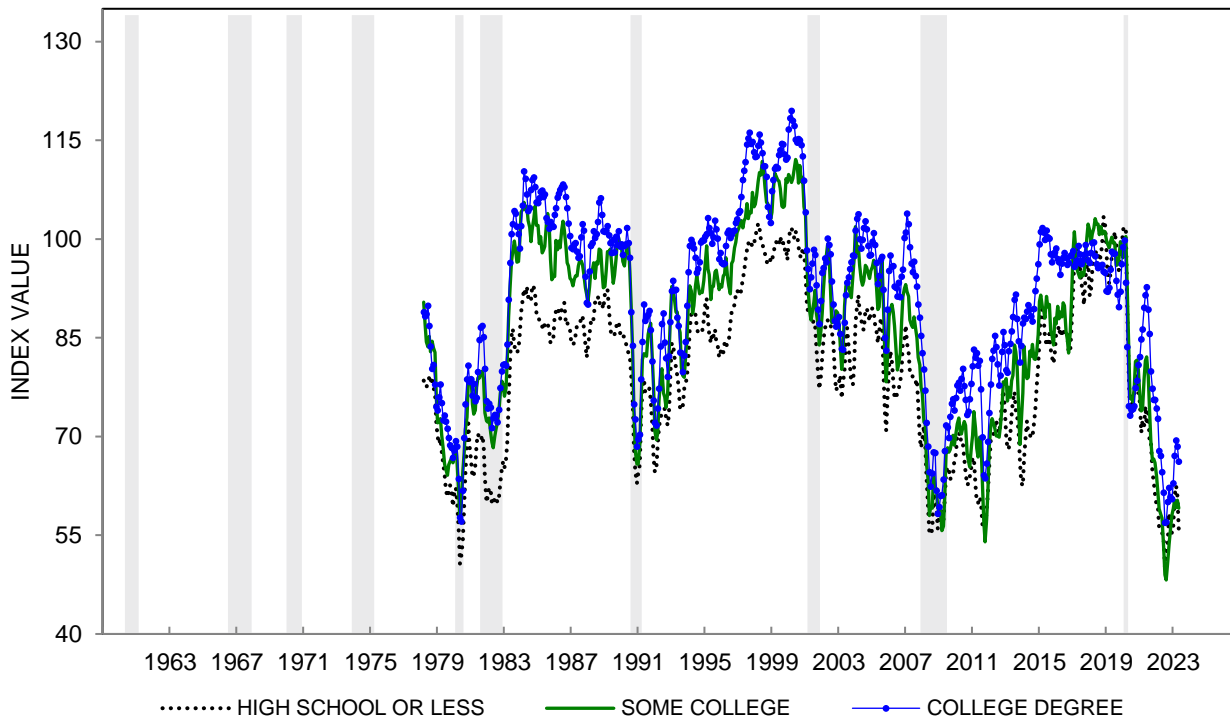


TABLE 5A
THE INDEX OF CONSUMER SENTIMENT WITH CURRENT
AND EXPECTED COMPONENTS BY REGION OF RESIDENCE
THREE MONTH MOVING AVERAGES

DATE OF SURVEY	Region of Residence												
	SENTIMENT INDEX				CURRENT INDEX				EXPECTED INDEX				
	NE	NC	S	W	NE	NC	S	W	NE	NC	S	W	
May	2020	71.1	78.1	81.2	76.3	80.5	87.0	88.8	87.6	65.2	72.3	76.4	69.1
June	2020	70.2	75.2	76.0	72.5	75.4	82.4	81.7	83.2	66.9	70.5	72.3	65.6
July	2020	69.8	75.9	77.5	70.5	80.0	85.4	85.8	82.3	63.2	69.7	72.1	62.9
August	2020	73.2	76.8	77.3	70.0	82.7	87.3	85.0	80.6	67.0	70.1	72.4	63.2
September	2020	70.9	78.5	78.9	70.7	82.7	89.4	84.4	80.5	63.3	71.4	75.4	64.4
October	2020	75.3	82.4	81.1	74.1	85.0	92.8	84.6	80.4	69.0	75.7	78.9	70.1
November	2020	79.0	82.5	81.4	74.8	88.2	91.2	86.7	82.4	73.1	77.0	78.1	69.9
December	2020	82.1	81.4	81.1	74.8	88.6	90.7	87.5	84.5	77.9	75.4	77.0	68.5
January	2021	81.9	77.5	80.3	75.8	86.5	88.0	90.3	85.4	79.1	70.9	73.9	69.6
February	2021	78.8	78.5	79.7	77.7	82.9	90.4	89.9	84.9	76.2	70.8	73.2	73.1
March	2021	79.5	79.0	81.4	80.2	84.2	88.8	93.4	84.3	76.6	72.7	73.7	77.6
April	2021	82.6	83.9	83.2	83.7	91.4	92.2	93.1	91.0	77.0	78.5	76.8	79.0
May	2021	88.6	83.2	85.6	85.0	95.4	89.3	95.0	92.6	84.2	79.3	79.6	80.2
June	2021	89.6	83.7	85.3	85.3	92.5	90.8	91.5	92.3	87.7	79.1	81.2	80.8
July	2021	89.9	80.6	81.4	83.9	87.4	86.3	87.7	88.4	91.5	77.0	77.4	80.9
August	2021	81.3	78.8	77.3	80.5	79.7	87.2	83.3	84.5	82.3	73.5	73.3	77.9
September	2021	76.9	76.3	72.5	75.5	78.8	85.1	79.5	81.0	75.6	70.7	67.9	72.0
October	2021	72.6	72.9	69.7	73.1	77.0	81.3	76.7	80.9	69.7	67.5	65.1	68.1
November	2021	72.4	70.3	68.6	73.3	76.4	76.5	74.7	82.2	69.9	66.3	64.6	67.5
December	2021	70.9	67.3	68.6	74.1	72.1	72.2	74.1	82.1	70.1	64.2	65.1	68.9
January	2022	66.7	67.7	67.3	72.1	66.5	74.2	72.3	78.9	66.9	63.5	64.1	67.8
February	2022	68.0	67.7	64.6	69.1	66.0	74.9	69.8	74.9	69.3	63.1	61.2	65.4
March	2022	66.4	64.7	59.7	65.0	68.3	72.8	66.0	71.4	65.1	59.5	55.7	61.0
April	2022	68.1	62.3	59.5	63.8	71.1	70.1	65.3	69.4	66.1	57.4	55.7	60.3
May	2022	65.8	60.1	58.6	62.5	68.4	65.7	64.6	70.0	64.0	56.6	54.7	57.7
June	2022	62.2	56.3	56.2	59.2	62.4	60.0	60.4	67.6	62.1	53.9	53.6	53.7
July	2022	57.0	52.6	51.6	54.3	59.0	56.1	56.3	64.2	55.9	50.3	48.6	47.9
August	2022	54.5	53.7	51.5	55.1	57.1	57.8	53.9	60.7	52.9	51.0	50.0	51.5
September	2022	57.9	60.1	52.9	56.5	61.2	64.4	54.6	58.6	55.9	57.4	51.8	55.1
October	2022	61.9	62.6	55.7	58.9	63.4	66.6	57.9	60.4	60.9	60.0	54.3	57.9
November	2022	62.5	61.1	55.8	57.3	62.2	65.1	59.8	59.9	62.7	58.6	53.2	55.7
December	2022	61.6	60.9	57.3	57.3	59.6	63.2	61.4	60.6	62.8	59.4	54.6	55.3
January	2023	61.0	61.9	60.8	58.3	58.0	65.2	63.6	60.3	62.9	59.9	58.9	57.1
February	2023	63.4	65.2	66.0	59.7	63.0	68.8	68.5	62.2	63.6	62.9	64.3	58.1
March	2023	65.1	65.3	66.6	60.6	66.2	72.0	70.1	63.9	64.3	60.9	64.4	58.3
April	2023	64.9	65.6	64.7	61.4	67.5	71.1	68.1	66.6	63.1	62.0	62.5	57.9
May	2023	65.2	64.5	60.0	58.4	67.3	70.5	64.6	64.8	63.9	60.7	57.0	54.3

NE - North East (CT, MA, ME, NH, NJ, NY, PA, RI, VT)

NC - North Central (IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI)

S - South (AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV, DC)

W - West (AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY)

**CHART 5A: INDEX OF CONSUMER SENTIMENT BY REGION OF RESIDENCE
(THREE MONTH MOVING AVERAGES)**

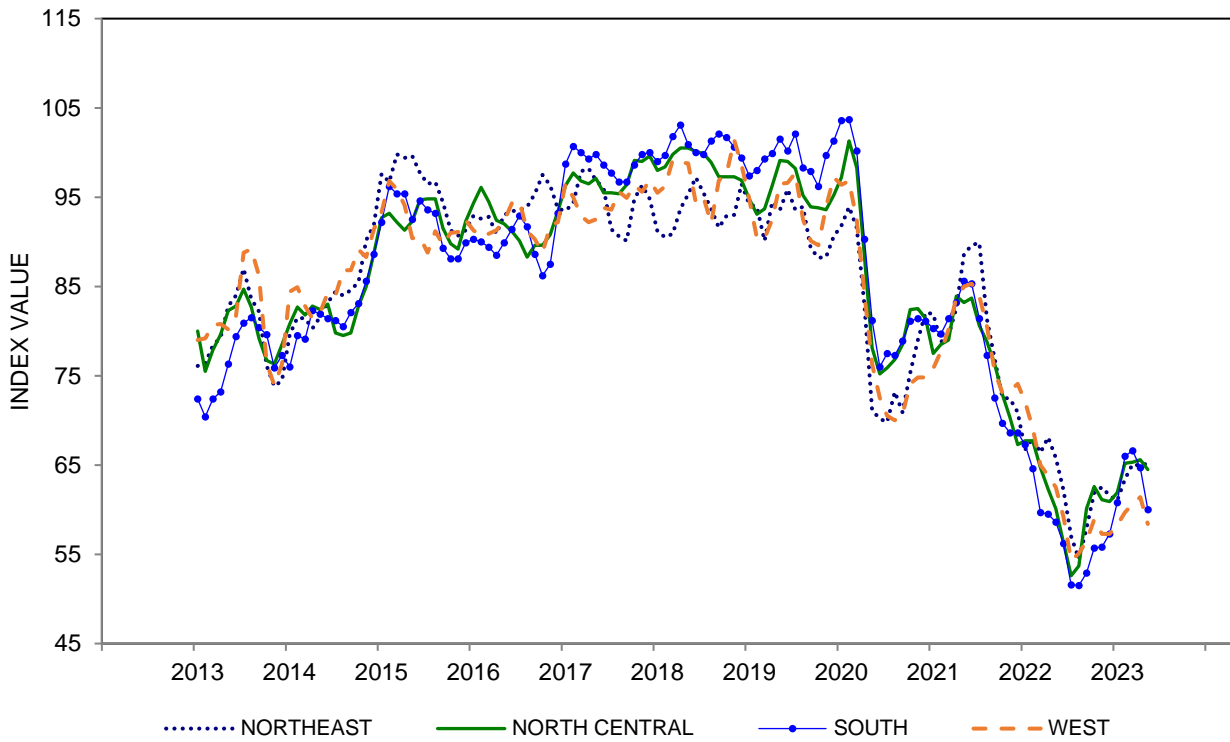


CHART 5A: INDEX OF CONSUMER SENTIMENT BY REGION OF RESIDENCE

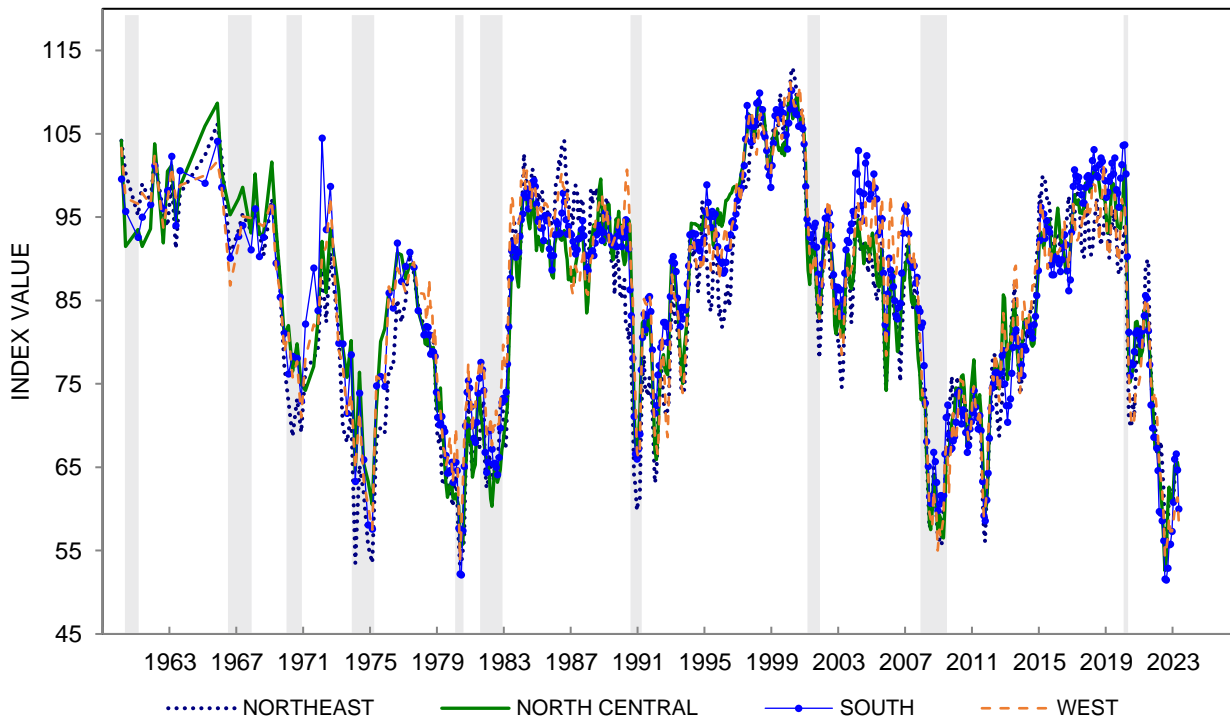


TABLE 5B
THE INDEX OF CONSUMER SENTIMENT WITH CURRENT
AND EXPECTED COMPONENTS BY POLITICAL PARTY
THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Respondent Political Party								
		SENTIMENT INDEX			CURRENT INDEX			EXPECTED INDEX		
		DEM	IND	REP	DEM	IND	REP	DEM	IND	REP
		ICS	ICS	ICS	ICC	ICC	ICC	ICE	ICE	ICE
May	2020	59.8	77.0	98.8	76.5	85.2	101.2	49.0	71.7	97.2
June	2020	56.6	72.8	95.4	71.2	79.8	95.1	47.2	68.2	95.5
July	2020	56.8	72.3	95.3	73.6	81.7	99.1	46.1	66.1	92.9
August	2020	57.2	72.8	98.0	74.0	81.1	101.1	46.4	67.5	96.1
September	2020	60.5	72.8	97.3	76.2	80.6	100.3	50.3	67.7	95.4
October	2020	65.9	75.1	98.5	78.2	81.4	100.0	58.0	71.1	97.5
November	2020	71.2	76.5	93.5	78.6	83.6	102.1	66.5	71.9	88.0
December	2020	77.0	77.1	86.6	80.5	84.1	103.3	74.7	72.6	75.9
January	2021	82.7	77.3	77.2	83.2	84.2	102.7	82.5	72.8	60.9
February	2021	89.0	76.8	70.5	87.3	84.3	96.1	90.1	72.0	54.1
March	2021	94.8	77.8	66.9	90.9	86.0	91.6	97.3	72.6	51.1
April	2021	100.8	80.2	67.1	97.8	90.1	89.6	102.8	73.9	52.7
May	2021	104.2	82.0	67.2	100.7	90.7	89.2	106.4	76.3	53.0
June	2021	104.7	82.7	64.8	100.7	89.9	84.9	107.4	78.0	51.9
July	2021	101.7	80.9	63.3	95.8	87.5	80.1	105.6	76.7	52.4
August	2021	98.4	76.2	58.8	93.3	84.3	74.1	101.6	71.1	48.9
September	2021	92.8	72.8	56.9	90.6	81.7	71.4	94.3	67.2	47.6
October	2021	90.8	69.3	53.1	89.0	78.3	68.8	91.9	63.5	42.9
November	2021	89.4	70.5	48.9	87.4	78.7	62.3	90.8	65.3	40.3
December	2021	90.5	69.8	45.9	86.5	77.7	58.1	93.1	64.7	38.0
January	2022	88.2	68.9	43.2	84.1	76.4	54.8	90.8	64.1	35.6
February	2022	86.3	64.8	47.2	82.8	71.2	59.4	88.5	60.7	39.4
March	2022	81.6	59.9	46.6	78.8	68.8	58.3	83.4	54.2	39.1
April	2022	81.1	58.5	47.5	78.7	66.6	59.3	82.7	53.2	39.9
May	2022	79.1	57.7	44.5	76.6	66.1	54.4	80.7	52.2	38.1
June	2022	75.6	55.1	40.9	72.8	61.4	49.7	77.4	51.0	35.2
July	2022	69.6	52.3	36.1	68.8	59.6	43.3	70.1	47.6	31.4
August	2022	69.1	52.6	36.0	66.3	59.3	41.8	70.9	48.3	32.3
September	2022	73.4	55.8	38.6	69.5	61.0	43.7	75.8	52.5	35.2
October	2022	77.0	58.0	41.0	73.9	62.5	45.5	79.0	55.2	38.1
November	2022	76.1	57.6	41.1	75.2	61.7	45.9	76.7	55.0	38.0
December	2022	76.3	57.7	40.9	73.8	61.5	46.3	77.9	55.3	37.5
January	2023	76.7	59.5	43.1	74.2	61.9	48.0	78.4	58.0	40.1
February	2023	79.1	63.3	47.4	75.6	66.3	53.9	81.3	61.3	43.2
March	2023	79.0	63.7	50.0	78.5	67.4	58.8	79.4	61.2	44.4
April	2023	79.8	62.2	50.0	78.2	67.2	59.8	80.8	58.9	43.7
May	2023	79.0	58.6	47.2	79.6	64.1	56.9	78.6	55.0	41.0

**CHART 5B: INDEX OF CONSUMER SENTIMENT BY Political Party
(THREE MONTH MOVING AVERAGES)**

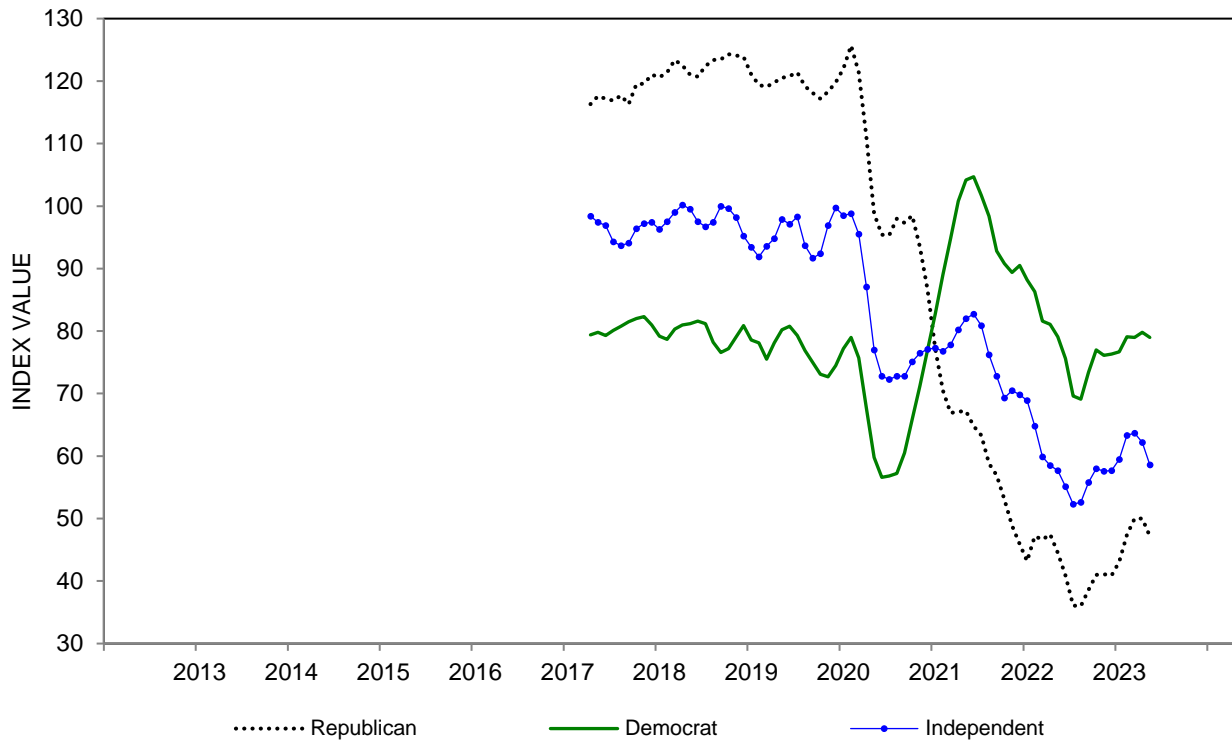


CHART 5B: INDEX OF CONSUMER SENTIMENT BY Political Party

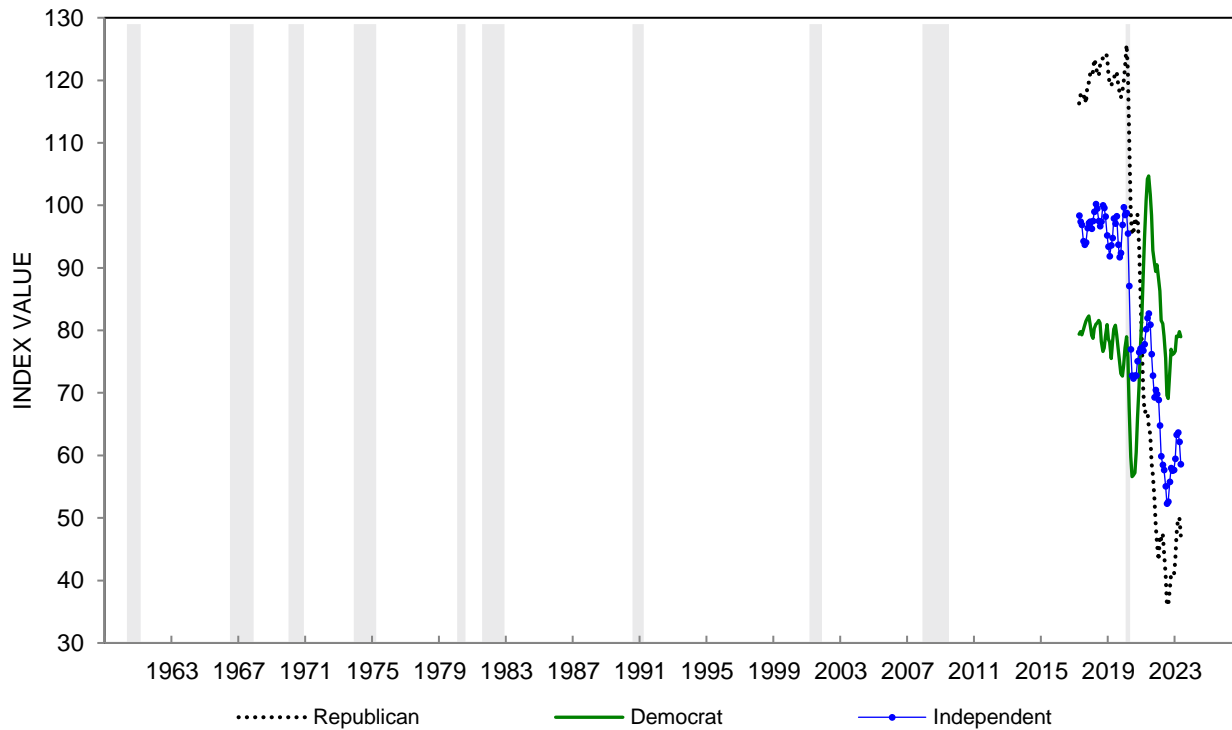


TABLE 6

CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
BETTER OFF	37%	25%	28%	30%	30%	30%	30%	27%	33%	34%	31%	30%	31%
SAME	17	22	19	20	20	18	17	21	23	23	26	24	23
WORSE OFF	46	53	53	50	50	52	53	52	44	43	43	46	46
DK, NA	*	*	*	*	*	*	*	*	*	*	*	*	*
TOTAL CASES	100% 601	100% 602	100% 601	100% 602	100% 601	100% 600	100% 602	100% 600	100% 600	100% 602	100% 603	100% 601	100% 605
INDEX SCORE	91	72	75	80	80	78	77	75	89	91	88	84	85

**CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	94	87	79	76	78	79	78	77	80	85	89	88	86
Age 18 to 44	115	110	103	99	99	100	103	102	107	105	109	108	108
Age 45 to 64	79	73	64	62	67	68	63	60	63	72	75	76	73
Age 65+	83	73	65	61	63	63	59	60	64	74	79	74	69
Income Bottom Third	81	81	74	70	69	71	73	73	78	79	81	73	71
Income Middle Third	95	85	74	74	78	79	77	74	74	78	83	90	87
Income Top Third	107	97	91	84	89	89	86	85	90	100	105	102	100
Educ High School or Less	83	76	67	67	69	73	68	65	68	76	80	76	72
Educ Some College	83	77	72	67	69	68	71	73	73	75	75	78	74
Educ College Degree	103	96	88	84	88	88	87	83	88	93	101	100	100
Democrat	118	112	104	101	105	105	104	99	102	105	115	113	113
Independent	90	85	80	78	79	79	78	79	83	87	86	84	80
Republican	74	62	50	44	49	50	51	49	51	57	63	67	65

The question was: "We are interested in how people are getting along financially these days. Would you say that you (and your family living there) are better off or worse off financially than you were a year ago?"

Index Score is the percent favorable minus the percent unfavorable plus 100

*: Less than half of one percent.

CHART 6: CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

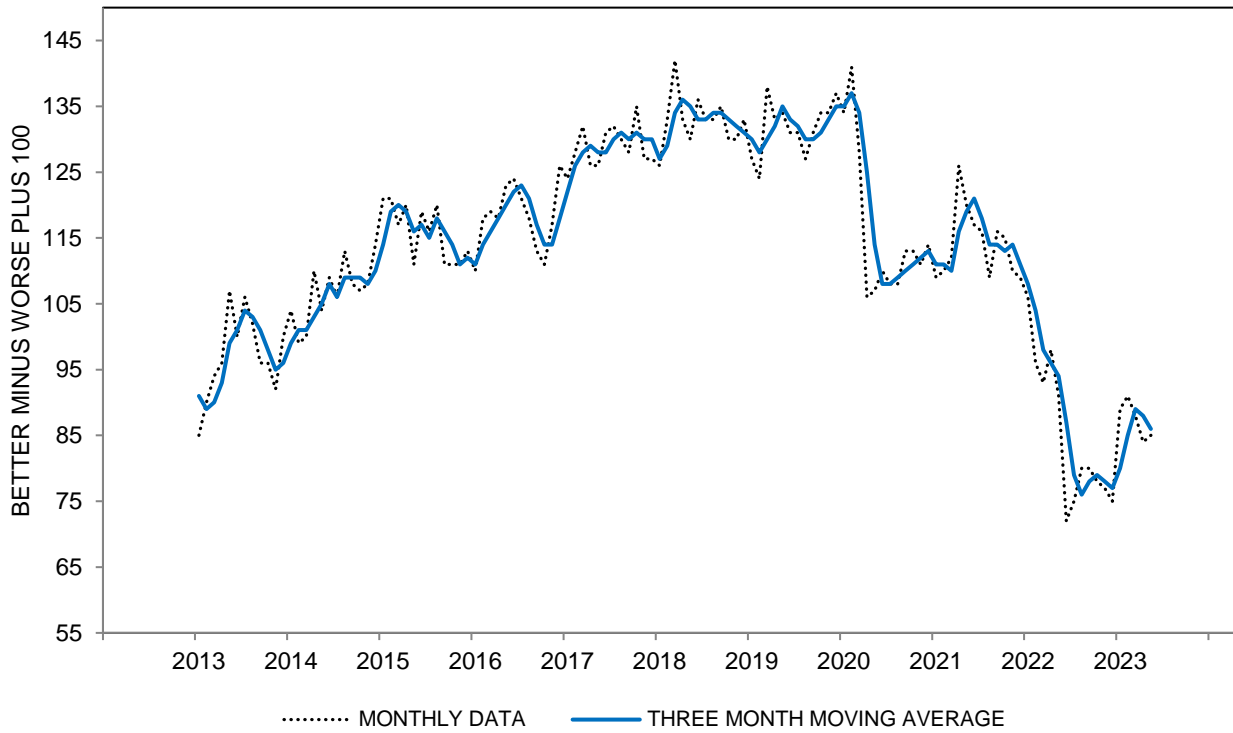


CHART 6: CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

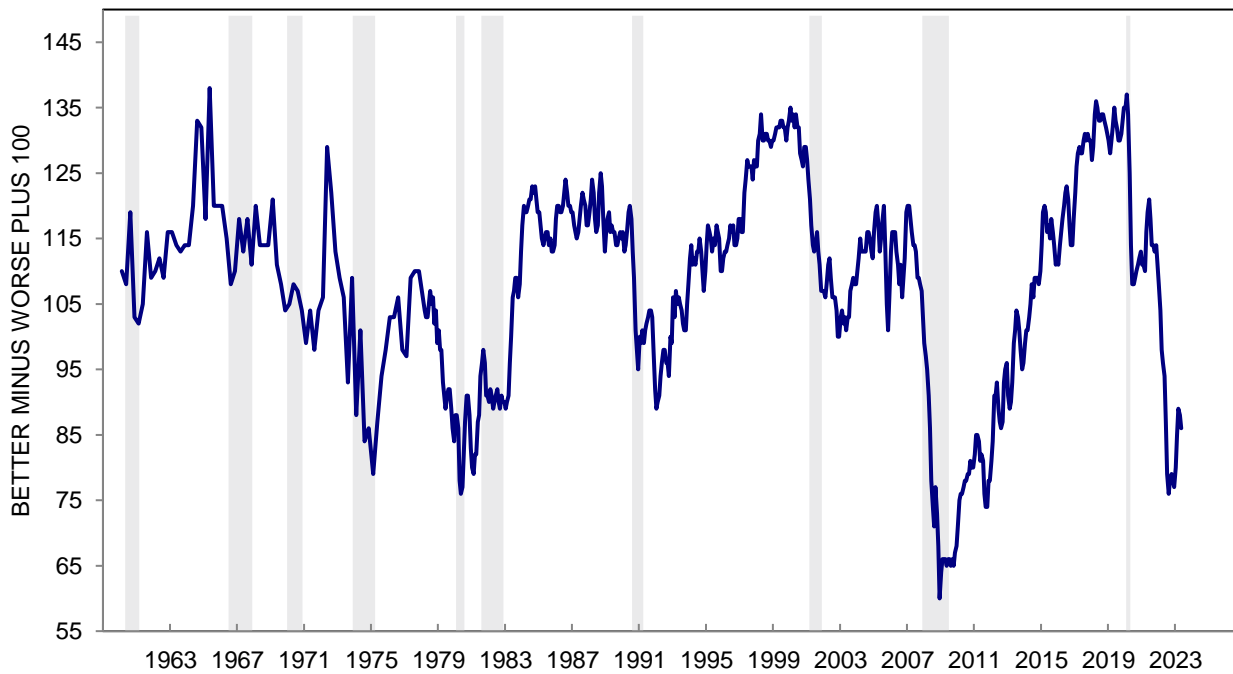


TABLE 7
SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
BETTER THAN YEAR AGO:													
Income higher	34%	24%	24%	31%	27%	28%	27%	26%	28%	28%	29%	27%	30%
Increased HH Contribution	5	2	3	5	2	3	4	3	4	6	6	3	4
Assets Higher	4	3	4	3	3	3	3	3	3	5	3	4	3
Debt Lower	4	3	2	3	3	2	4	3	4	2	4	4	4
Expense Lower	7	5	8	6	6	5	4	5	8	7	5	6	6
WORSE THAN YEAR AGO:													
Income lower	19	18	18	19	21	19	20	22	19	18	19	20	21
Decreased HH Contribution	3	4	7	3	5	4	3	3	4	3	4	4	5
Higher prices	38	47	49	44	42	42	46	43	36	38	38	40	41
Assets Lower	7	10	9	8	7	12	11	8	11	5	5	6	6
Debt Higher	3	1	2	3	3	2	3	3	3	4	3	3	5
Expense Higher	4	3	3	3	5	5	4	4	2	3	3	8	3

SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION

INCOME HIGHER - INCOME LOWER (THREE MONTH MOVING AVERAGES)

All	13	10	9	8	8	9	7	7	7	8	10	9	9
Age 18 to 44	28	23	23	18	18	20	22	22	22	20	23	24	25
Age 45 to 64	3	1	-2	1	1	3	-2	-2	-3	1	0	0	0
Age 65+	3	1	0	-1	0	-1	-3	-4	-3	-1	1	-1	-3
Income Bottom Third	-1	-2	0	-2	-2	-3	0	-2	-1	-2	-1	-5	-6
Income Middle Third	14	10	7	9	8	10	4	4	1	2	6	12	10
Income Top Third	25	21	20	17	16	19	19	21	22	24	23	21	21
Educ High School or Less	4	-1	-1	0	-1	-1	-4	-8	-6	-1	3	0	-5
Educ Some College	13	7	6	1	0	-1	-1	2	1	2	1	3	1
Educ College Degree	15	14	14	15	15	19	18	16	15	15	18	19	20
Democrat	23	21	21	21	22	22	22	20	18	18	22	22	20
Independent	11	8	9	10	9	9	6	6	6	8	7	6	5
Republican	4	-3	-8	-11	-8	-3	-4	-3	-4	-2	1	2	4

HIGHER PRICES (THREE MONTH MOVING AVERAGES)

All	37	40	45	47	45	43	43	44	42	39	37	39	40
Age 18 to 44	27	31	36	38	37	36	34	34	30	32	30	34	32
Age 45 to 64	43	48	52	55	51	47	49	50	50	45	44	43	46
Age 65+	42	44	47	48	49	47	50	50	48	42	39	40	43
Income Bottom Third	39	40	44	47	45	41	43	44	43	38	36	39	40
Income Middle Third	38	43	49	50	49	45	45	45	44	45	43	43	43
Income Top Third	33	38	41	43	40	41	42	42	38	34	33	35	37
Educ High School or Less	43	46	51	51	48	41	45	47	46	42	41	43	42
Educ Some College	41	44	50	52	50	49	47	48	47	44	41	42	44
Educ College Degree	32	36	39	41	41	40	41	40	37	35	34	35	35
Democrat	23	27	33	34	33	28	28	29	28	27	25	26	25
Independent	39	41	42	43	42	41	44	43	42	39	39	41	43
Republican	49	55	62	66	62	61	60	61	56	53	49	50	52

(ASSETS HIGHER + DEBTS LOWER) - (ASSETS LOWER + DEBTS HIGHER)

(THREE MONTH MOVING AVERAGES)

All	2	-1	-4	-5	-5	-6	-7	-7	-6	-5	-3	-1	-2
Age 18 to 44	4	4	2	1	1	0	-2	-3	-3	-2	1	3	2
Age 45 to 64	-3	-4	-5	-5	-4	-8	-10	-11	-9	-5	-5	-3	-4
Age 65+	6	0	-9	-13	-11	-11	-11	-10	-9	-8	-8	-6	-6
Income Bottom Third	-3	0	-3	-2	-5	-4	-4	-3	-3	-5	-4	-3	-2
Income Middle Third	6	1	-2	-4	-3	-5	-8	-9	-9	-4	-3	-1	-5
Income Top Third	4	-1	-6	-8	-5	-7	-8	-8	-8	-5	-2	1	1
Educ High School or Less	-3	-1	-1	-1	-4	-5	-4	-5	-5	-4	-1	0	-2
Educ Some College	-1	0	-3	-3	-4	-5	-6	-5	-5	-6	-5	-3	-3
Educ College Degree	5	0	-5	-8	-6	-8	-9	-9	-9	-5	-4	-1	-2
Democrat	6	5	2	0	1	0	0	-2	-2	-2	1	3	5
Independent	1	-2	-4	-5	-4	-5	-5	-4	-3	-2	-3	-1	-3
Republican	-2	-4	-9	-10	-11	-13	-16	-17	-16	-10	-8	-7	-10

Responses to query: "Why do you say so?" following the question on Table 6.

May add to more than 100% due to multiple mentions.

CHART 7A: HIGHER PRICES AS REASONS FOR WORSE PERSONAL FINANCES

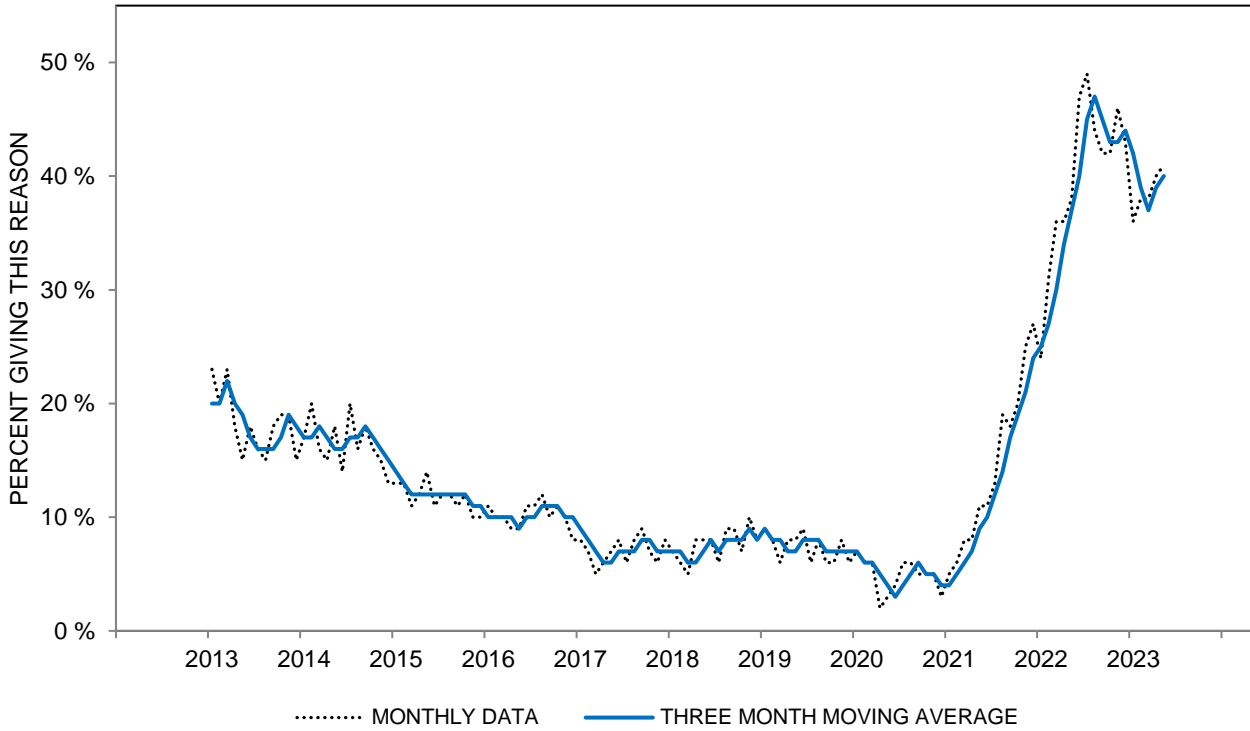
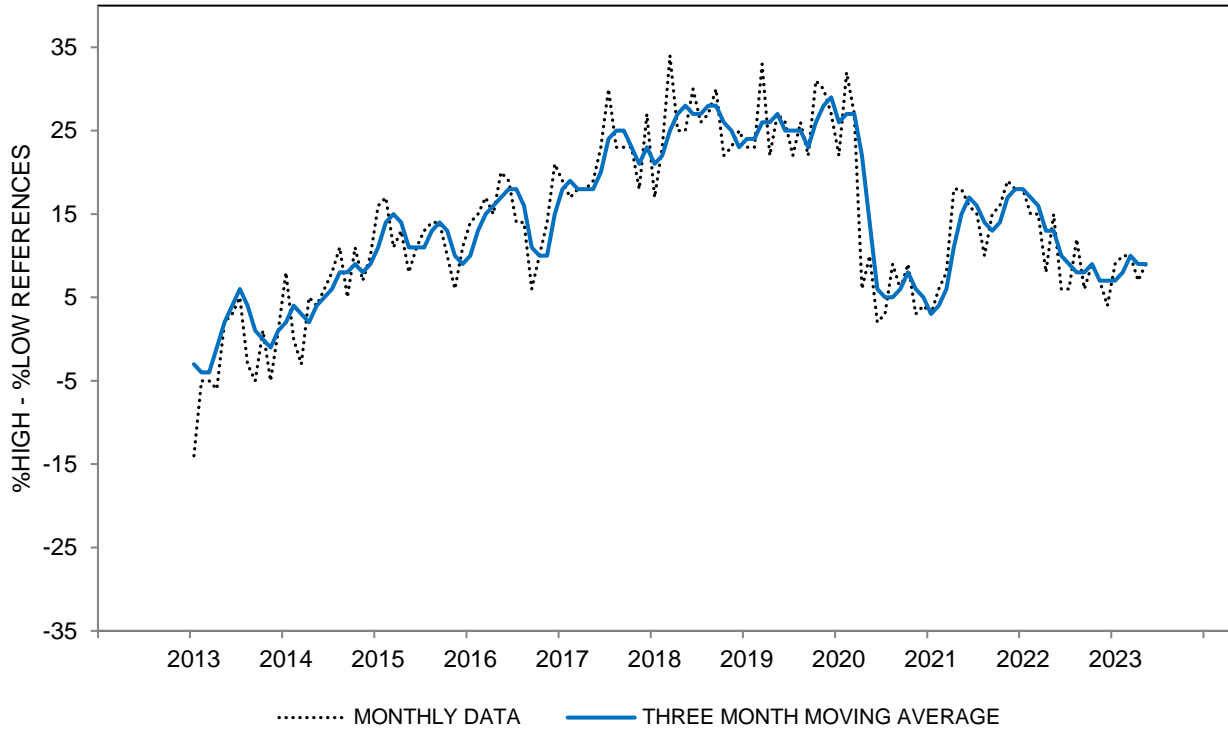


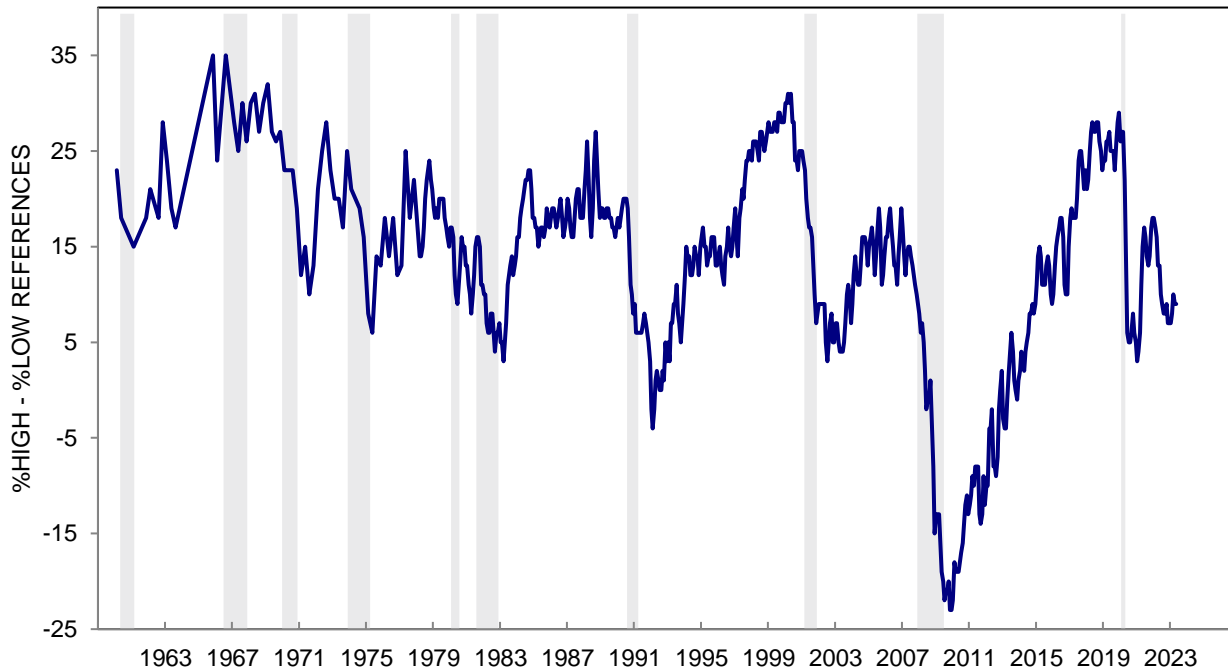
CHART 7A: HIGHER PRICES AS REASONS FOR WORSE PERSONAL FINANCES



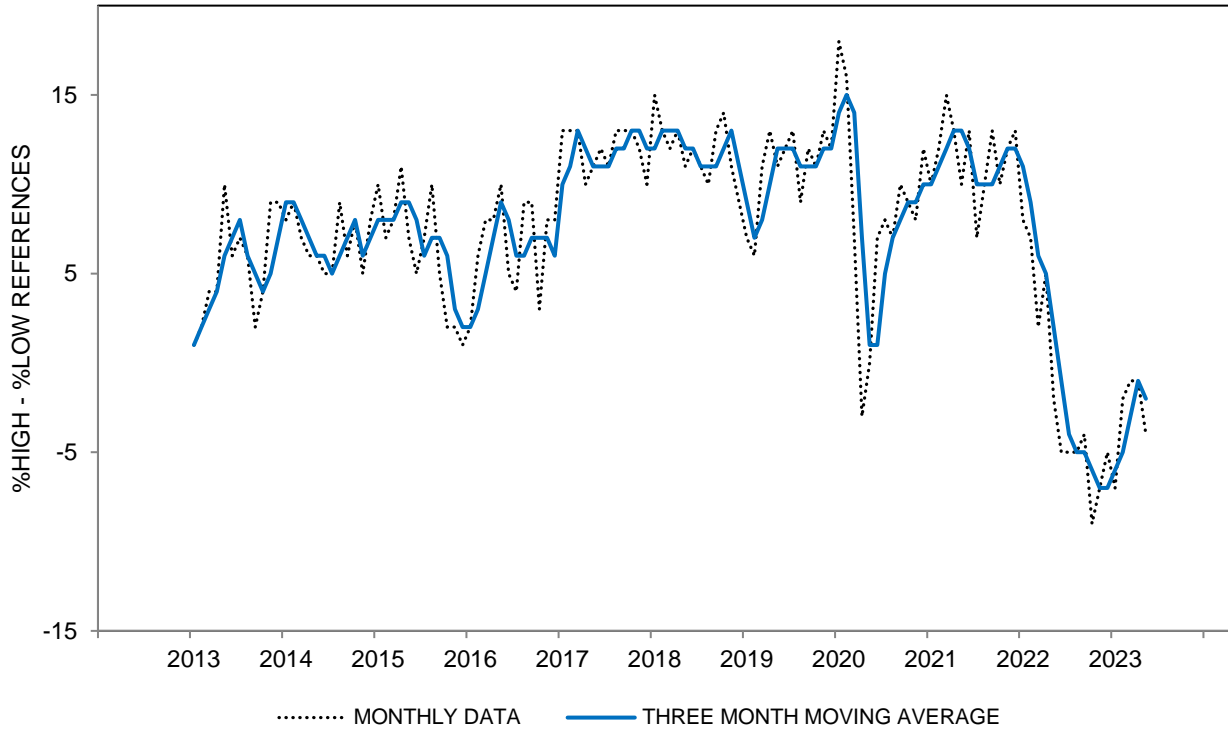
**CHART 7B: INCOME REASONS FOR CHANGES IN PERSONAL FINANCES:
(%HIGHER INCOME - %LOWER INCOME)**



**CHART 7B: INCOME REASONS FOR CHANGES IN PERSONAL FINANCES:
(%HIGHER INCOME - %LOWER INCOME)**



**CHART 7C: WEALTH REASONS FOR CHANGES IN PERSONAL FINANCES:
NET CHANGE IN ASSETS AND DEBTS
(HIGHER ASSETS + LOWER DEBTS) - (LOWER ASSETS + HIGHER DEBTS)**



**CHART 7C: WEALTH REASONS FOR CHANGES IN PERSONAL FINANCES:
NET CHANGE IN ASSETS AND DEBTS
(HIGHER ASSETS + LOWER DEBTS) - (LOWER ASSETS + HIGHER DEBTS)**

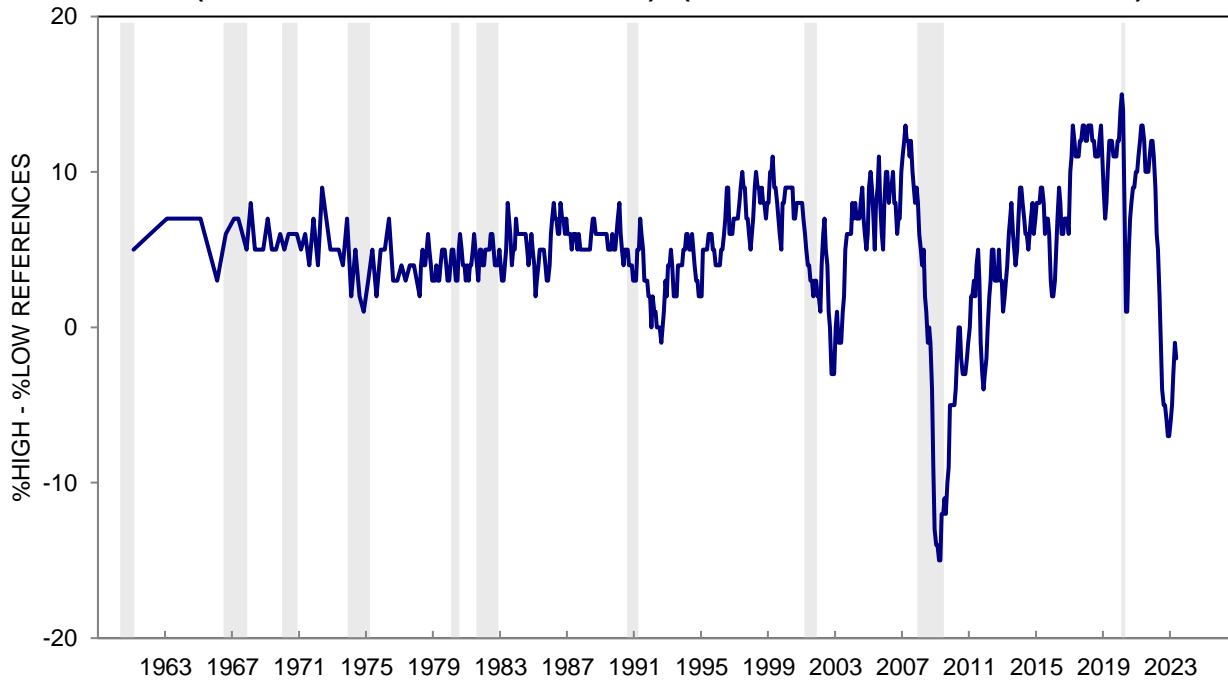


TABLE 8**EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR**

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
BETTER OFF	31%	27%	25%	31%	29%	30%	29%	28%	30%	32%	26%	27%	29%
SAME	42	37	44	43	44	43	45	47	50	45	49	47	43
WORSE OFF	24	32	29	24	24	24	23	22	18	21	22	22	25
DK, NA	3	4	2	2	3	3	3	3	2	2	3	4	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	107	95	96	107	105	106	106	106	112	111	104	105	104

**EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	103	104	99	99	103	106	106	106	108	110	109	107	104
Age 18 to 44	126	128	122	122	125	128	125	124	127	126	127	122	125
Age 45 to 64	94	91	87	88	95	99	98	99	101	108	105	105	98
Age 65+	83	88	83	82	81	83	86	88	90	90	89	88	84
Income Bottom Third	107	110	101	100	102	110	113	112	112	112	112	111	107
Income Middle Third	106	105	99	100	106	109	107	105	104	104	103	101	100
Income Top Third	98	98	97	99	103	103	100	104	109	115	113	110	106
Educ High School or Less	91	98	93	96	97	104	102	101	101	106	107	105	96
Educ Some College	102	97	91	91	97	100	102	100	103	103	106	101	99
Educ College Degree	109	110	106	105	108	110	110	112	115	116	113	111	111
Democrat	129	126	125	124	128	125	124	125	129	132	128	127	125
Independent	100	104	101	99	103	108	110	109	109	110	110	105	102
Republican	79	78	68	71	77	83	81	81	84	86	89	86	83

The question was: "Now looking ahead - do you think that a year from now you (and your family living there) will be better off financially, or worse off, or just about the same as now?"

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 8: EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR

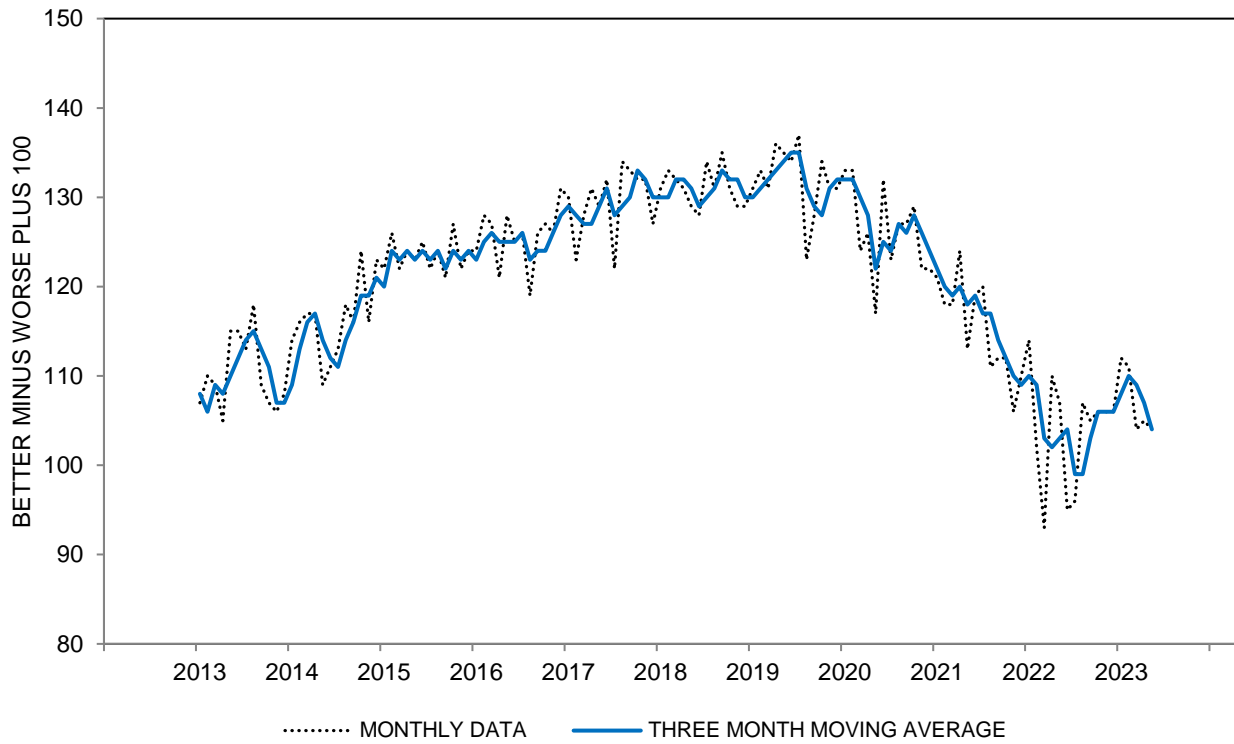


CHART 8: EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR

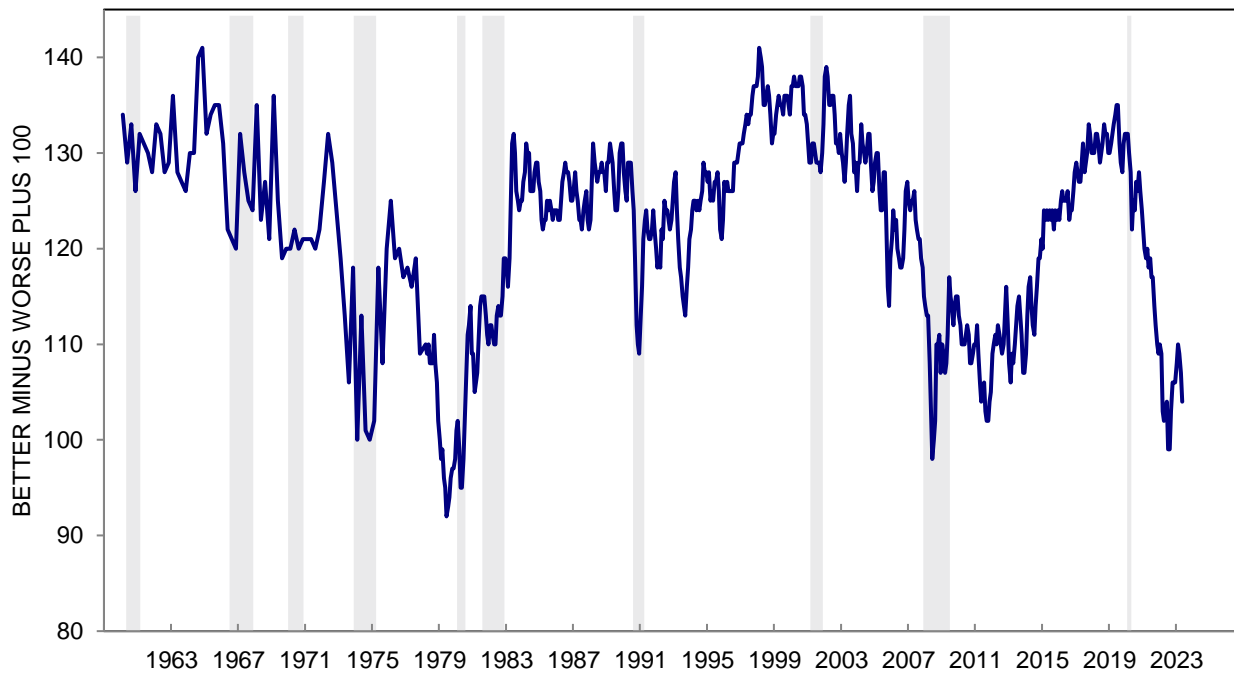


TABLE 9**ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION**

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
Personal Financial Progress													
Continuous increase (a)	19%	12%	12%	13%	13%	14%	12%	12%	15%	17%	12%	13%	16%
Intermittent increase (b)	18	15	17	21	20	18	21	19	22	20	24	20	20
Remain unchanged (c)	10	11	12	11	12	11	8	11	15	12	14	14	12
Intermittent decline (d)	21	21	22	20	20	23	25	25	23	23	23	22	21
Continuous decline (e)	17	25	24	19	20	19	17	18	13	14	16	17	20
Mixed change (f)	12	12	11	14	12	12	13	12	10	12	8	10	8
DK, NA	3	4	2	2	3	3	4	3	2	2	3	4	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	99	81	83	95	93	90	91	88	101	100	97	94	95

**ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	100	96	88	86	90	93	91	90	93	96	99	97	95
Age 18 to 44	127	125	114	114	115	118	118	116	122	120	123	119	122
Age 45 to 64	85	79	72	72	80	81	76	74	78	87	88	88	83
Age 65+	81	76	69	65	67	70	70	70	71	76	80	77	72
Income Bottom Third	95	96	87	86	87	92	92	89	93	92	94	88	85
Income Middle Third	101	94	82	84	91	92	89	87	87	89	91	96	94
Income Top Third	106	100	94	90	96	97	94	95	101	109	112	108	107
Educ High School or Less	86	87	77	80	81	88	82	79	81	89	92	89	81
Educ Some College	92	86	79	76	81	81	84	83	86	85	87	86	84
Educ College Degree	109	104	96	94	99	101	100	98	102	105	110	108	109
Democrat	130	124	118	116	122	122	121	116	120	122	128	126	127
Independent	96	94	87	87	91	94	92	92	94	97	97	93	91
Republican	73	66	53	51	56	59	60	58	63	65	69	69	67

Combination of the responses to the questions on Tables 6 and 8.

- Key: (a) Better off financially than a year ago/Better off a year from now
 (b) Better/Same or Same/Better
 (c) Same/Same
 (d) Worse/Same or Same/Worse
 (e) Worse/Worse
 (f) Worse/Better or Better/Worse

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 9: ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

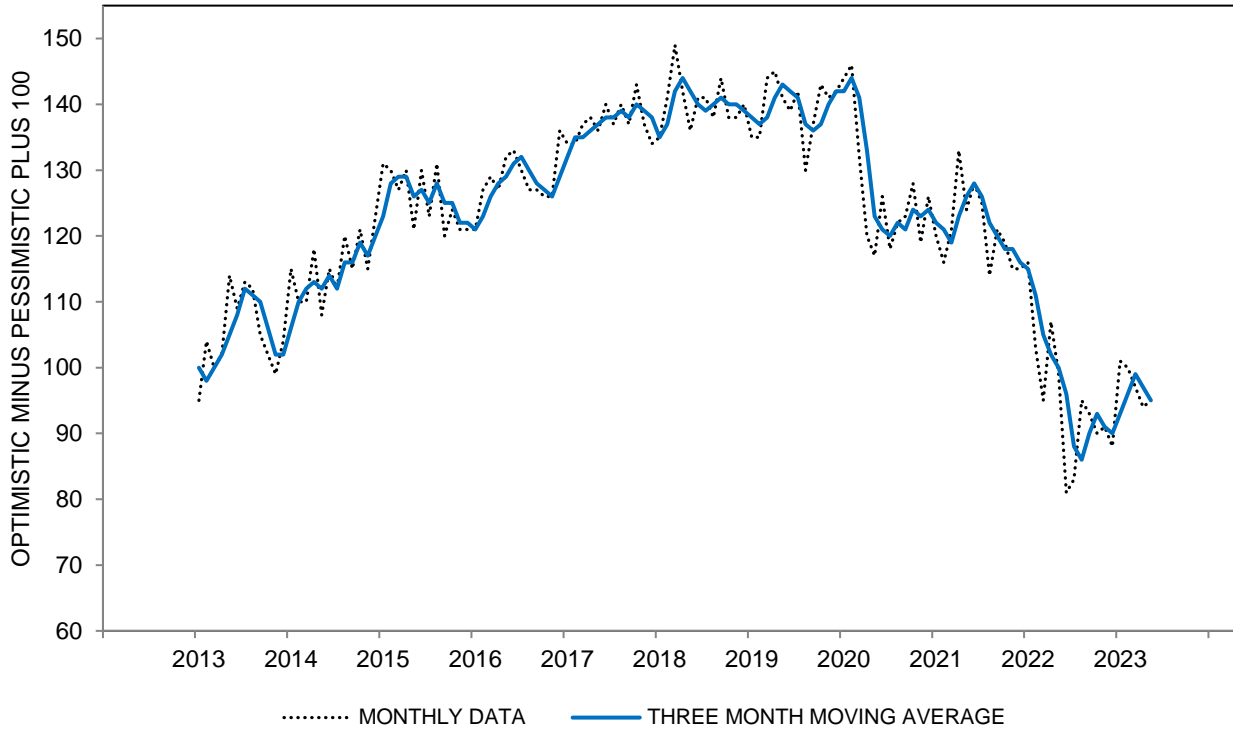


CHART 9: ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

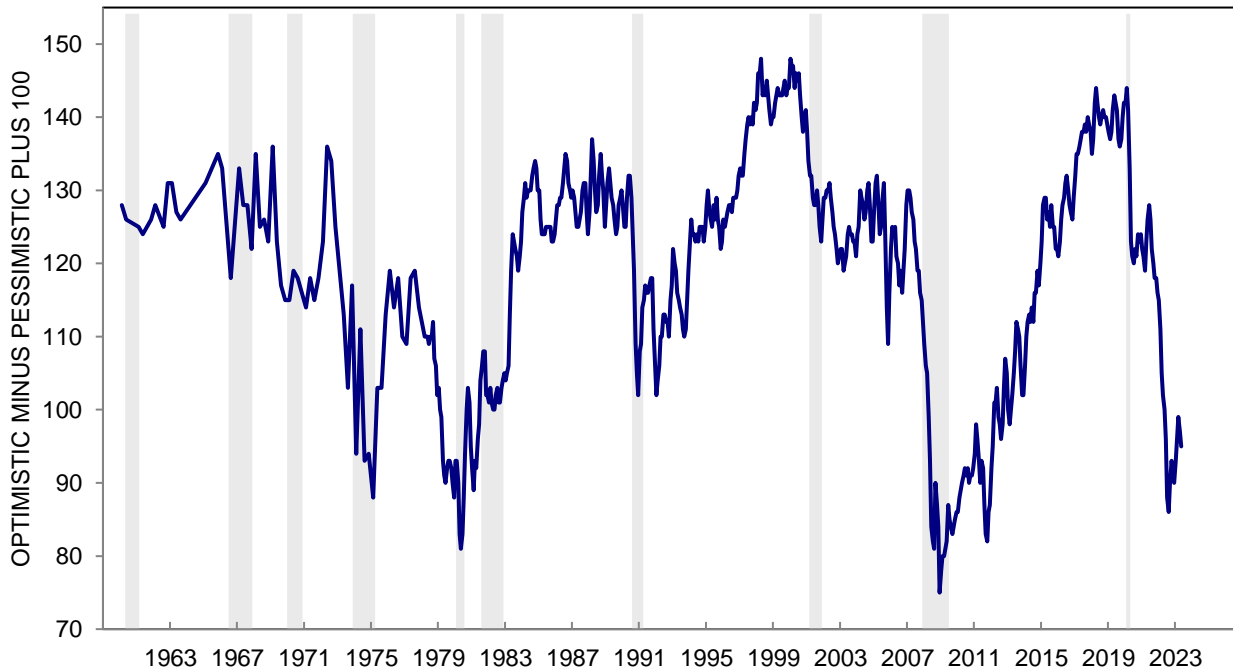


TABLE 10

CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
BETTER OFF	57%	53%	51%	54%	51%	52%	54%	52%	54%	54%	49%	50%	51%
SAME	9	10	10	10	10	8	7	9	11	10	11	9	9
WORSE OFF	33	36	38	34	38	39	39	38	35	35	40	41	39
DK, NA	1	1	1	2	1	1	*	1	*	1	*	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	124	117	113	120	113	113	115	114	119	119	109	109	112

**CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	128	125	118	117	115	115	114	114	116	117	116	112	110
Age 18 to 44	157	152	144	140	137	139	140	141	141	139	139	137	140
Age 45 to 64	119	116	107	108	109	106	103	100	105	110	106	103	96
Age 65+	99	99	95	95	92	92	88	92	95	97	95	89	85
Income Bottom Third	108	107	97	92	92	94	97	94	90	92	92	93	92
Income Middle Third	125	124	116	121	115	115	110	111	113	113	111	110	105
Income Top Third	154	146	143	138	140	138	137	138	144	147	145	136	133
Educ High School or Less	109	102	91	90	91	95	91	91	89	94	92	92	89
Educ Some College	123	120	108	105	103	102	105	106	111	109	107	105	102
Educ College Degree	139	138	135	136	134	132	128	127	130	132	133	128	126
Democrat	146	142	139	141	145	144	140	134	136	134	140	135	134
Independent	123	126	123	122	116	112	112	117	119	121	113	111	105
Republican	117	108	91	86	85	91	87	86	87	91	90	89	90

The question was: "Now thinking back 5 years, would you say you (and your family living there) are better off or worse off financially now than you were 5 years ago?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 10: CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO

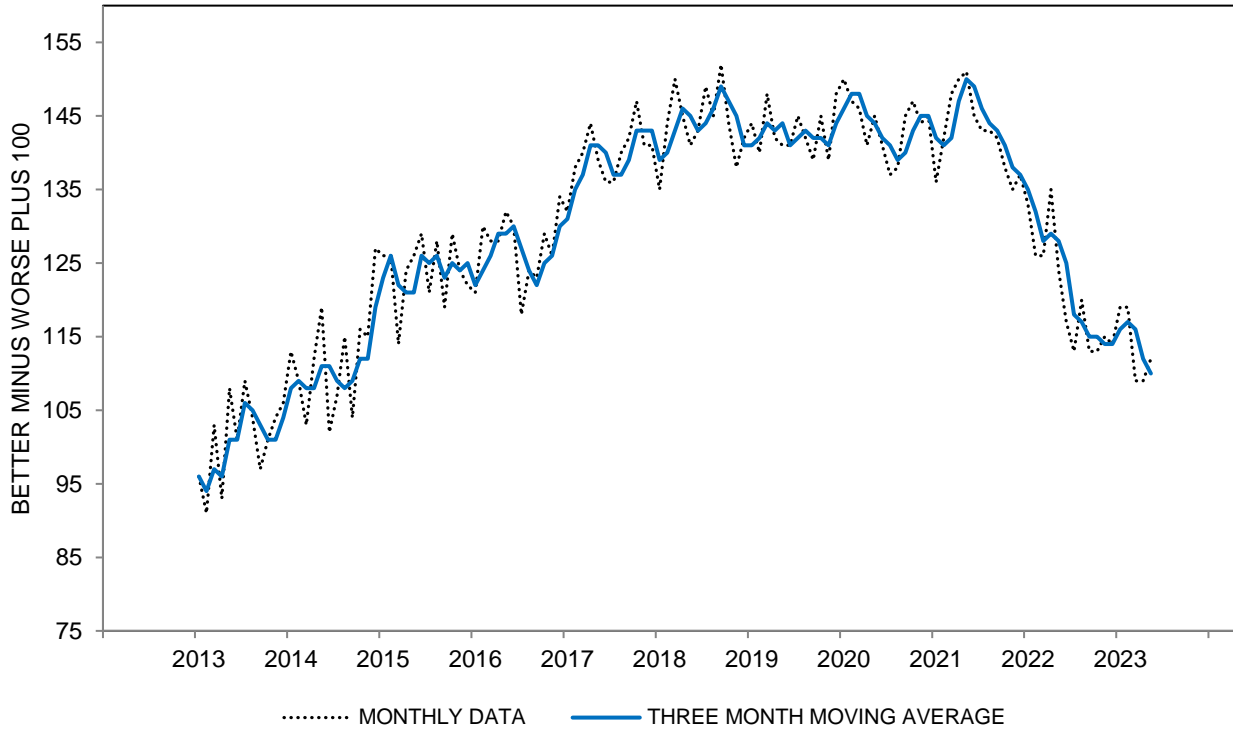


CHART 10: CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO

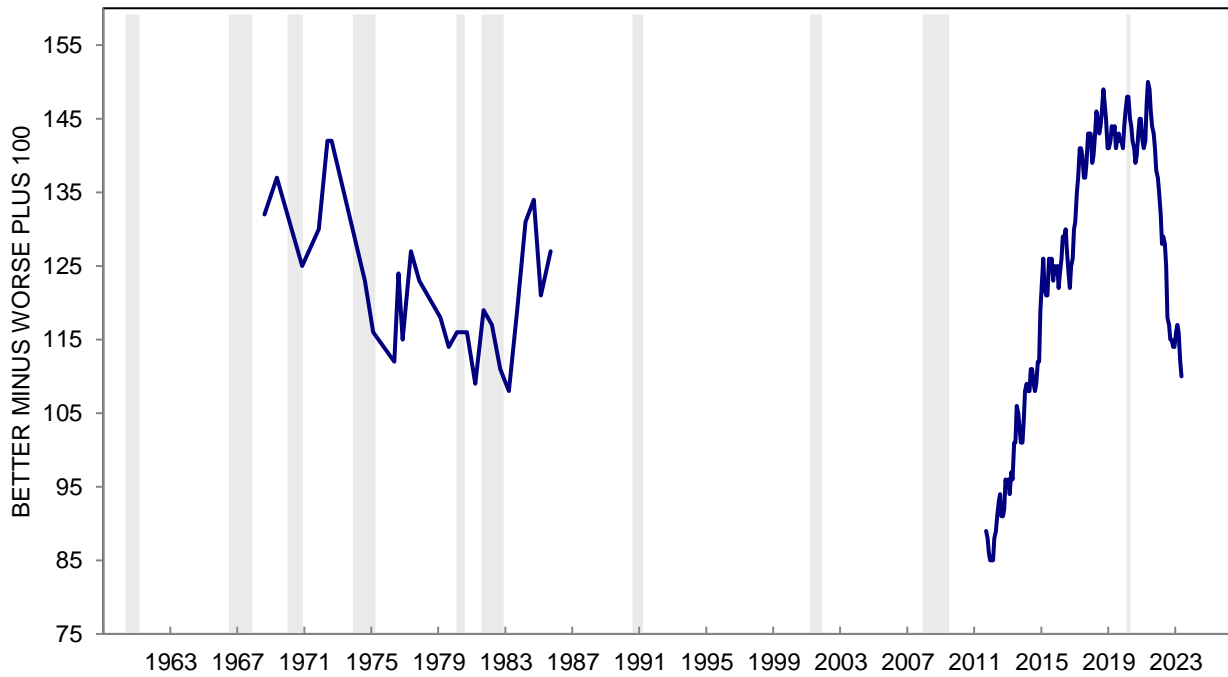


TABLE 11

EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
BETTER OFF	52%	47%	50%	49%	47%	51%	55%	49%	52%	53%	48%	47%	51%
SAME	28	28	28	30	29	28	26	29	31	28	32	31	27
WORSE OFF	15	19	16	15	18	16	14	17	14	15	16	16	17
DK, NA	5	6	6	6	6	5	5	5	3	4	4	6	5
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	137	128	134	134	129	135	141	132	138	138	132	131	134

**EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	134	133	133	132	132	133	135	136	137	136	136	134	132
Age 18 to 44	166	165	161	157	158	160	162	161	164	164	166	161	162
Age 45 to 64	126	122	124	125	128	128	128	130	131	134	131	130	124
Age 65+	98	104	106	105	100	99	104	108	105	100	97	98	99
Income Bottom Third	130	134	128	124	125	129	134	134	132	128	129	128	128
Income Middle Third	136	134	132	131	133	133	136	135	134	132	132	132	132
Income Top Third	138	135	141	142	141	138	138	143	148	150	148	143	138
Educ High School or Less	119	123	123	124	123	125	124	124	122	127	125	121	118
Educ Some College	137	137	130	127	127	127	131	129	133	131	133	132	130
Educ College Degree	139	136	139	139	139	140	143	146	145	143	142	140	139
Democrat	145	139	142	142	144	141	143	145	145	145	144	145	143
Independent	134	138	138	133	132	134	137	138	139	139	138	131	128
Republican	122	119	117	119	122	123	125	124	125	122	122	124	125

The question was: "And 5 years from now, do you expect that you (and your family living there) will be better off financially, worse off, or just about the same as now?"

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 11: EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS

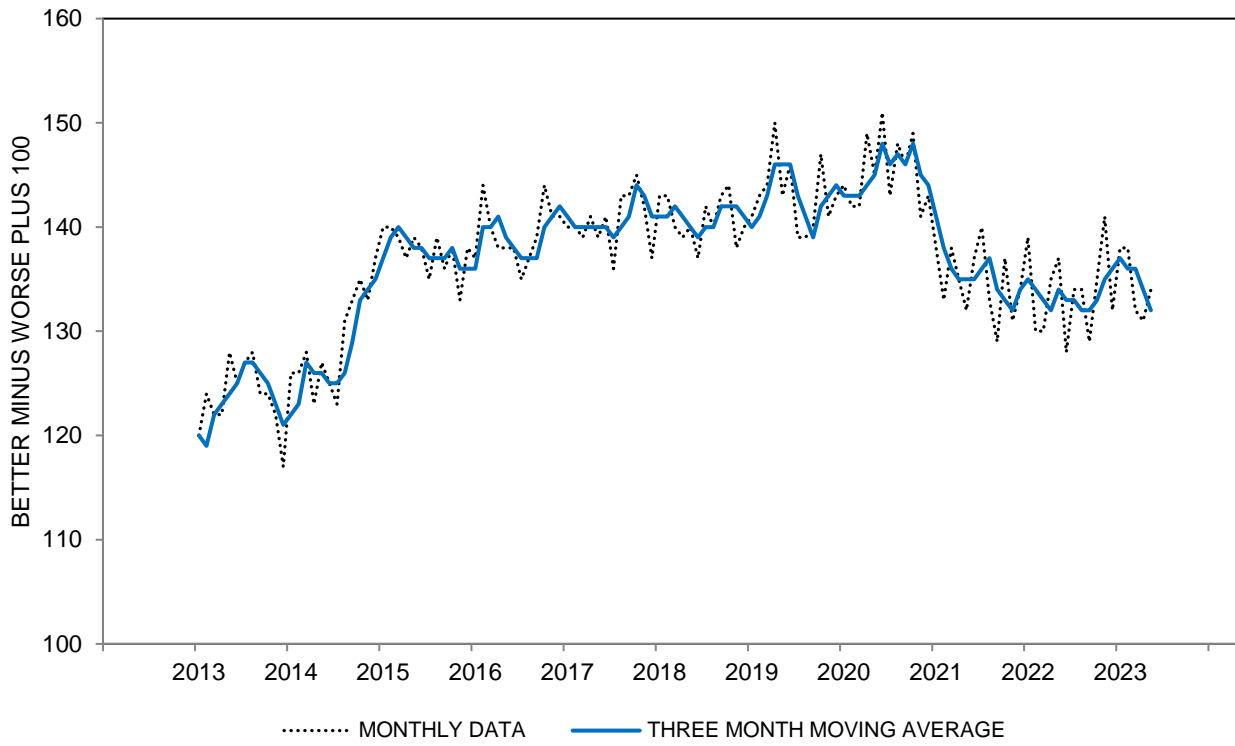


CHART 11: EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS

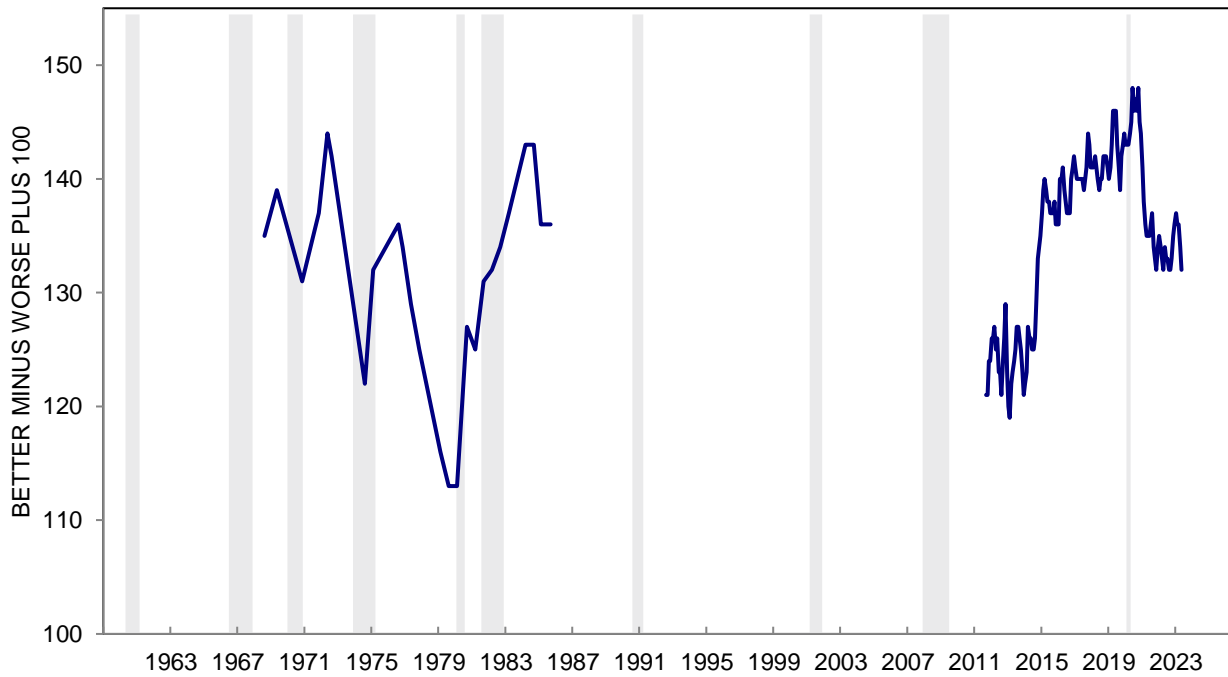


TABLE 12

FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
Personal Financial Progress													
Continuous increase (a)	35%	31%	33%	32%	29%	32%	33%	31%	34%	34%	30%	30%	33%
Intermittent increase (b)	18	16	16	19	19	16	17	17	19	18	17	17	14
Remain unchanged (c)	4	5	6	4	5	4	3	5	6	4	5	4	4
Intermittent decline (d)	11	11	9	12	10	12	9	10	11	12	14	13	13
Continuous decline (e)	7	11	12	9	11	10	8	11	9	8	10	11	10
Mixed change (f)	20	20	17	17	19	20	24	20	17	21	19	18	20
DK, NA	5	6	7	7	7	6	6	6	4	3	5	7	6
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	135	125	128	130	127	126	133	127	133	132	123	123	124

**FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	136	133	129	128	128	128	129	129	131	131	129	126	123
Age 18 to 44	166	163	156	151	152	153	154	154	156	156	157	154	155
Age 45 to 64	127	123	120	121	124	121	121	119	122	125	121	118	110
Age 65+	102	105	103	104	100	99	100	103	104	102	99	96	94
Income Bottom Third	120	122	114	111	111	113	117	115	113	110	111	110	111
Income Middle Third	136	132	126	129	130	130	127	126	127	126	125	124	120
Income Top Third	154	148	149	145	145	142	144	147	153	157	154	145	140
Educ High School or Less	116	113	107	108	110	113	110	108	106	111	108	107	104
Educ Some College	134	132	123	119	119	117	121	121	126	122	122	121	117
Educ College Degree	145	143	142	143	142	140	140	141	144	144	144	139	136
Democrat	152	147	147	149	153	150	149	146	147	146	148	146	144
Independent	131	135	134	131	128	125	127	131	134	135	130	123	117
Republican	125	115	105	102	106	108	108	105	105	105	105	107	109

Combination of the responses to the questions on Tables 10 and 11.

Key: (a) Better off financially than 5 years ago/Better off 5 years from now

(b) Better/Same or Same/Better

(c) Same/Same

(d) Worse/Same or Same/Worse

(e) Worse/Worse

(f) Worse/Better or Better/Worse

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 12: FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

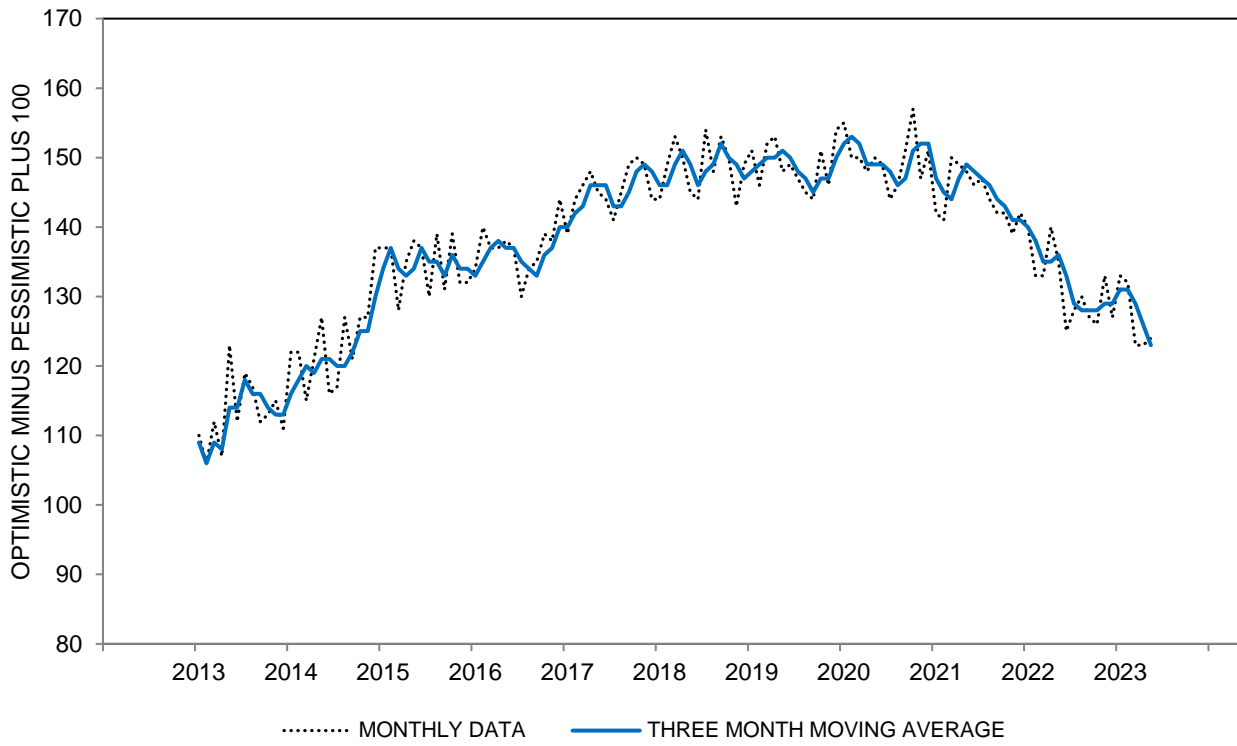


CHART 12: FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

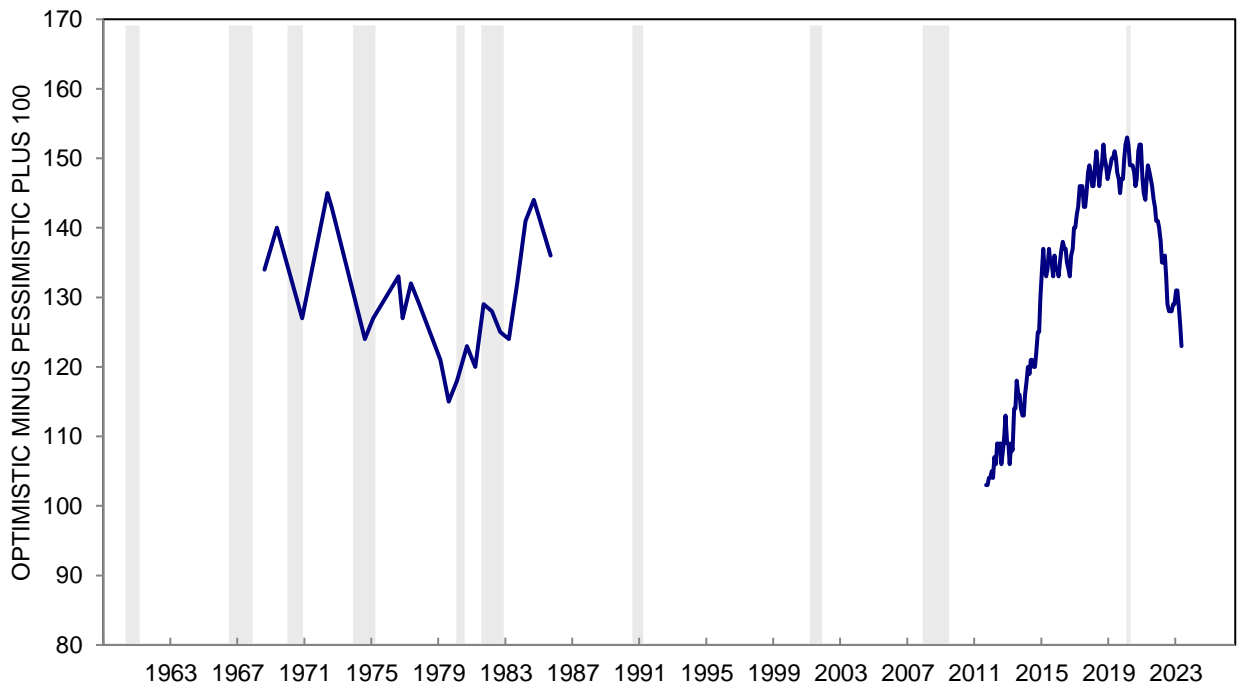


TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
EXPECT INCREASE:													
1-2%	9%	8%	8%	12%	12%	9%	10%	8%	11%	13%	10%	7%	9%
3-4%	12	10	12	14	9	10	14	12	13	13	11	13	13
5%	9	9	8	9	10	8	10	10	9	9	9	9	9
6-9%	4	5	4	5	3	6	7	10	6	5	3	4	6
10-24%	12	12	12	12	15	14	13	10	14	14	12	12	14
25% or more	7	6	6	7	6	8	6	7	7	7	7	7	6
DK how much up	2	1	3	2	1	1	1	1	2	1	2	2	1
EXPECT SAME	29	29	26	22	26	26	23	26	23	23	27	27	25
EXPECT DOWN	16	19	21	17	17	17	15	16	14	15	17	18	16
DK, NA	*	1	*	*	1	1	1	*	1	*	2	1	1
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cases	601	602	601	602	601	600	602	600	600	602	603	601	605
MEDIAN	1.8	1.1	1.1	2.3	1.7	1.9	2.5	2.5	2.5	2.4	1.5	1.7	2.3

**EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR - MEDIAN
THREE MONTH MOVING AVERAGES**

All	2.0	1.8	1.3	1.5	1.7	2.0	2.0	2.3	2.5	2.5	2.1	1.9	1.8
Age 18 to 44	4.5	4.9	4.6	4.3	3.9	3.8	3.6	3.6	3.7	3.7	3.8	3.7	4.1
Age 45 to 64	1.5	1.1	0.5	0.9	1.4	1.8	1.7	1.9	2.1	2.3	1.8	1.4	1.2
Age 65+	0.2	0.2	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.2	0.2
Income Bottom Third	1.2	1.2	0.6	1.0	1.2	1.9	1.9	2.1	1.5	1.3	0.6	0.5	0.5
Income Middle Third	2.2	2.1	1.7	1.6	1.6	1.6	1.6	2.0	2.3	2.4	2.0	2.0	1.9
Income Top Third	2.7	2.7	2.6	2.7	2.7	2.5	2.5	2.5	3.2	3.3	3.1	2.6	2.6
Educ High School or Less	1.0	1.1	0.6	0.9	0.9	1.0	0.6	1.1	1.1	1.4	0.9	0.8	0.8
Educ Some College	1.4	1.3	0.6	1.0	1.0	1.7	1.8	2.4	2.5	2.2	1.7	1.6	1.4
Educ College Degree	2.5	2.4	2.3	2.3	2.5	2.6	2.7	2.8	2.9	2.9	2.8	2.5	2.4
Democrat	2.6	3.0	3.1	3.0	2.9	2.8	3.0	2.8	2.7	2.7	2.5	2.6	2.6
Independent	2.0	1.5	1.0	1.3	1.8	1.9	2.1	2.4	2.8	2.6	2.3	1.6	1.6
Republican	0.5	0.5	0.4	1.0	1.0	1.1	0.7	0.8	0.9	1.2	1.1	1.0	0.9

The questions were: "During the next 12 months, do you expect your (family) income to be higher or lower than during the past year?" and "By about what percent do you expect your (family) income to increase/decrease during the next 12 months?"

*: Less than half of one percent.

CHART 13: EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

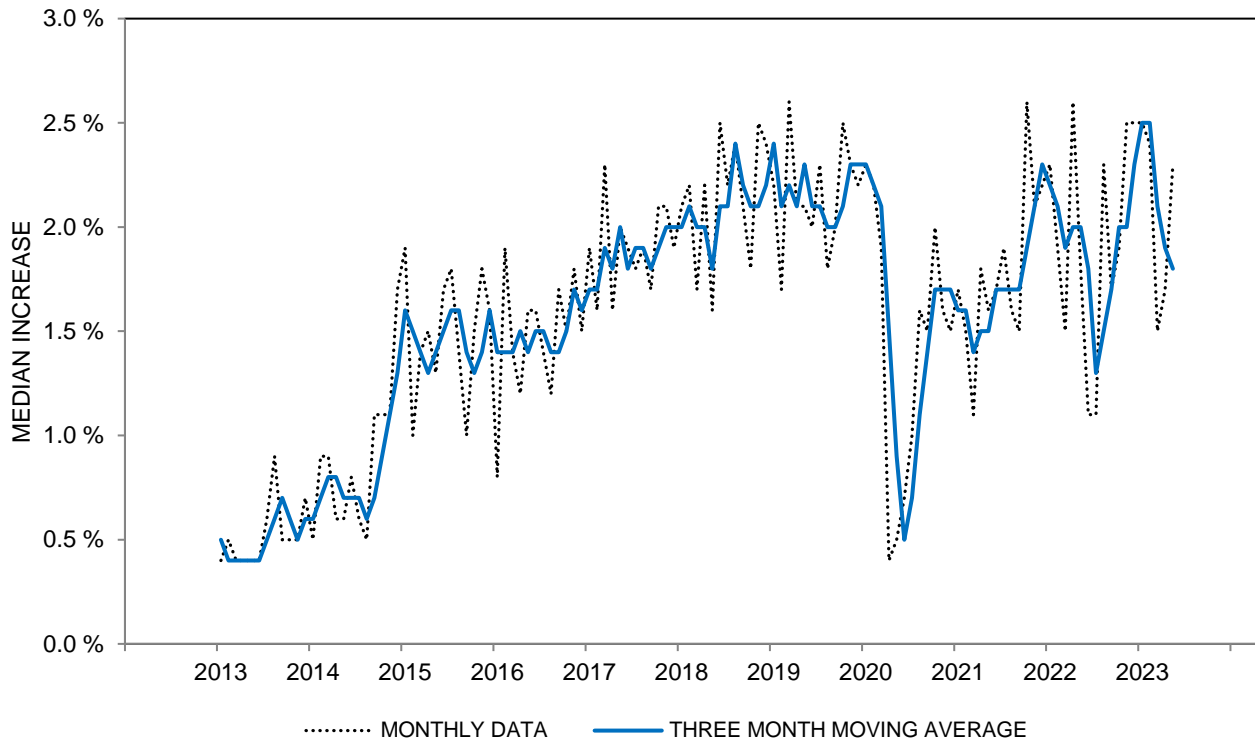


CHART 13: EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

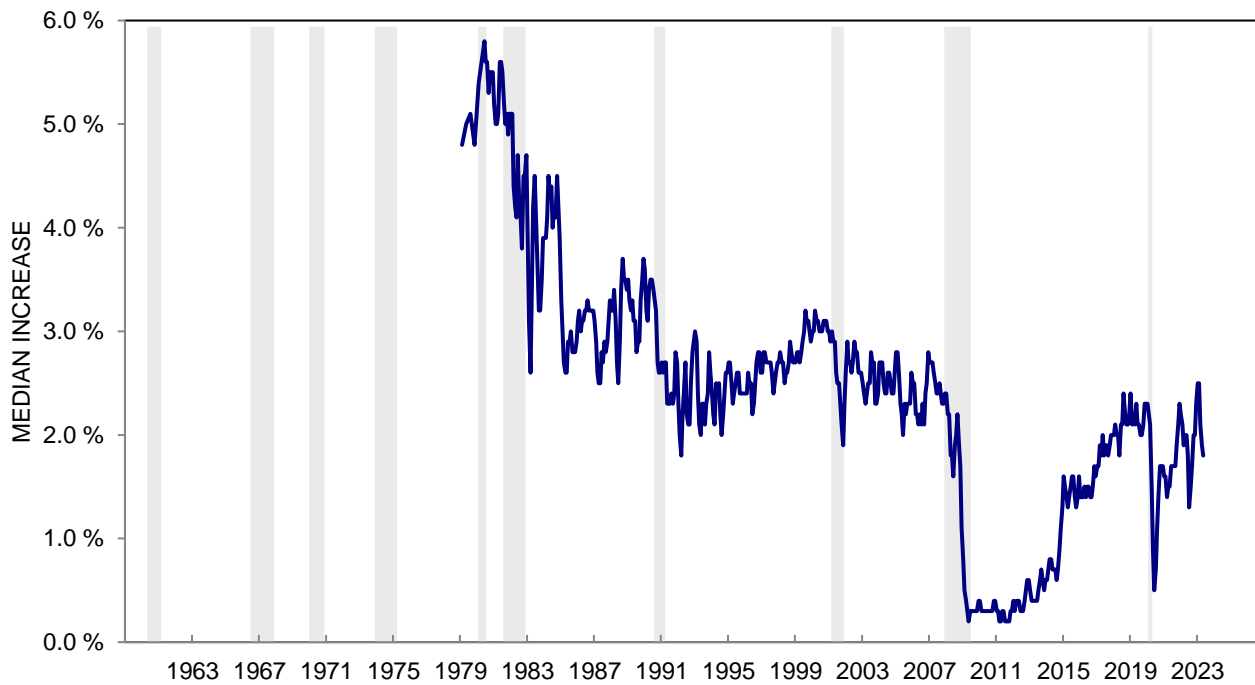


TABLE 14

EXPECTED CHANGE IN REAL HOUSEHOLD INCOME DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
INCOME UP MORE	15%	13%	17%	18%	16%	17%	15%	16%	17%	16%	16%	18%	16%
INCOME UP SAME	34	32	32	31	34	33	32	35	38	35	34	33	34
PRICES UP MORE	49	53	50	48	48	49	52	48	44	48	49	47	49
DK, NA	2	2	1	3	2	1	1	1	1	1	1	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	66	60	67	70	68	68	63	68	73	68	67	71	67

**EXPECTED CHANGE IN REAL HOUSEHOLD INCOME DURING THE NEXT YEAR - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	67	66	64	66	68	69	66	66	68	70	69	69	68
Age 18 to 44	87	85	80	82	85	87	84	81	83	83	87	86	88
Age 45 to 64	58	57	58	59	64	65	61	60	61	66	63	62	60
Age 65+	48	50	51	52	50	47	47	51	56	55	53	51	49
Income Bottom Third	59	60	58	58	62	67	65	64	62	61	59	59	60
Income Middle Third	70	68	61	61	64	64	62	59	61	61	63	62	63
Income Top Third	71	70	71	75	78	75	72	75	80	86	85	83	81
Educ High School or Less	57	58	61	60	68	65	61	56	56	62	64	68	65
Educ Some College	56	58	53	58	62	65	64	64	65	58	56	58	64
Educ College Degree	75	73	71	71	72	73	71	72	74	79	79	74	72
Democrat	85	84	80	80	84	87	86	83	83	83	81	82	84
Independent	62	64	65	66	67	66	65	65	68	70	67	64	64
Republican	50	47	46	48	53	53	49	49	51	54	57	58	56

The question was: "During the next year or two -- do you expect that your (family) income will go up more than prices will go up, about the same, or less than prices will go up?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 14: EXPECTED CHANGE IN REAL INCOME DURING THE NEXT YEAR

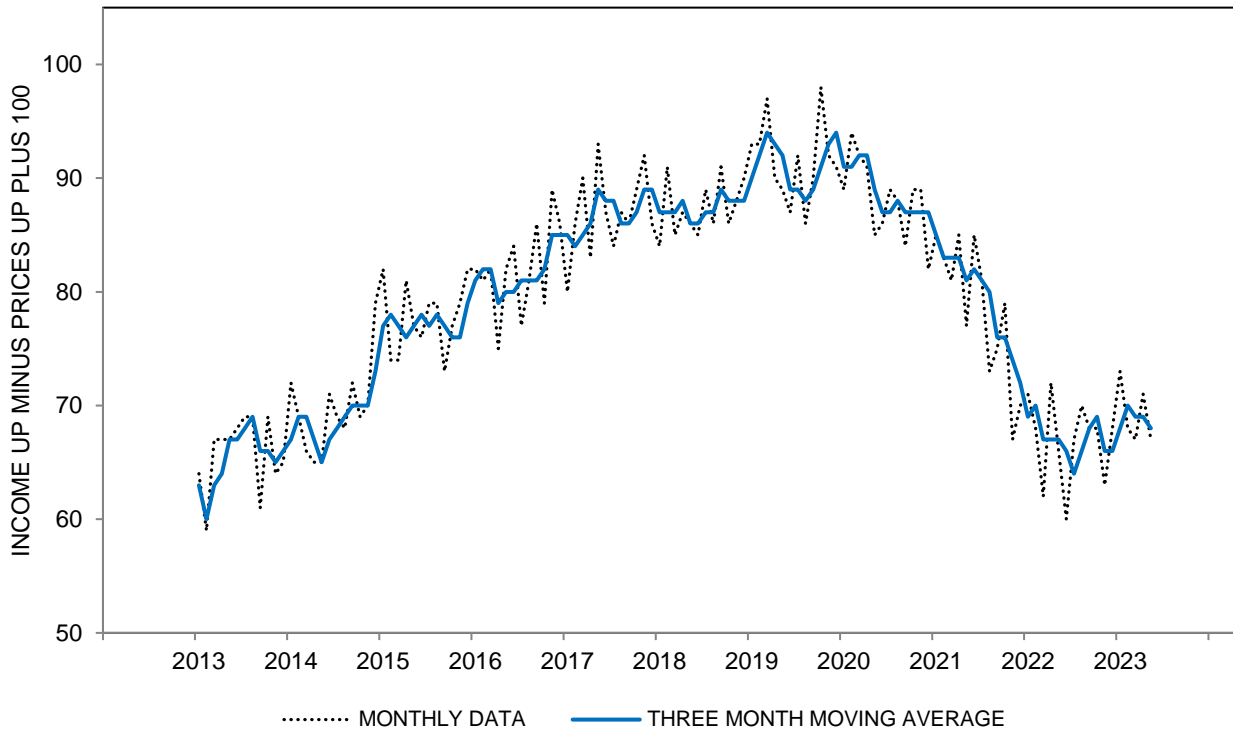


CHART 14: EXPECTED CHANGE IN REAL INCOME DURING THE NEXT YEAR

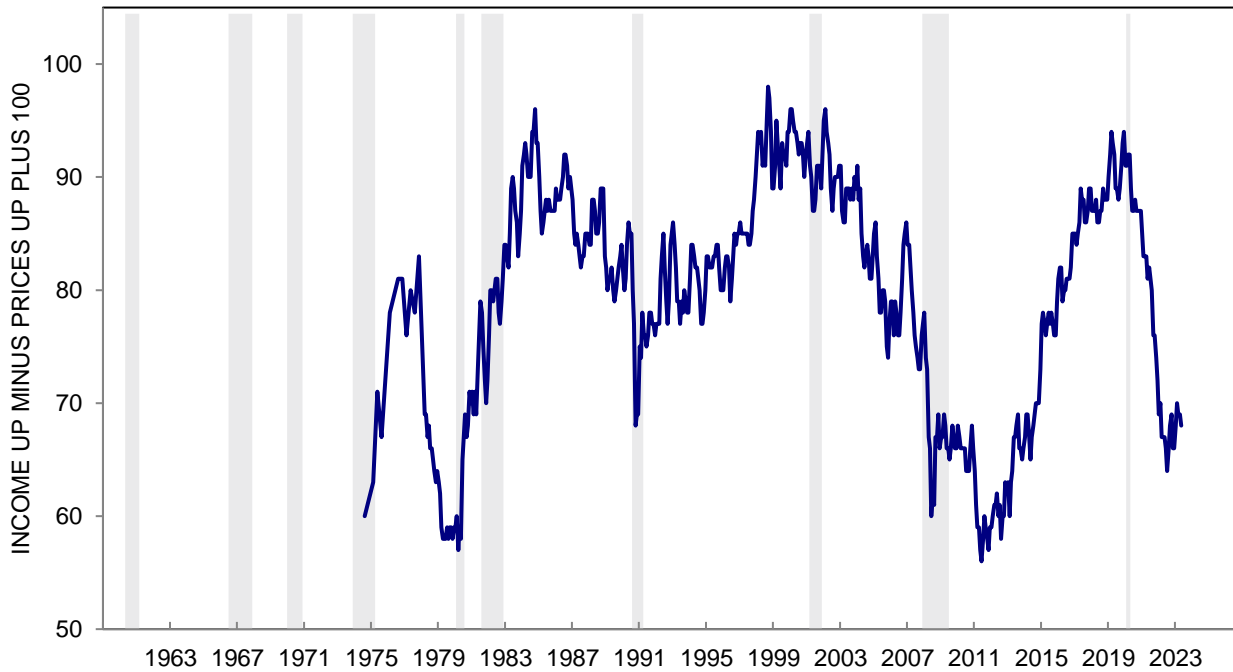


TABLE 15

PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
0%	18%	22%	20%	16%	19%	15%	13%	14%	15%	15%	16%	17%	18%
1 - 24%	14	16	19	18	17	21	16	13	15	17	18	18	17
25 - 49%	8	7	7	5	9	5	8	7	7	9	7	7	6
50%	13	10	12	9	11	13	12	14	15	12	14	11	11
51 - 74%	8	9	8	9	7	8	7	10	10	7	7	8	6
75 - 99%	20	18	18	22	18	17	21	20	21	21	19	20	20
100%	17	15	14	18	18	18	21	20	16	17	16	17	19
DK, NA	2	3	2	3	1	3	2	2	1	2	3	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
MEAN	51	46	45	52	48	49	54	56	52	51	49	50	50

**PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE NEXT YEAR - MEAN
THREE MONTH MOVING AVERAGES**

All	52	51	48	48	49	50	51	53	54	53	51	50	50
Age 18 to 44	66	66	62	60	61	62	65	65	66	63	62	63	65
Age 45 to 64	51	48	45	46	48	48	47	49	49	50	49	50	48
Age 65+	33	32	30	31	31	33	34	40	43	42	36	32	30
Income Bottom Third	45	44	42	42	43	46	48	50	49	46	44	43	44
Income Middle Third	54	54	50	50	50	51	50	53	54	53	50	51	51
Income Top Third	59	56	52	53	55	55	55	58	61	62	60	58	56
Educ High School or Less	42	42	40	40	41	42	42	46	47	46	43	41	42
Educ Some College	46	48	45	46	45	48	48	51	53	52	50	49	48
Educ College Degree	59	56	52	52	54	56	57	58	58	57	56	56	55
Democrat	56	57	55	57	56	55	55	58	59	57	55	55	55
Independent	53	52	48	48	49	51	53	55	56	55	52	50	49
Republican	46	44	39	39	41	44	44	46	46	45	44	46	46

The question was:

"What do you think is the percent chance that your income in the next twelve months will be higher than your income in the past twelve months?"

CHART 15: PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD

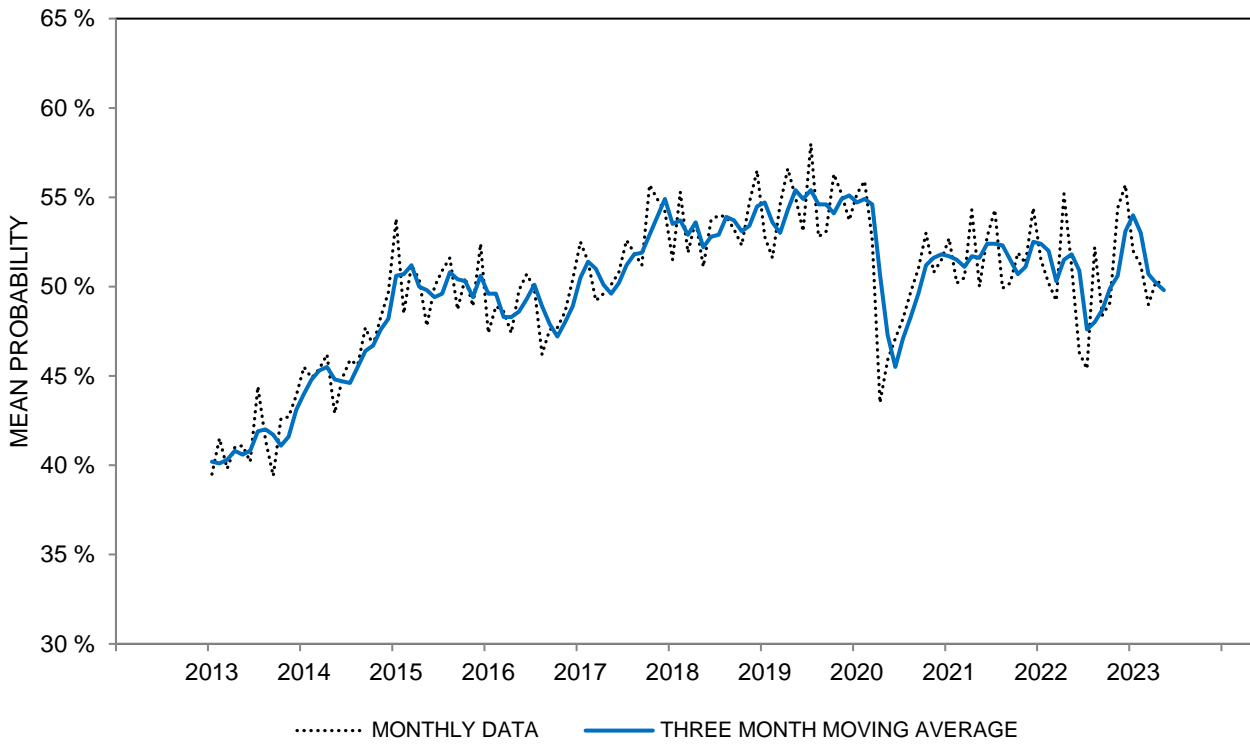


CHART 15: PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD

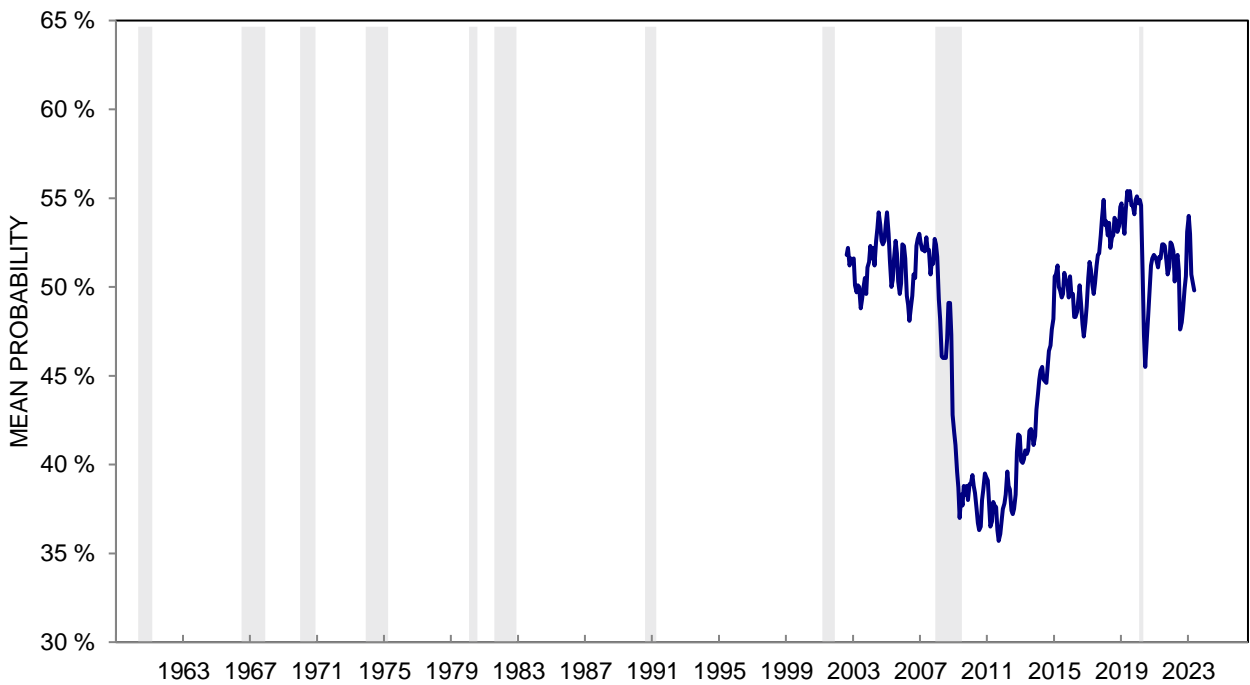


TABLE 16

PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
0%	20%	21%	20%	19%	23%	19%	18%	16%	18%	15%	19%	19%	17%
1 - 24%	29	32	29	28	27	30	31	29	27	29	27	28	30
25 - 49%	13	13	14	12	11	13	12	14	11	15	14	11	12
50%	12	14	12	15	14	14	16	16	16	14	15	14	16
51 - 74%	9	5	7	8	8	7	6	7	9	6	7	8	7
75 - 99%	12	10	13	11	11	9	12	11	13	14	10	13	10
100%	3	4	3	5	5	6	4	5	5	6	6	6	6
DK, NA	2	1	2	2	1	2	1	2	1	1	2	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
MEAN	33	32	34	35	34	34	35	35	37	37	35	37	36

**PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS - MEAN
THREE MONTH MOVING AVERAGES**

All	35	34	33	33	34	34	34	35	36	37	36	36	36
Age 18 to 44	48	47	44	44	45	46	45	45	47	46	47	46	47
Age 45 to 64	30	30	28	30	32	33	32	32	32	34	34	35	35
Age 65+	23	23	23	22	21	20	20	22	24	25	25	24	21
Income Bottom Third	32	30	27	28	29	32	33	33	32	32	32	32	32
Income Middle Third	35	34	33	33	33	31	31	31	32	31	32	33	33
Income Top Third	40	39	39	39	41	41	40	41	43	47	46	45	43
Educ High School or Less	30	29	28	28	29	30	30	30	30	31	32	33	31
Educ Some College	31	32	28	29	29	30	31	31	33	31	31	32	33
Educ College Degree	39	38	37	38	40	39	38	38	40	41	41	41	40
Democrat	42	40	39	40	41	42	41	40	40	41	42	43	42
Independent	35	34	34	35	35	34	34	35	37	37	36	34	34
Republican	28	27	24	25	27	28	29	28	28	30	31	34	34

The question was: "What do you think the chances are that your (family) income will increase by more than the rate of inflation during the next five years or so?"

CHART 16: PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

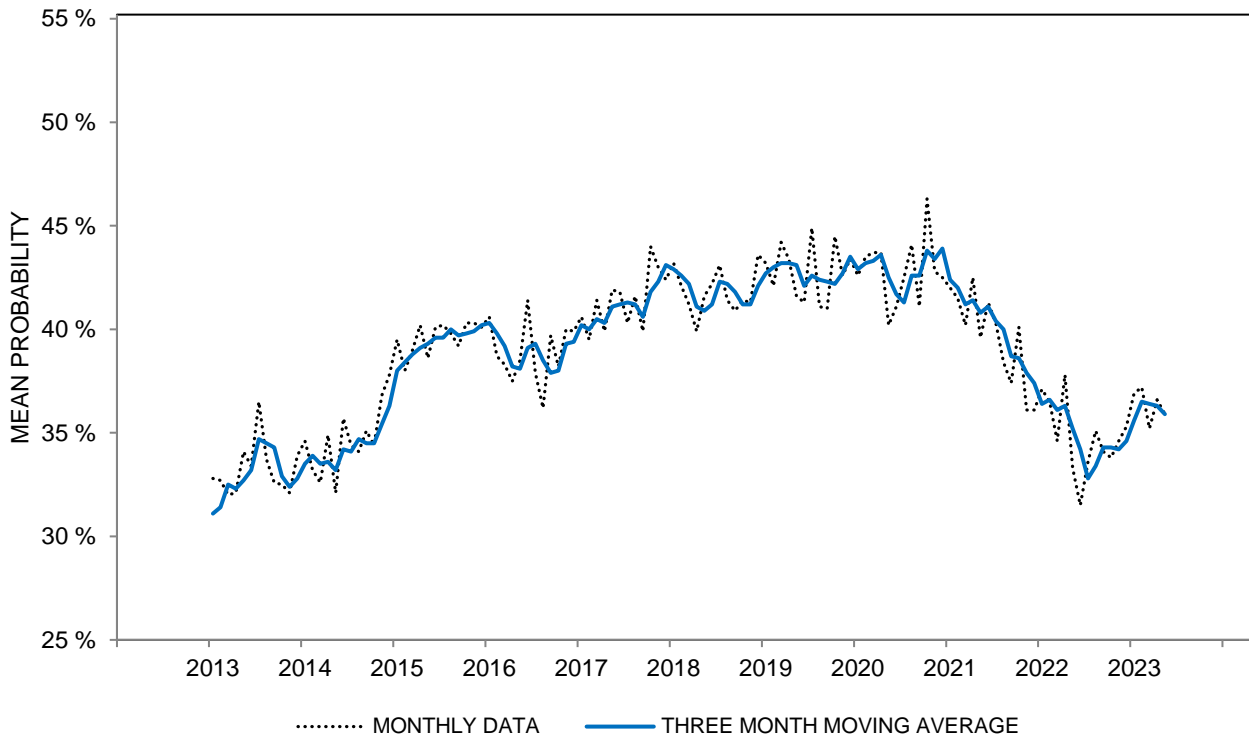


CHART 16: PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

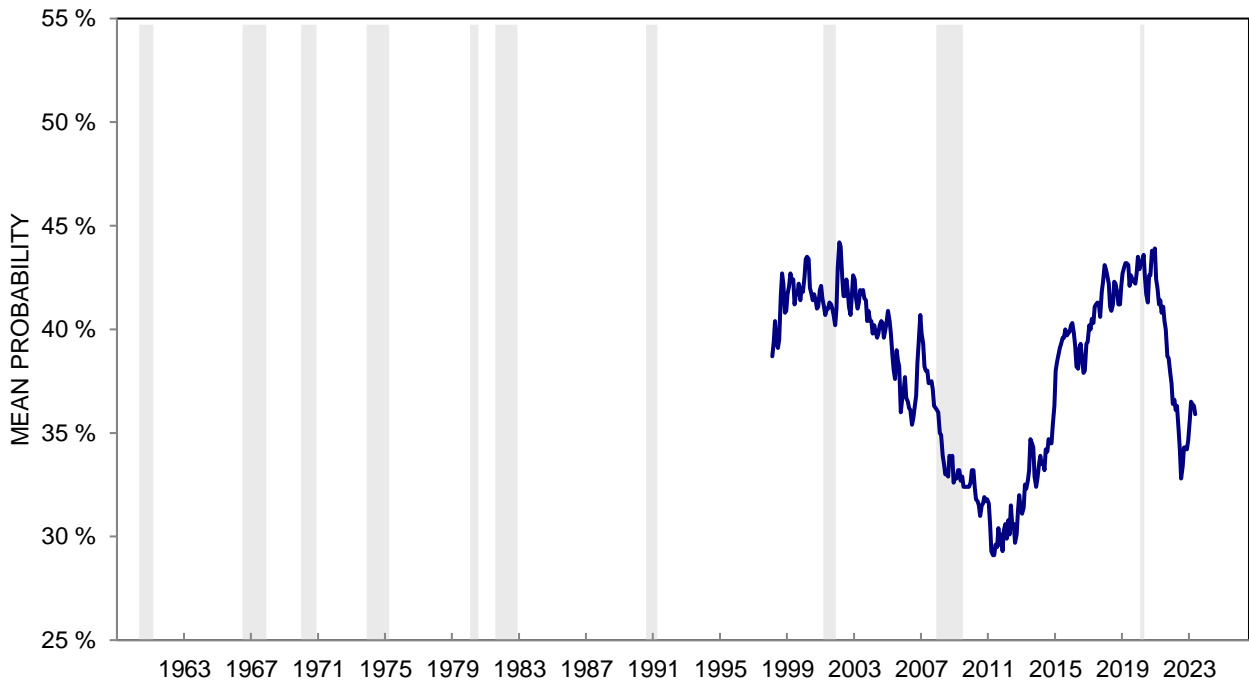


TABLE 17

PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
0%	44%	44%	47%	42%	46%	44%	41%	43%	46%	43%	44%	42%	42%
1 - 24%	31	29	26	31	26	27	31	28	27	28	28	27	29
25 - 49%	11	11	10	8	8	9	10	10	9	11	9	9	11
50%	7	9	9	11	11	11	10	10	10	10	11	11	9
51 - 74%	2	2	2	2	3	2	2	2	2	2	2	3	3
75 - 99%	2	2	3	3	3	4	4	3	4	3	3	5	4
100%	1	2	2	1	2	2	1	3	1	2	2	2	1
DK, NA	2	1	1	2	1	1	1	1	1	1	1	1	1
TOTAL CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
MEAN	15	16	17	17	18	19	18	18	17	18	18	20	18

**PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS - MEAN
THREE MONTH MOVING AVERAGES**

All	15	16	16	17	17	18	18	18	18	18	18	19	19
Age 18 to 44	20	21	22	24	24	25	25	26	26	26	25	25	24
Age 45 to 64	17	17	17	18	18	19	20	20	19	18	18	20	21
Age 65+	6	6	5	6	6	7	6	5	5	5	6	7	8
Income Bottom Third	16	17	17	18	20	21	21	22	21	20	19	19	21
Income Middle Third	14	15	15	16	16	17	18	18	17	17	17	17	17
Income Top Third	16	16	16	17	17	17	16	16	16	17	17	19	19
Educ High School or Less	18	19	19	19	20	21	24	24	23	21	21	22	22
Educ Some College	18	18	16	16	17	18	18	17	17	17	18	19	21
Educ College Degree	13	13	15	16	16	16	15	16	16	17	16	17	16
Democrat	14	14	16	17	16	16	15	16	17	18	18	18	17
Independent	17	18	17	18	20	21	22	21	20	20	19	20	20
Republican	14	14	14	15	15	15	15	16	15	15	16	18	18

The question was:

"During the next 5 years, what do you think the chances are that you (or your husband/wife) will lose a job you wanted to keep?"

CHART 17: PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

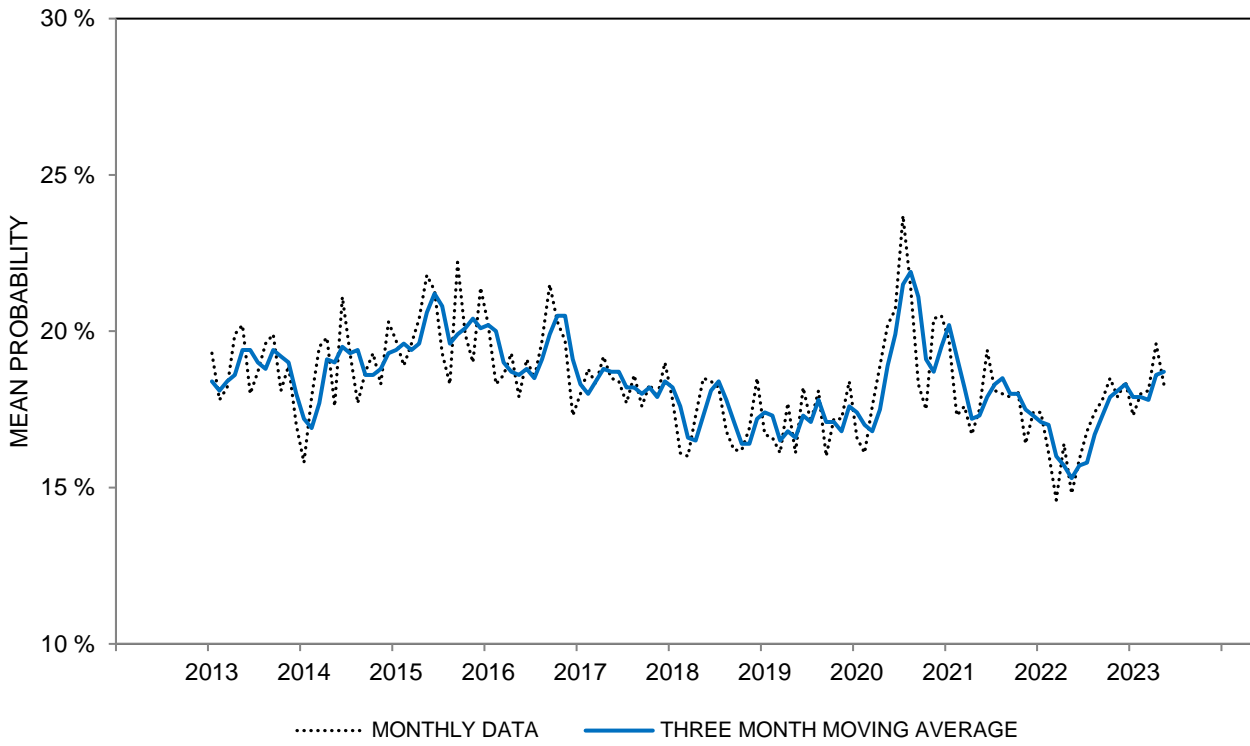


CHART 17: PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

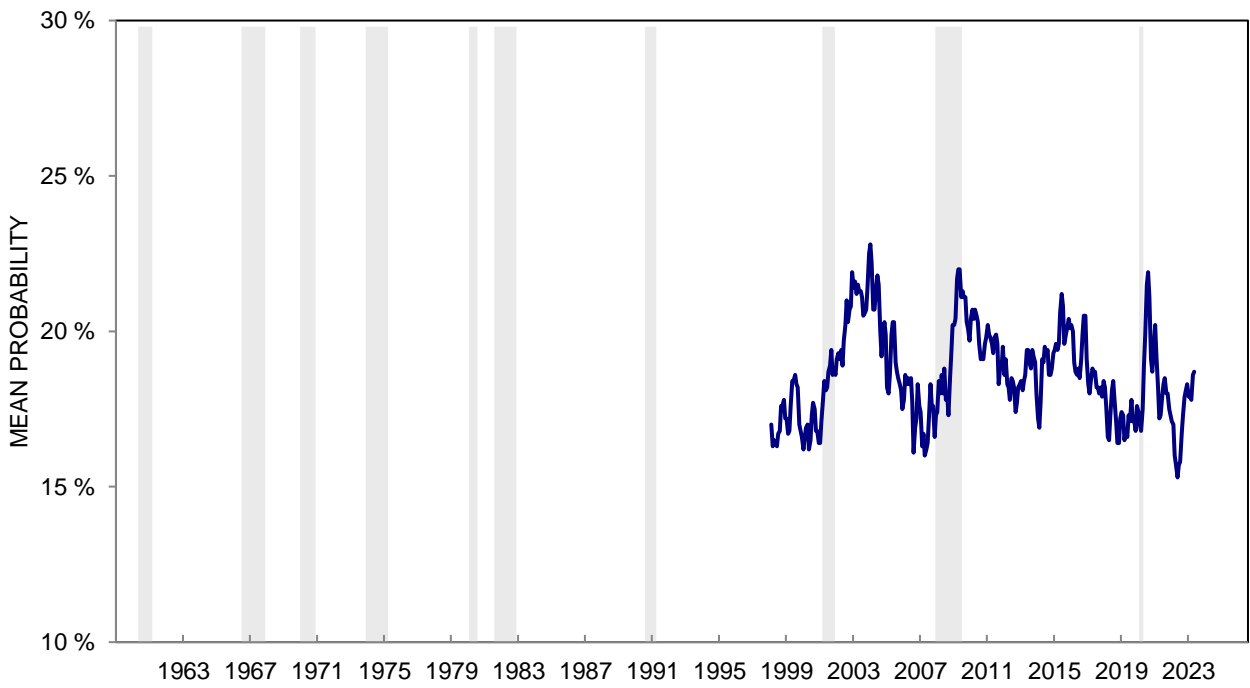


TABLE 18

**PROBABILITY THAT SOCIAL SECURITY AND PENSIONS
WILL PROVIDE ADEQUATE RETIREMENT INCOME**

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
0%	20%	21%	19%	23%	22%	20%	18%	19%	22%	19%	19%	18%	24%
1 - 24%	22	24	23	23	25	20	24	22	18	23	23	20	22
25 - 49%	9	11	12	11	13	14	13	12	15	12	15	15	11
50%	14	16	17	15	13	14	17	16	13	16	14	13	13
51 - 74%	9	6	6	9	6	9	7	9	7	7	6	9	7
75 - 99%	17	14	14	13	15	15	13	17	16	16	14	16	15
100%	7	6	7	4	6	5	7	4	7	5	7	7	6
DK, NA	2	2	2	2	*	3	1	1	2	2	2	2	2
TOTAL CASES	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	601	602	601	602	601	600	602	600	600	602	603	601	605
MEAN	40	36	38	35	37	39	39	39	39	38	38	40	36

**PROBABILITY THAT SOCIAL SECURITY AND PENSIONS
WILL PROVIDE ADEQUATE RETIREMENT INCOME - MEAN
THREE MONTH MOVING AVERAGES**

All	40	39	38	37	37	37	38	39	39	39	38	39	38
Age 18 to 44	36	35	34	33	35	36	36	36	34	34	34	35	34
Age 45 to 64	39	39	37	37	35	36	36	38	38	38	36	37	37
Age 65+	46	45	46	42	41	39	43	45	47	47	47	46	46
Income Bottom Third	34	34	32	31	32	33	33	34	33	34	33	36	34
Income Middle Third	40	38	38	36	37	37	38	39	40	38	37	36	37
Income Top Third	45	45	44	43	42	40	42	43	44	44	45	45	44
Educ High School or Less	33	32	32	32	35	35	36	34	34	35	36	37	34
Educ Some College	35	34	32	30	30	30	32	34	34	34	33	35	34
Educ College Degree	44	44	44	42	42	42	43	43	44	43	42	42	43
Democrat	45	47	46	42	41	43	46	46	44	43	42	43	43
Independent	38	37	36	36	36	35	35	36	36	37	37	37	36
Republican	37	34	34	32	34	34	36	36	37	36	36	36	36

The question was: "What do you think the chances are that when you retire, your income from Social Security and job pensions will be adequate to maintain your living standards?"

CHART 18: PROBABILITY THAT SOCIAL SECURITY AND PENSIONS WILL PROVIDE ADEQUATE RETIREMENT INCOME

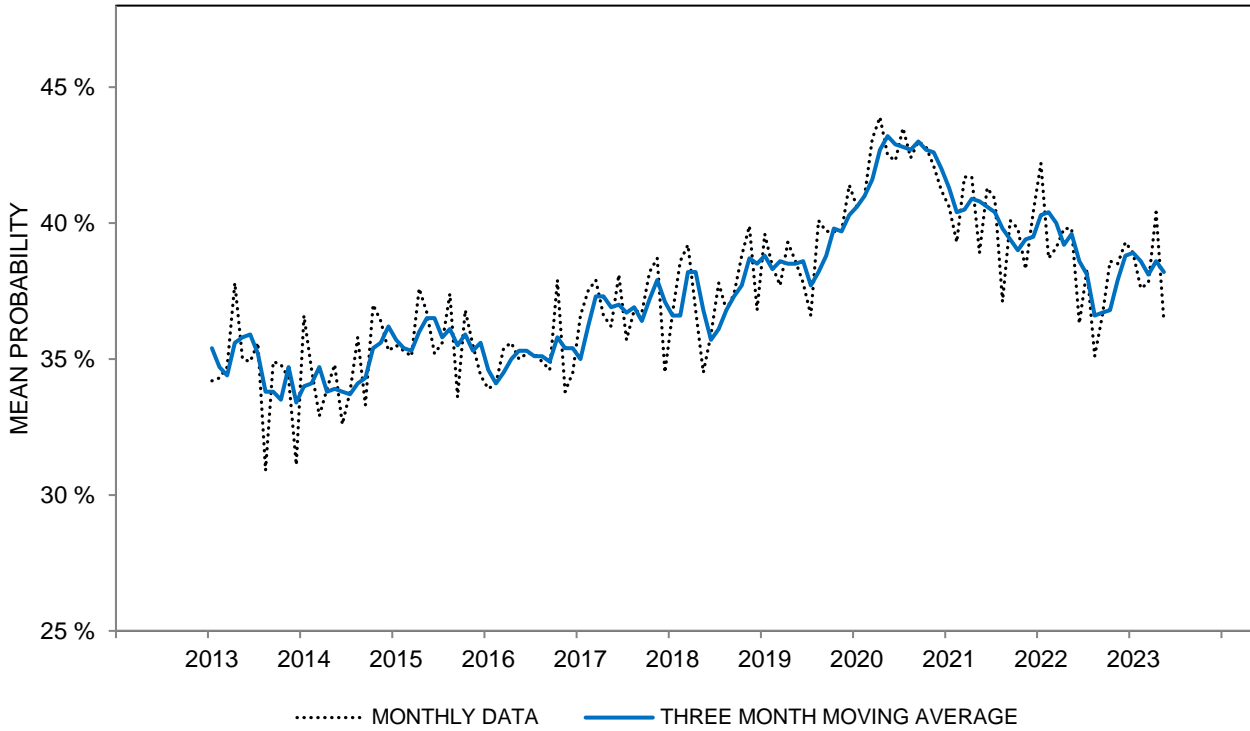


CHART 18: PROBABILITY THAT SOCIAL SECURITY AND PENSIONS WILL PROVIDE ADEQUATE RETIREMENT INCOME

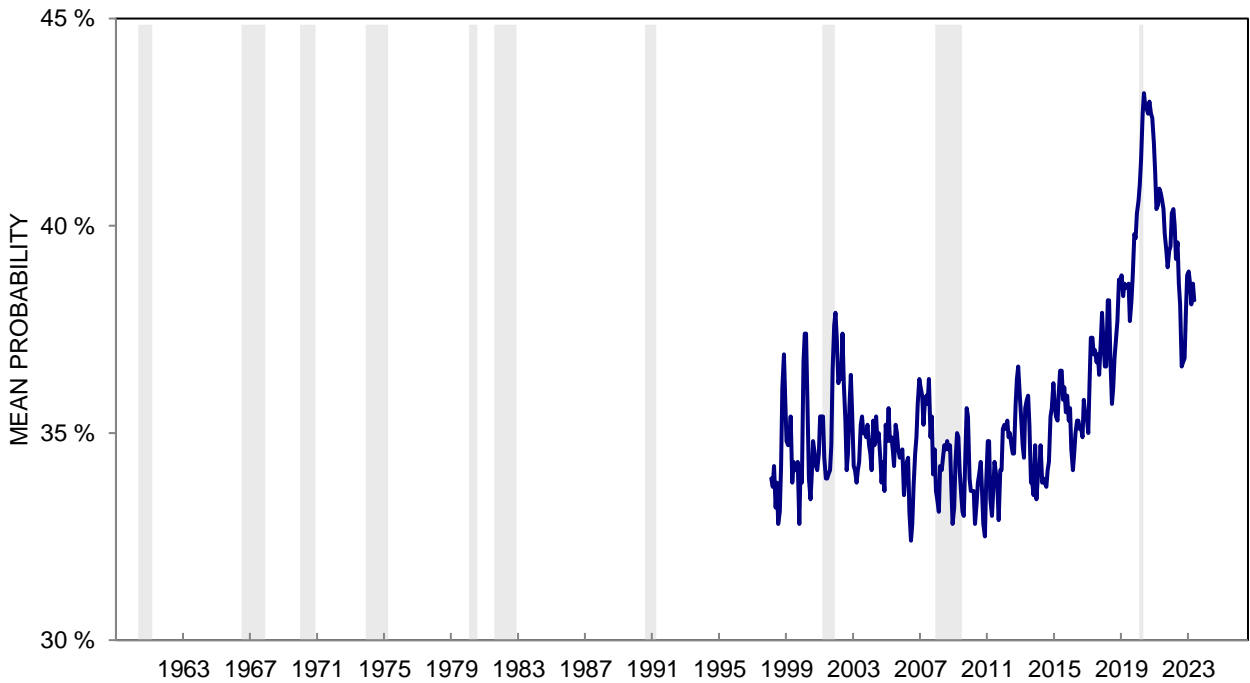


TABLE 19

CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT COMPARED WITH 5 YEARS AGO

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GONE UP	25%	20%	20%	19%	18%	20%	19%	18%	19%	21%	21%	18%	19%
STAY THE SAME	40	39	40	40	46	45	39	45	46	43	41	43	43
GONE DOWN	34	40	39	39	35	33	41	35	34	35	37	36	36
DK, NA	1	1	1	2	1	2	1	2	1	1	1	3	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	91	80	81	80	83	87	78	83	85	86	84	82	83

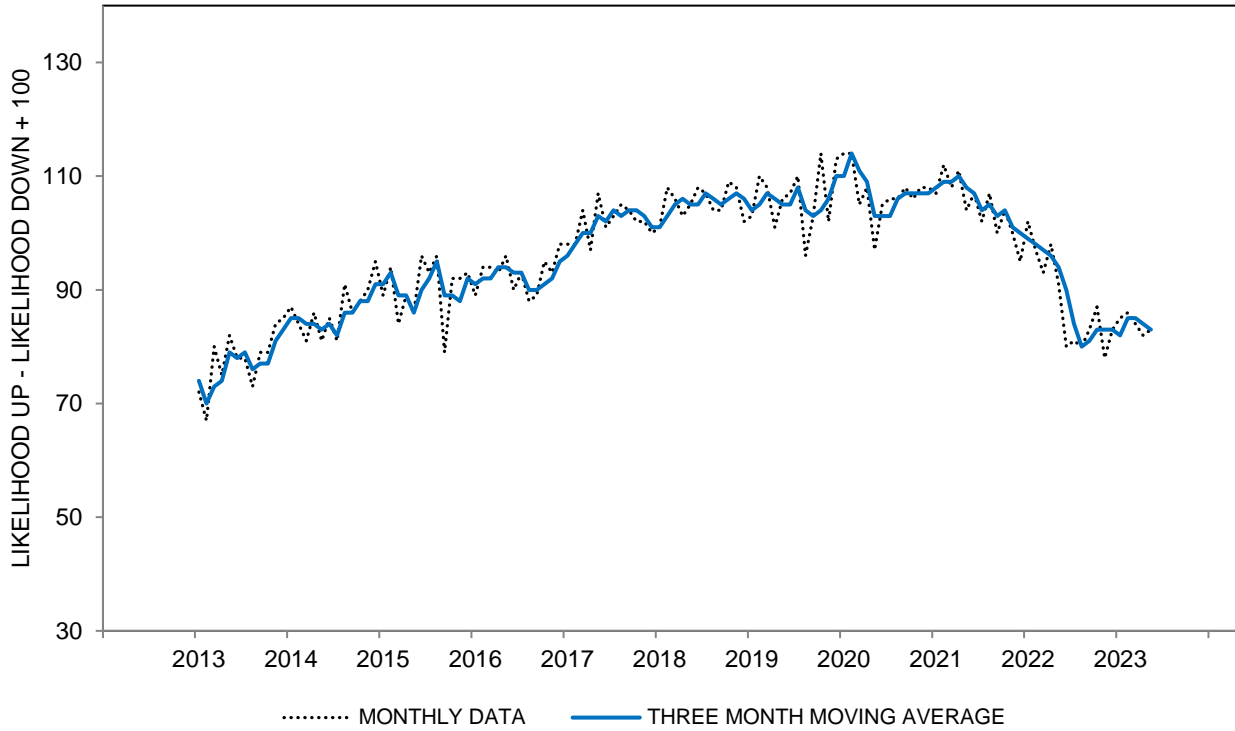
**CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT COMPARED WITH 5 YEARS AGO - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	94	90	84	80	81	83	83	83	82	85	85	84	83
Age 18 to 44	102	98	91	86	86	89	87	85	84	89	91	89	88
Age 45 to 64	89	81	74	72	75	76	75	74	75	78	76	76	76
Age 65+	90	89	86	83	84	85	86	88	88	89	90	87	84
Income Bottom Third	79	78	73	68	71	77	78	77	74	81	80	79	74
Income Middle Third	90	85	80	77	77	77	76	75	73	74	75	77	75
Income Top Third	113	106	98	94	94	95	94	96	99	101	102	97	98
Educ High School or Less	91	89	84	77	76	76	74	74	75	81	79	76	75
Educ Some College	76	70	69	69	73	78	77	76	69	72	71	76	71
Educ College Degree	103	99	91	87	89	90	90	91	92	93	96	94	95
Democrat	108	106	102	100	98	100	101	104	99	99	99	98	97
Independent	89	86	81	78	80	81	80	79	80	85	83	80	78
Republican	86	76	68	63	66	68	68	67	68	68	73	74	74

The question was: "Compared with 5 years ago, do you think the chances that you (and your husband/wife) will have a comfortable retirement have gone up, gone down, or remained about the same?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

**CHART 19: CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT
COMPARED WITH 5 YEARS AGO**



**CHART 19: CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT
COMPARED WITH 5 YEARS AGO**

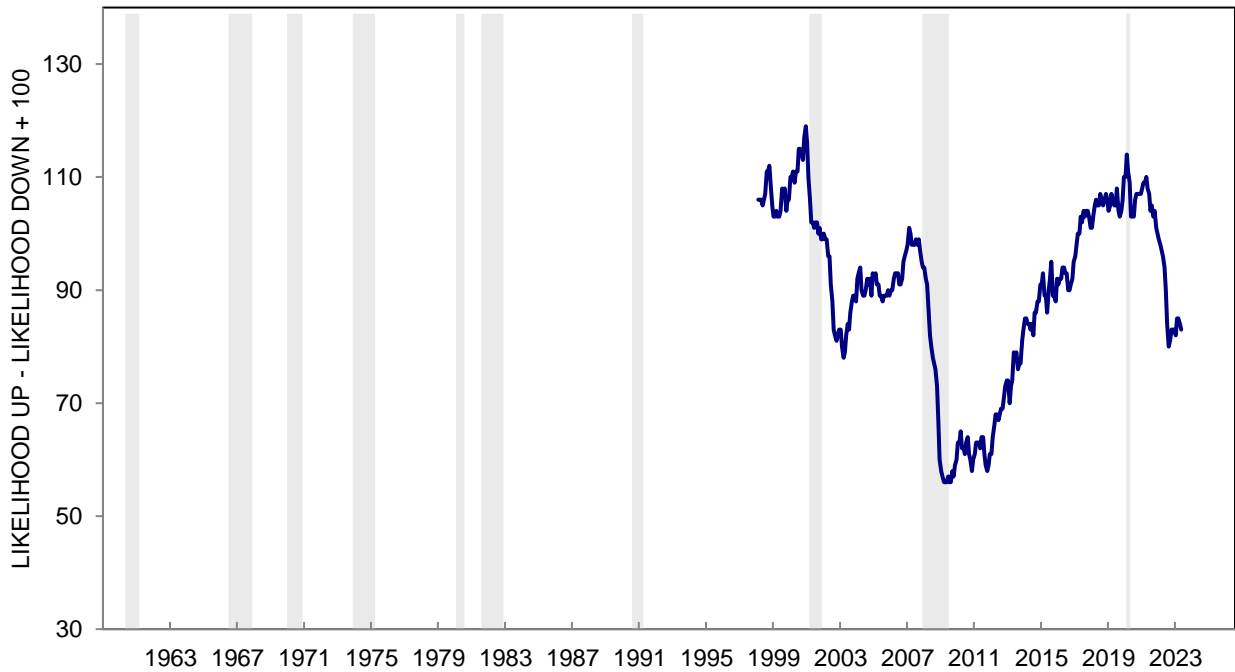


TABLE 20

PROBABILITY OF INCREASE IN STOCK MARKET PRICES IN THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
0%	6%	7%	8%	6%	6%	7%	8%	4%	7%	6%	9%	5%	5%
1 - 24%	17	21	24	21	24	25	21	21	22	22	20	18	20
25 - 49%	12	16	18	14	16	15	17	16	10	12	15	14	13
50%	20	17	21	17	20	19	20	21	19	18	18	18	20
51 - 74%	14	14	12	13	12	12	11	15	16	17	11	16	13
75 - 99%	22	17	11	21	15	16	15	16	18	17	21	19	19
100%	7	6	4	7	5	4	6	6	6	6	4	8	7
DK, NA	2	2	2	1	2	2	2	1	2	2	2	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	430	425	430	423	422	404	432	402	401	416	400	418	435
MEAN	51	46	41	48	45	43	44	47	47	47	46	51	49

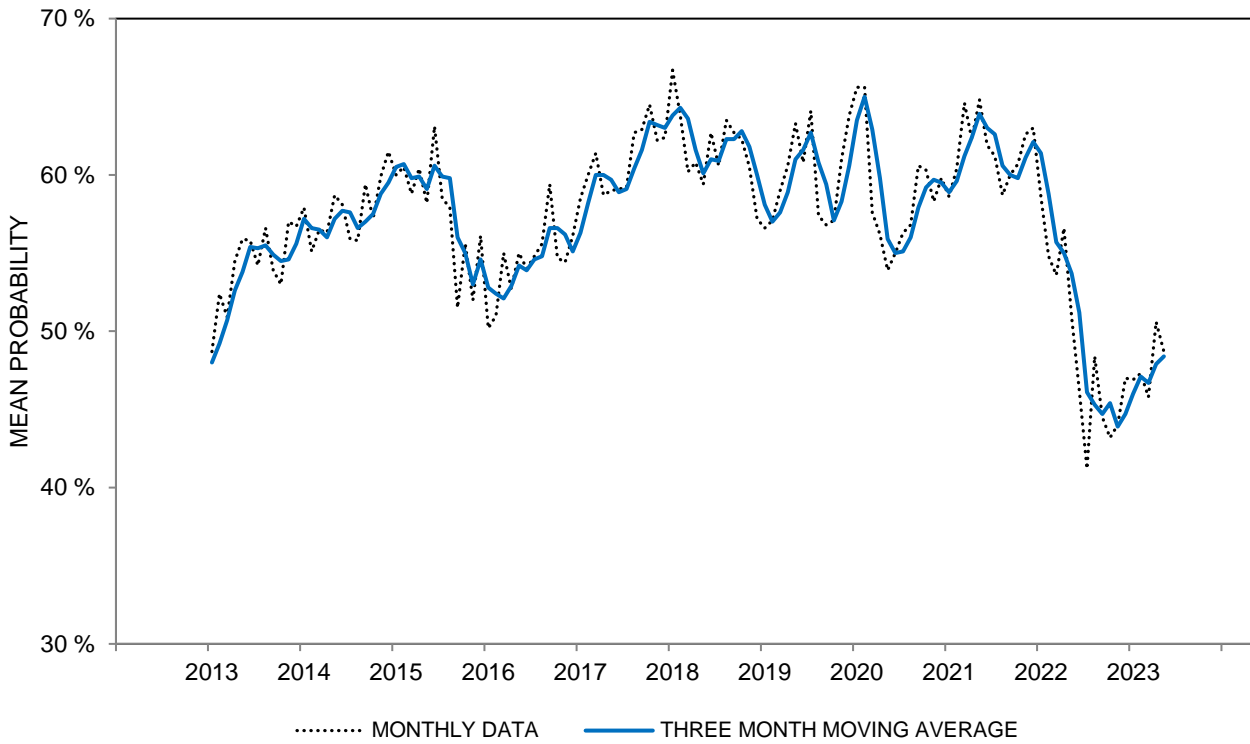
**PROBABILITY OF INCREASE IN STOCK MARKET PRICES IN THE NEXT YEAR - MEAN
THREE MONTH MOVING AVERAGES**

All	54	51	46	45	45	45	44	45	46	47	47	48	48
Age 18 to 44	58	55	49	47	46	47	48	49	49	49	49	51	52
Age 45 to 64	50	48	42	43	44	46	42	42	42	45	43	46	45
Age 65+	52	50	47	45	44	42	40	42	47	48	48	45	47
Income Bottom Third	52	49	45	42	42	46	45	45	42	42	44	45	47
Income Middle Third	54	53	47	46	44	44	42	44	46	47	45	46	46
Income Top Third	55	52	46	46	47	47	45	46	48	49	49	51	51
Educ High School or Less	47	45	41	39	37	38	38	41	41	43	41	44	40
Educ Some College	50	48	44	42	41	40	39	40	42	43	43	46	47
Educ College Degree	57	54	48	48	48	49	47	48	49	50	49	50	51
Democrat	62	60	56	54	54	56	53	54	54	56	55	56	56
Independent	53	50	45	44	42	42	42	43	44	45	44	46	46
Republican	47	43	38	38	39	40	38	37	38	38	39	40	42
Stock Does not Own	39	39	37	38	38	39	39	41	39	40	40	42	40
Stock Bottom Third	54	52	47	44	42	44	44	44	44	43	44	45	47
Stock Middle Third	54	52	47	46	46	45	43	43	45	46	45	47	48
Stock Top Third	56	54	48	49	48	49	46	49	51	53	50	50	50

The question was: "Suppose that tomorrow someone were to invest one thousand dollars in a type of mutual fund known as a diversified stock fund. What do you think is the percent chance that this one thousand dollar investment will increase in value in the year ahead, so that it is worth more than one thousand dollars one year from now?"

CASES is the number of respondents who owned stock

**CHART 20: PROBABILITY OF AN INCREASE IN STOCK MARKET PRICES
IN THE NEXT YEAR**



**CHART 20: PROBABILITY OF AN INCREASE IN STOCK MARKET PRICES
IN THE NEXT YEAR**

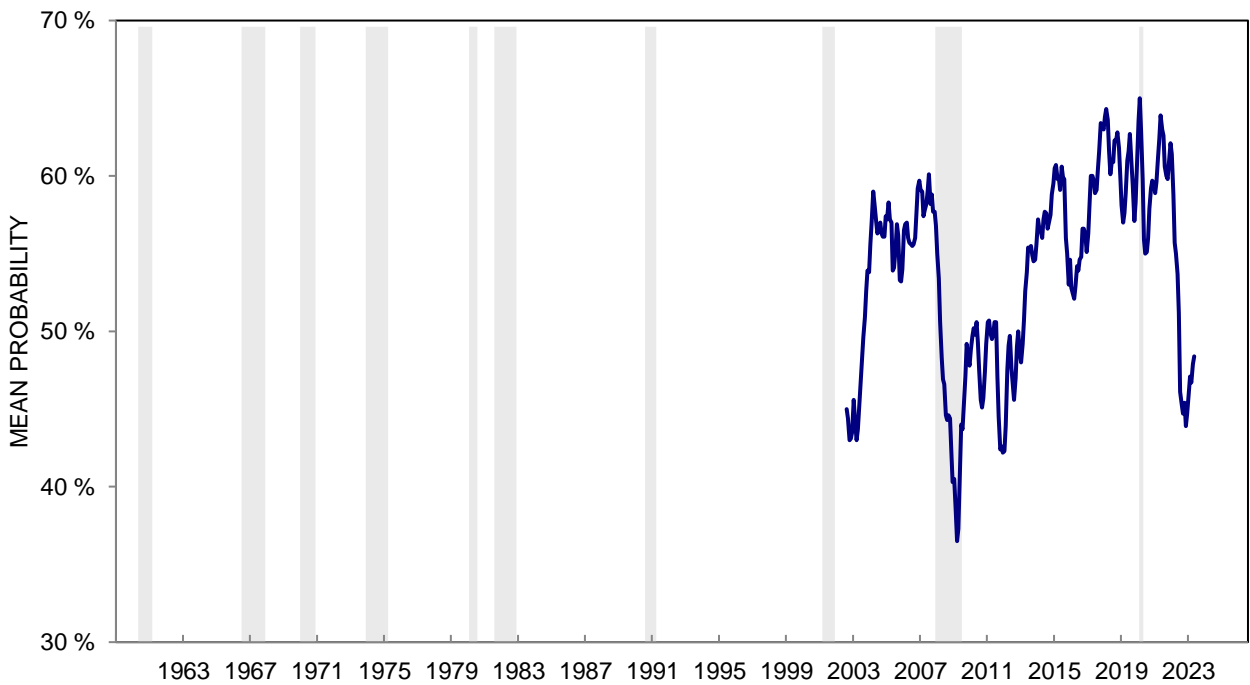


TABLE 21

CURRENT VALUE OF STOCK MARKET INVESTMENTS

THREE MONTH MOVING AVERAGES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
UNDER \$10,000	10%	11%	11%	10%	9%	10%	11%	11%	10%	10%	10%	11%	9%
\$10,000-24,999	8	7	7	7	9	9	11	8	8	6	7	7	8
\$25,000-49,999	7	6	8	7	8	7	7	7	7	7	8	9	9
\$50,000-99,999	10	10	11	11	11	11	12	11	10	9	11	11	11
\$100,000-199,999	12	11	11	11	11	13	12	13	12	13	12	11	11
\$200,000-499,999	15	16	15	15	15	15	16	16	16	16	16	16	17
\$500,000 AND UP	23	24	22	21	19	19	18	20	22	23	21	20	20
DK/NA	15	15	15	18	18	16	13	14	15	16	15	15	15
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1302	1289	1285	1278	1275	1249	1258	1238	1235	1219	1217	1234	1253
MEDIAN (1,000's)	150	151	134	133	114	120	105	124	140	156	140	130	130
25th PERCENTILE (1,000's)	36	36	34	36	33	31	25	27	31	35	35	32	35
75th PERCENTILE (1,000's)	478	505	460	459	409	414	371	426	469	496	461	419	428
INTERQUARTILE RANGE (75th-25th) (1,000's)	442	469	425	423	377	383	346	399	438	461	426	387	393

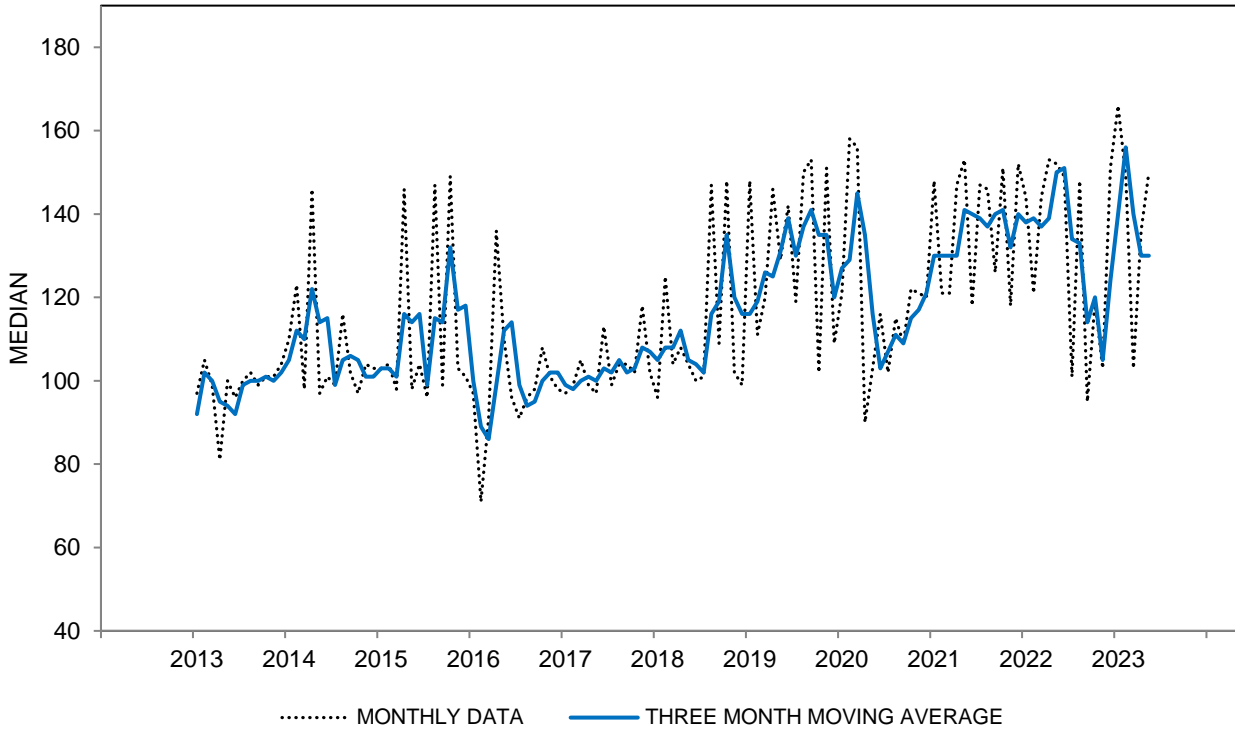
**CURRENT VALUE OF STOCK MARKET INVESTMENTS - MEDIAN
THREE MONTH MOVING AVERAGES**

All	150	151	134	133	114	120	105	124	140	156	140	130	130
Age 18 to 44	53	49	41	49	52	58	50	44	39	40	45	44	53
Age 45 to 64	269	274	230	221	202	219	201	195	212	243	244	229	213
Age 65+	295	356	406	365	298	249	226	289	306	283	259	256	301
Income Bottom Third	25	21	20	27	28	29	21	20	22	22	32	35	42
Income Middle Third	98	99	89	82	68	78	78	92	100	95	80	61	72
Income Top Third	343	387	340	351	303	276	237	315	361	371	311	295	293
Educ High School or Less	81	65	54	44	46	44	48	49	71	65	68	43	56
Educ Some College	79	67	61	74	72	75	62	63	58	57	58	55	59
Educ College Degree	202	234	218	229	194	186	167	209	226	231	196	189	189
Democrat	158	176	170	155	132	121	108	136	165	181	185	174	174
Independent	111	107	93	94	88	97	87	90	95	108	99	95	97
Republican	198	227	202	204	158	167	150	171	179	168	147	124	151

The questions were: "Do you (or any member of your family living there) have any investments in the stock market, including any publicly traded stock that is directly owned, stocks in mutual funds, stocks in any of your retirement accounts, including 401(K)s, IRAs, or Keogh accounts?" "Considering all of your (family's) investments in the stock market, overall about how much would your investments be worth today?"

CASES is the number of respondents who owned stock

**CHART 21: CURRENT VALUE OF STOCK MARKET INVESTMENTS
(NOMINAL THOUSANDS)**



**CHART 21: CURRENT VALUE OF STOCK MARKET INVESTMENTS
(NOMINAL THOUSANDS)**

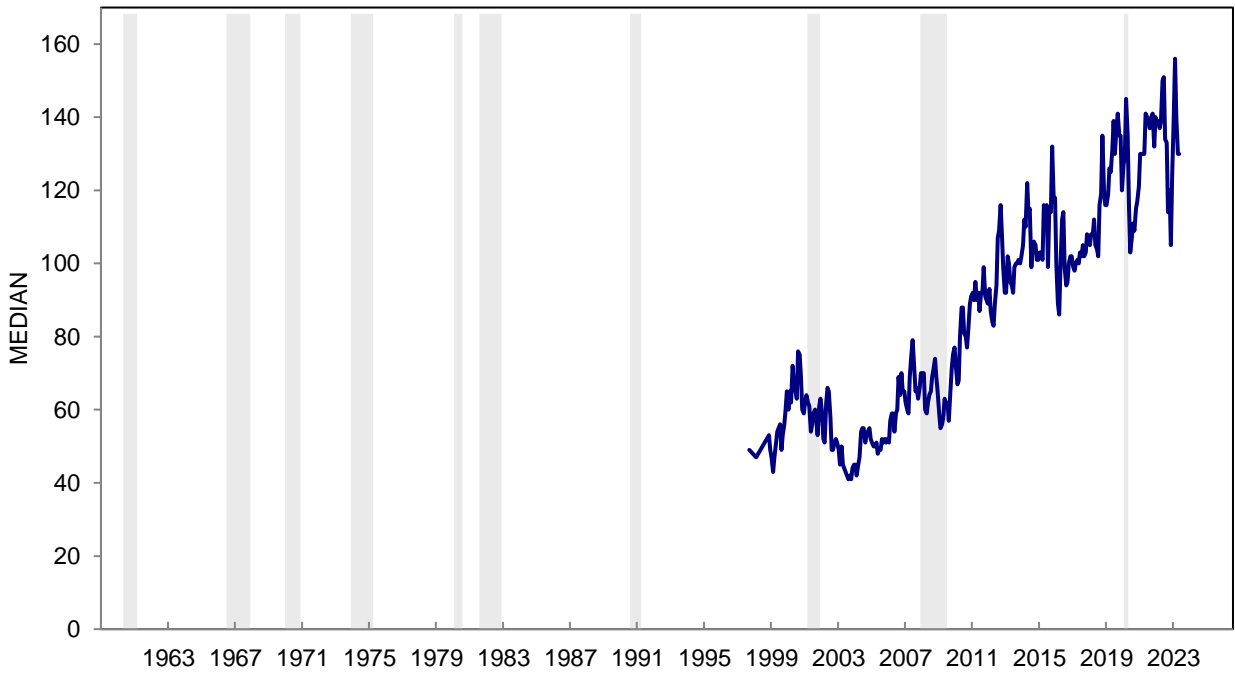


TABLE 22

CURRENT MARKET VALUE OF PRIMARY RESIDENCE

THREE MONTH MOVING AVERAGES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
UNDER \$100,000	8%	8%	7%	6%	6%	7%	6%	5%	4%	5%	5%	5%	5%
\$100,000-199,999	12	12	13	13	14	13	12	12	12	12	13	12	12
200,000-299,999	16	16	18	18	17	16	17	19	19	17	15	16	15
300,000-399,999	17	17	17	16	15	14	14	15	16	16	17	17	16
400,00-499,999	13	12	12	12	13	13	14	13	12	12	12	14	13
500,000+	31	31	29	29	29	31	31	31	32	31	32	31	32
DK/NA	3	4	4	6	6	6	6	5	5	7	6	5	7
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1305	1306	1302	1308	1295	1290	1270	1285	1272	1294	1258	1285	1271
MEDIAN (1,000's)	355	353	351	353	353	358	364	362	366	366	367	364	371
25th PERCENTILE (1,000's)	206	210	216	222	214	213	222	230	232	227	229	232	239
75th PERCENTILE (1,000's)	594	600	567	566	550	567	569	578	593	586	592	579	588
INTERQUARTILE RANGE (75th-25th) (1,000's)	388	390	350	344	336	355	347	348	361	358	363	348	349

CURRENT MARKET VALUE OF PRIMARY RESIDENCE - MEDIAN

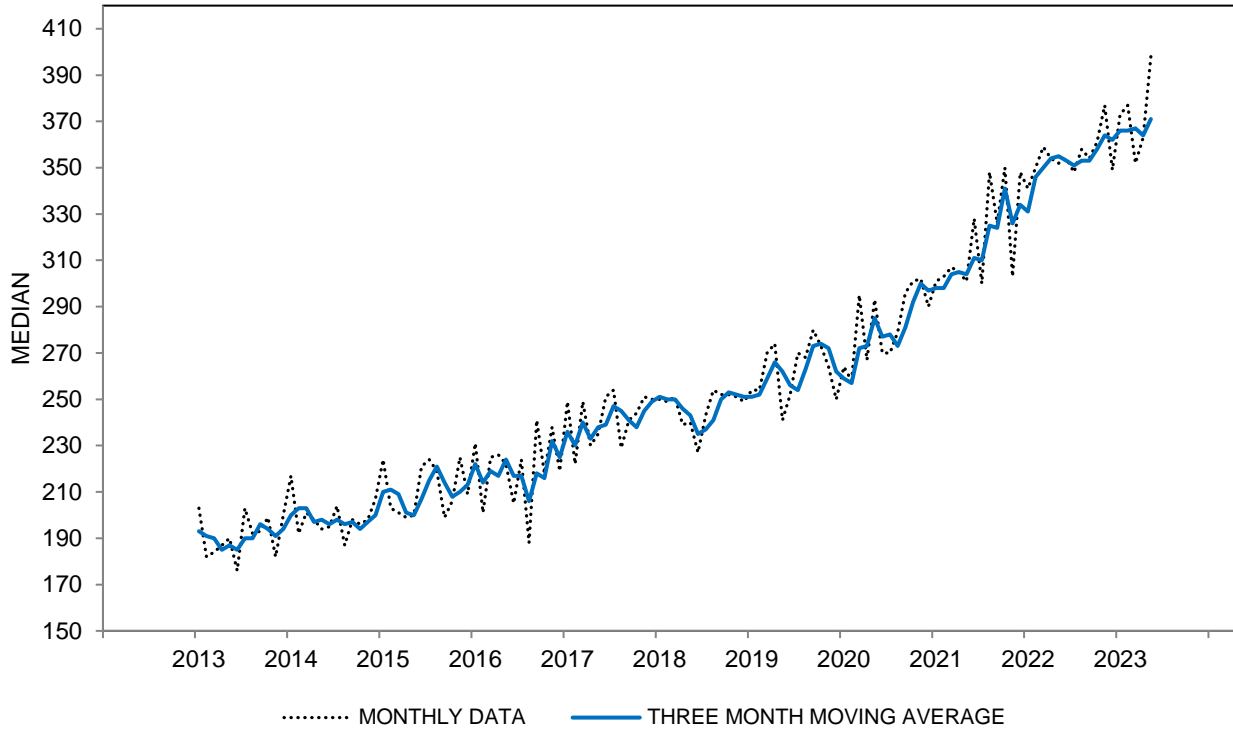
THREE MONTH MOVING AVERAGES

All	355	353	351	353	353	358	364	362	366	366	367	364	371
Age 18 to 44	365	347	333	334	364	380	386	352	359	338	355	356	375
Age 45 to 64	377	379	362	377	360	358	360	372	374	376	371	371	367
Age 65+	345	348	357	345	328	331	332	356	360	382	373	366	374
Income Bottom Third	188	190	194	193	183	191	215	230	216	195	199	215	217
Income Middle Third	303	303	293	294	288	301	303	309	304	315	319	323	336
Income Top Third	521	540	526	532	516	515	514	530	539	513	503	496	511
Educ High School or Less	248	209	223	241	244	239	233	238	241	248	269	267	278
Educ Some College	306	305	296	284	282	286	300	303	303	308	301	308	315
Educ College Degree	408	426	419	440	440	452	452	448	453	445	448	445	448
Democrat	374	390	406	418	417	412	392	381	392	403	393	404	412
Independent	378	359	338	331	334	339	354	354	360	353	355	342	357
Republican	332	341	332	342	341	368	373	367	343	344	354	361	352

The question was: "What is the current market value of your home? (If you sold it today, how much would it bring in?) "

CASES is the number of respondents who owned homes

**CHART 22: CURRENT MARKET VALUE OF PRIMARY RESIDENCE
(NOMINAL THOUSANDS)**



**CHART 22: CURRENT MARKET VALUE OF PRIMARY RESIDENCE
(NOMINAL THOUSANDS)**

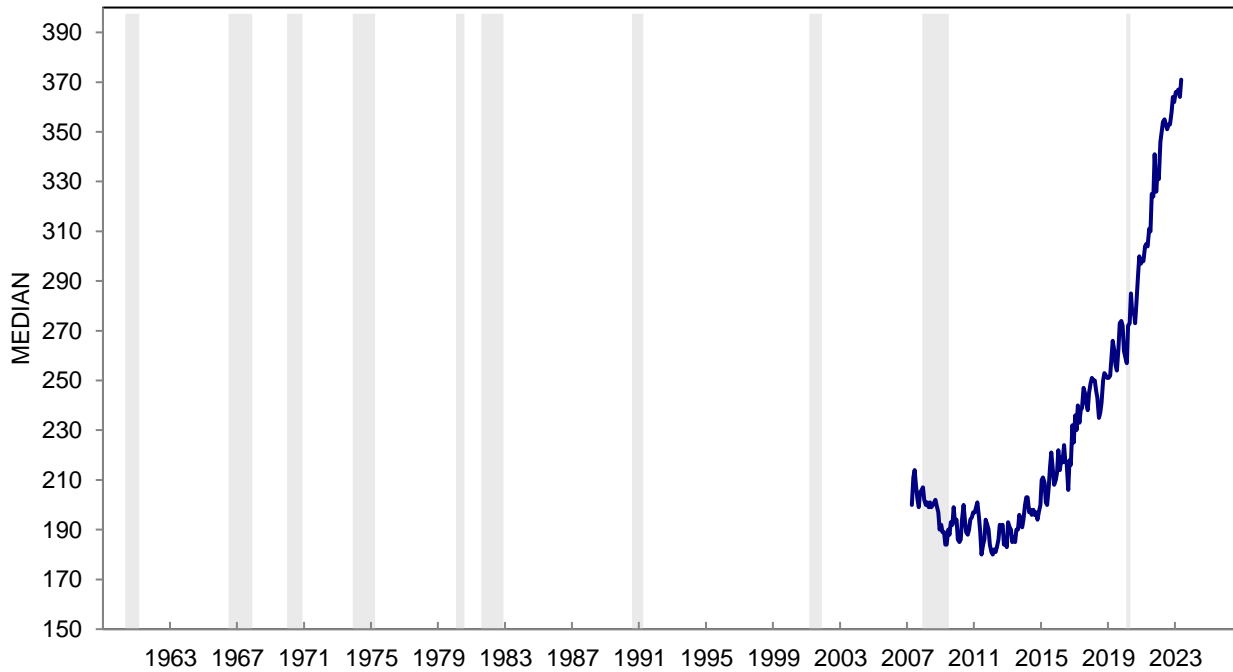


TABLE 23**NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS**

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
FAVORABLE NEWS	26%	22%	18%	27%	30%	22%	22%	27%	30%	30%	26%	21%	21%
UNFAVORABLE NEWS	109	112	117	105	101	105	100	95	88	90	90	103	108
NO MENTIONS	23	24	23	24	24	26	29	28	31	31	32	28	26
INDEX SCORE	17	10	1	22	29	17	22	32	42	40	36	18	13

**NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	25	20	9	11	17	23	23	24	32	38	39	31	22
Age 18 to 44	30	26	13	13	21	24	23	24	34	38	40	27	19
Age 45 to 64	18	13	5	7	8	13	13	21	26	34	29	30	21
Age 65+	28	22	12	17	26	34	33	28	36	44	52	40	30
Income Bottom Third	42	44	34	29	30	42	48	50	52	54	53	45	39
Income Middle Third	29	19	8	12	24	29	29	29	35	37	41	31	28
Income Top Third	5	-3	-13	-5	1	*	-7	-6	9	22	23	15	*
Educ High School or Less	29	36	33	36	36	40	42	49	55	61	55	50	42
Educ Some College	31	24	13	8	15	19	26	27	37	33	32	26	21
Educ College Degree	20	12	-2	2	9	15	11	11	20	30	36	26	14
Democrat	64	53	33	30	44	53	55	51	59	62	65	57	47
Independent	20	17	9	13	19	23	21	21	30	35	34	25	16
Republican	-13	-13	-18	-14	-16	-13	-12	-4	3	13	15	10	3

The questions were: "During the last few months, have you heard of any favorable or unfavorable changes in business conditions?" and "What did you hear?"

May add to more than 100% due to multiple mentions.

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 23: NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

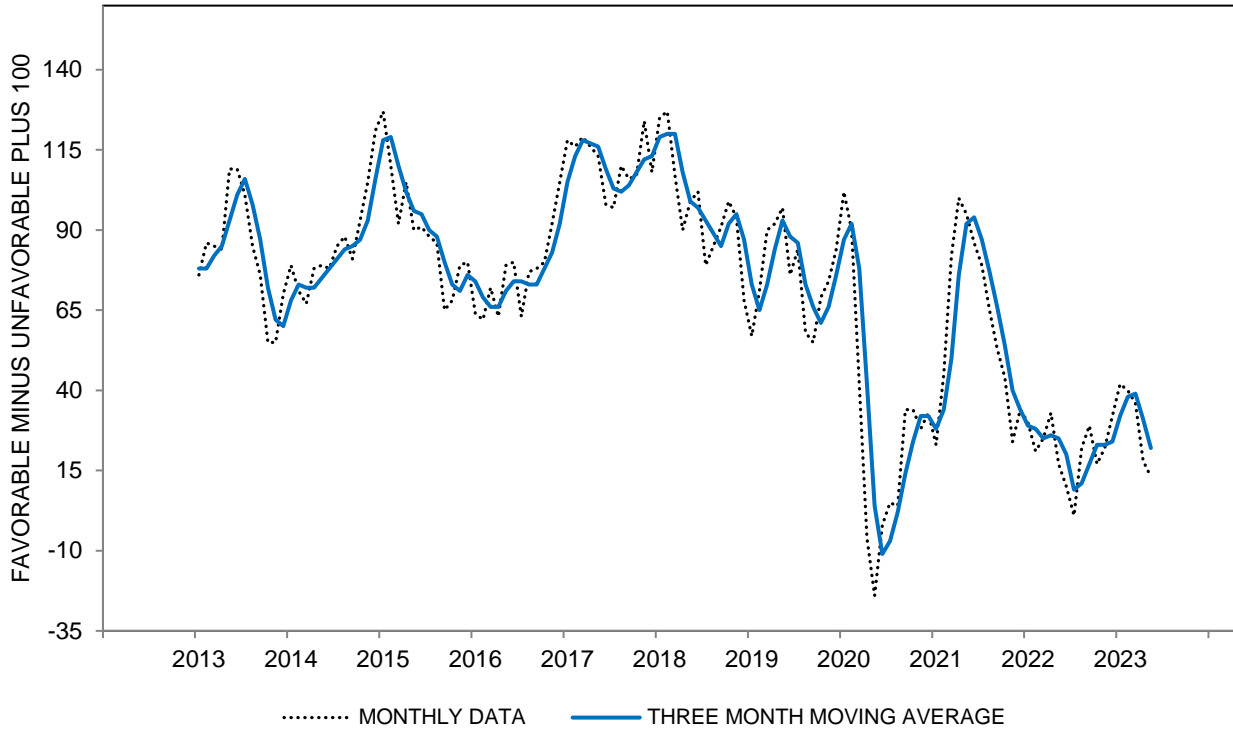


CHART 23: NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

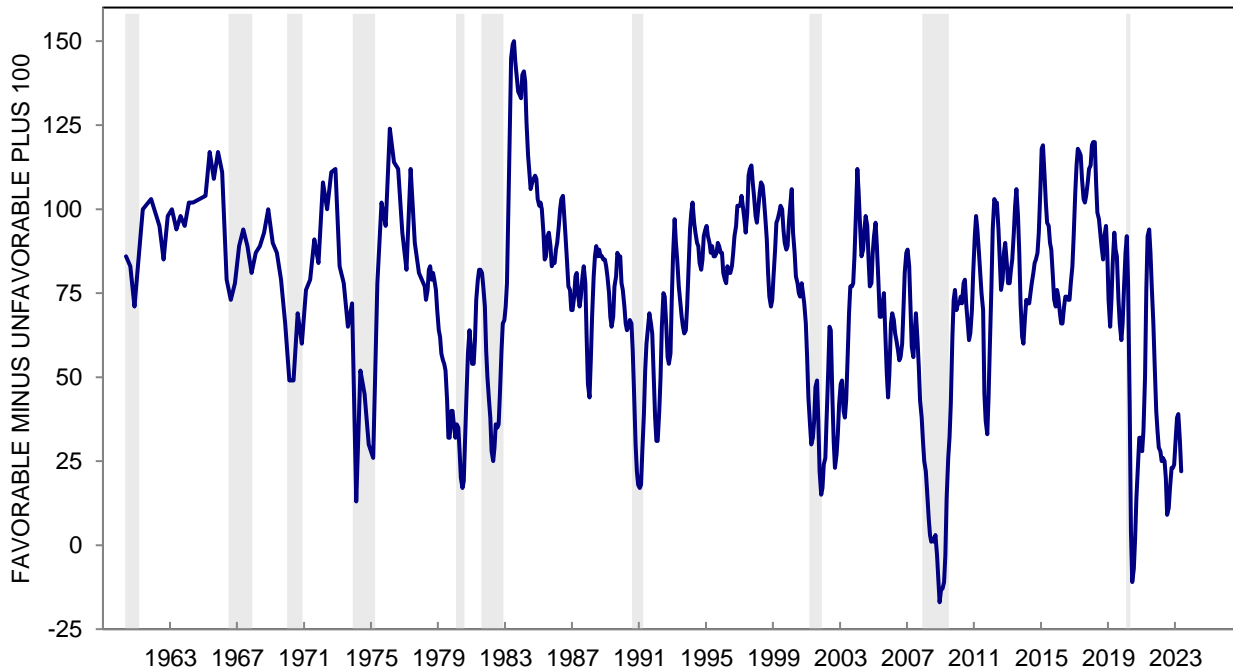


TABLE 24

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
FAVORABLE NEWS:													
Government; elections	3%	1%	1%	3%	2%	3%	4%	4%	2%	2%	1%	2%	2%
Employment	13	13	9	11	13	10	7	9	12	12	12	7	8
Higher consumer demand	4	3	2	2	3	2	1	3	2	3	3	2	2
Lower prices	*	*	1	3	5	2	1	3	6	5	4	3	3
Easier credit	*	*	*	*	*	*	*	1	1	1	*	*	1
Stock market	*	*	*	1	1	*	1	1	1	2	*	1	1
Trade; global economy	*	*	*	*	*	*	*	*	*	*	*	*	*
Economy	4	3	3	4	4	3	5	5	4	4	3	3	2
UNFAVORABLE NEWS:													
Government; elections	12	10	11	12	12	11	7	7	6	8	9	10	12
Unemployment	19	19	26	23	22	19	19	20	26	28	23	28	32
Lower consumer demand	5	5	5	6	5	6	5	5	5	5	5	6	6
Higher prices	32	38	37	29	28	27	32	25	21	21	19	18	19
Tighter credit	7	8	8	7	9	12	13	10	10	7	12	11	11
Energy crisis	1	1	*	1	1	1	1	2	1	1	*	1	1
Stock market	6	5	4	3	4	5	3	2	3	3	2	2	2
Trade; global economy	*	1	1	1	1	*	*	1	1	*	*	2	1
Economy	21	19	21	19	11	14	14	12	10	8	6	8	7

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

EMPLOYMENT - UNEMPLOYMENT (THREE MONTH MOVING AVERAGES)

All	-6	-5	-10	-12	-13	-10	-10	-11	-12	-14	-14	-16	-19
Age 18 to 44	-6	-7	-12	-15	-14	-11	-11	-11	-13	-17	-17	-18	-17
Age 45 to 64	-7	-7	-9	-8	-12	-11	-12	-10	-12	-14	-15	-17	-19
Age 65+	-6	-5	-7	-10	-9	-8	-9	-12	-14	-10	-6	-12	-19
Income Bottom Third	-10	-7	-11	-15	-14	-7	-6	-7	-11	-10	-12	-13	-15
Income Middle Third	-2	-4	-10	-12	-13	-11	-9	-11	-11	-14	-10	-14	-15
Income Top Third	-4	-3	-5	-4	-9	-11	-16	-15	-17	-19	-20	-22	-24
Educ High School or Less	-14	-14	-16	-16	-16	-13	-11	-11	-10	-8	-9	-13	-17
Educ Some College	-6	-3	-10	-14	-18	-15	-14	-12	-13	-16	-17	-16	-19
Educ College Degree	-1	-2	-7	-7	-8	-5	-7	-10	-14	-16	-15	-18	-20
Democrat	8	10	1	-2	-3	-2	-2	-4	-7	-10	-9	-10	-12
Independent	-8	-9	-11	-12	-11	-9	-11	-11	-11	-12	-14	-19	-22
Republican	-16	-16	-17	-19	-23	-19	-19	-18	-21	-21	-20	-20	-22

GOVERNMENT FAVORABLE - UNFAVORABLE (THREE MONTH MOVING AVERAGES)

All	-11	-9	-9	-9	-10	-9	-7	-5	-3	-4	-6	-7	-9
Age 18 to 44	-10	-7	-5	-4	-5	-7	-6	-4	-2	-3	-3	-5	-5
Age 45 to 64	-12	-9	-10	-10	-12	-11	-8	-5	-5	-4	-7	-7	-10
Age 65+	-11	-11	-14	-14	-12	-9	-7	-5	-3	-7	-8	-11	-11
Income Bottom Third	-7	-8	-9	-7	-7	-5	-4	-2	-2	-4	-4	-5	-7
Income Middle Third	-12	-9	-9	-9	-10	-8	-6	-2	-2	-4	-6	-7	-8
Income Top Third	-13	-10	-9	-10	-9	-11	-10	-9	-6	-6	-7	-9	-10
Educ High School or Less	-7	-5	-5	-5	-7	-5	-6	-4	-4	-3	-3	-4	-6
Educ Some College	-9	-11	-12	-12	-10	-8	-6	-6	-4	-5	-6	-9	-10
Educ College Degree	-13	-10	-9	-9	-11	-11	-8	-5	-3	-4	-6	-7	-9
Democrat	-7	-6	-6	-6	-5	-2	0	3	3	-1	-2	-3	-5
Independent	-10	-7	-7	-8	-9	-9	-7	-6	-4	-5	-6	-7	-9
Republican	-17	-15	-15	-14	-15	-16	-16	-13	-11	-9	-10	-11	-13

The questions were: "During the last few months, have you heard of any favorable or unfavorable changes in business conditions?" and "What did you hear?"

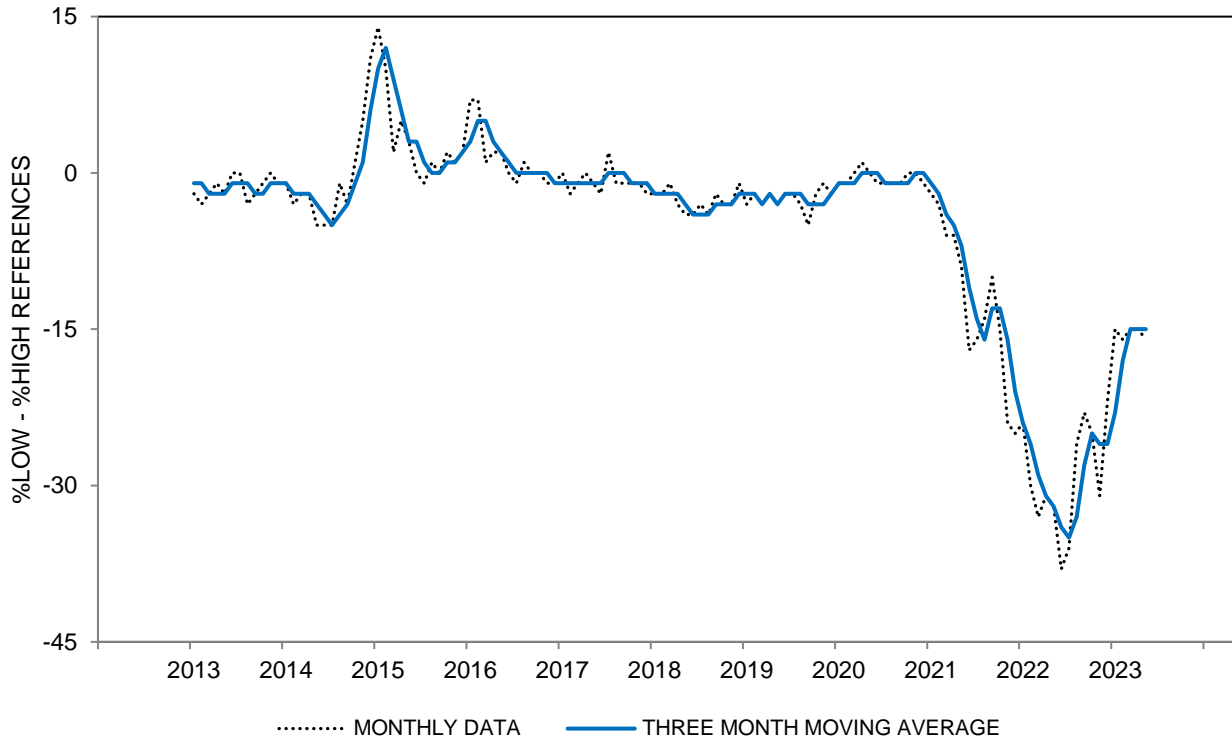
May add to more than 100% due to multiple mentions.

*: Less than half of one percent.

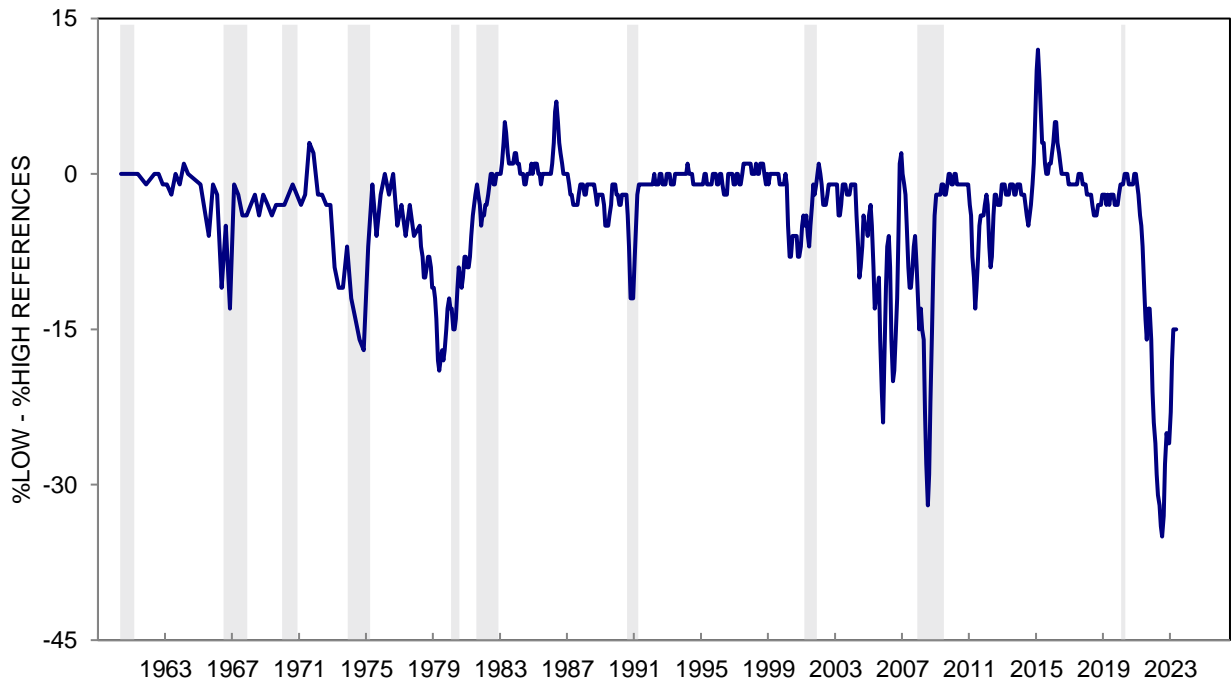
May add to more than 100% due to multiple mentions.

*: Less than half of one percent.

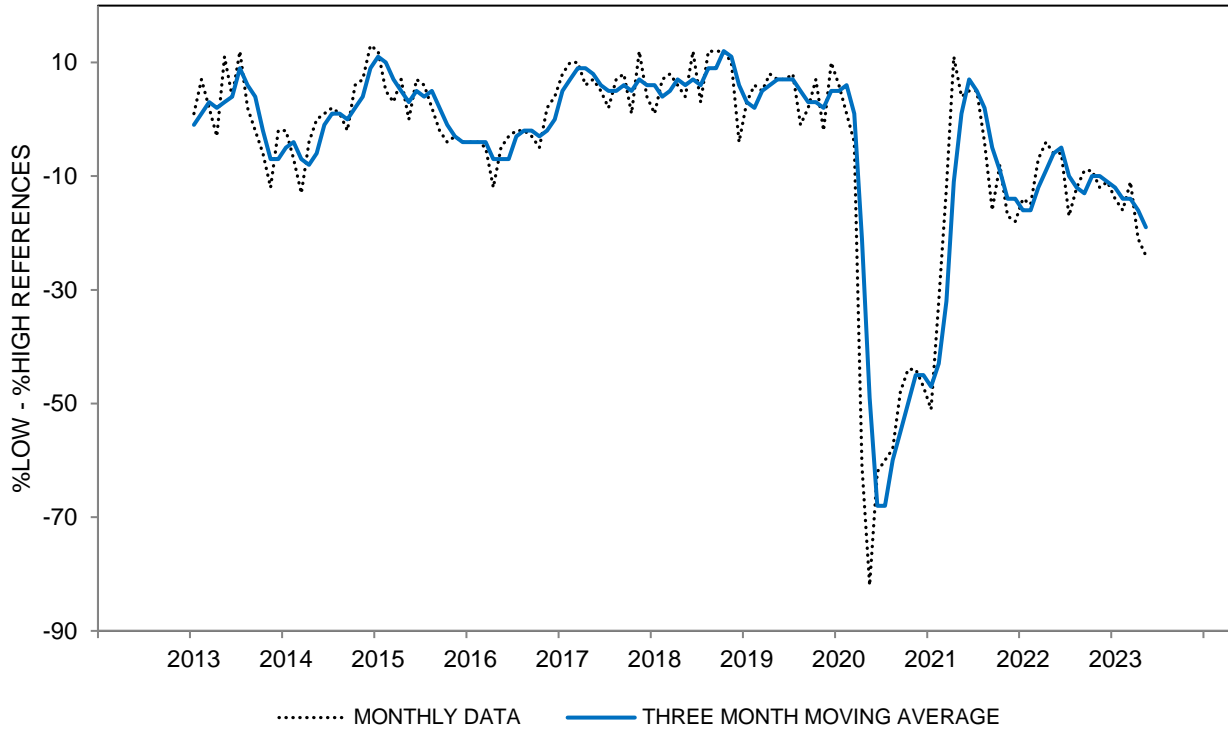
**CHART 24A: NEWS HEARD ABOUT PRICE CHANGES
(%LOW PRICES - %HIGH PRICES)**



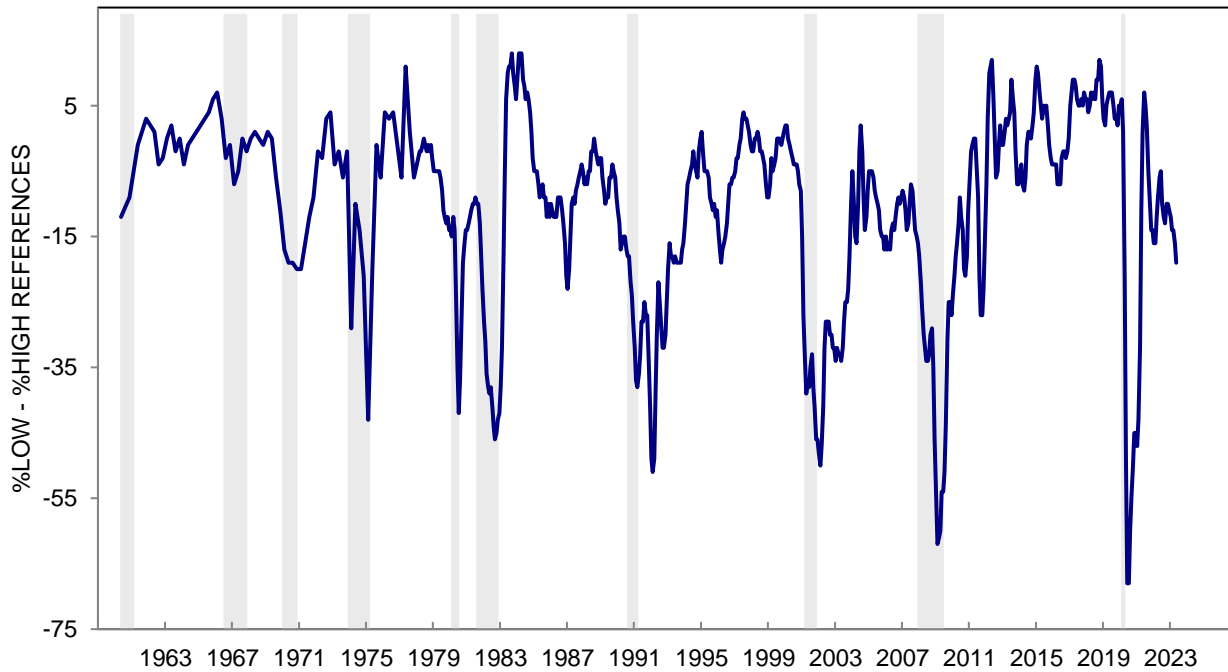
**CHART 24A: NEWS HEARD ABOUT PRICE CHANGES
(%LOW PRICES - %HIGH PRICES)**



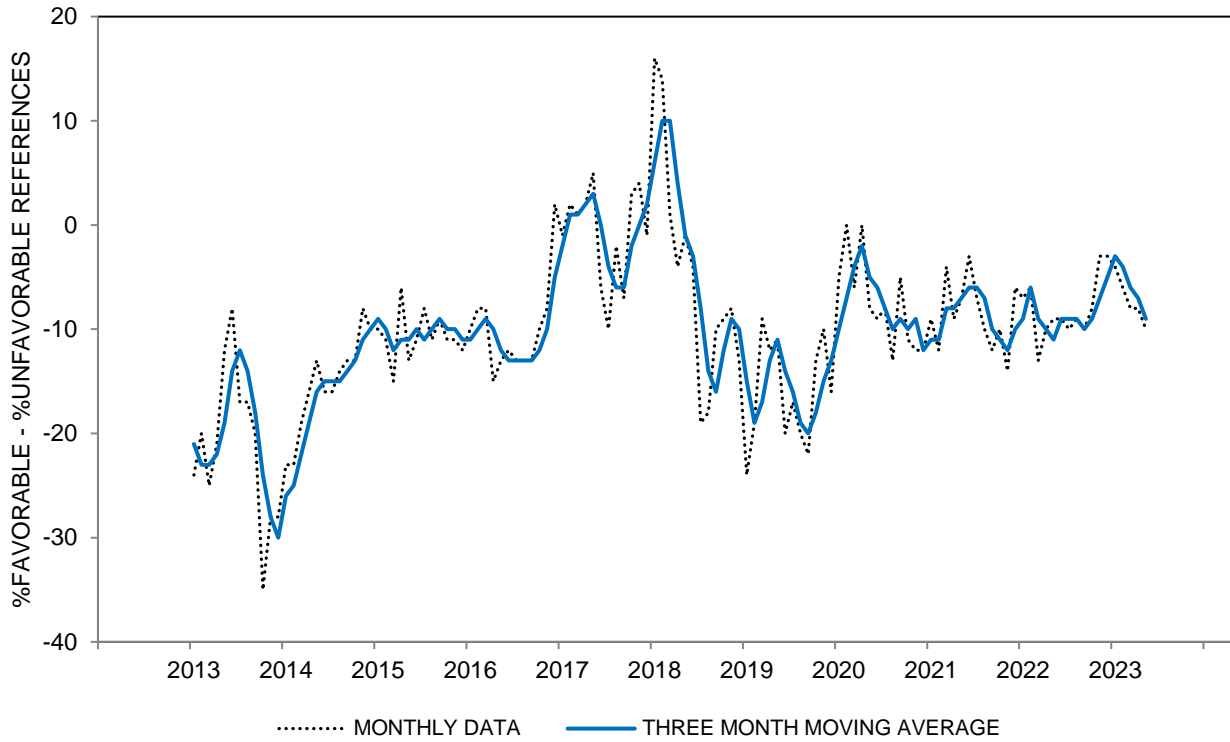
**CHART 24B: NEWS HEARD ABOUT CHANGE IN EMPLOYMENT CONDITIONS
(%LOWER UNEMPLOYMENT - %HIGHER UNEMPLOYMENT)**



**CHART 24B: NEWS HEARD ABOUT CHANGE IN EMPLOYMENT CONDITIONS
(%LOWER UNEMPLOYMENT - %HIGHER UNEMPLOYMENT)**



**CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
(%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)**



**CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
(%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)**

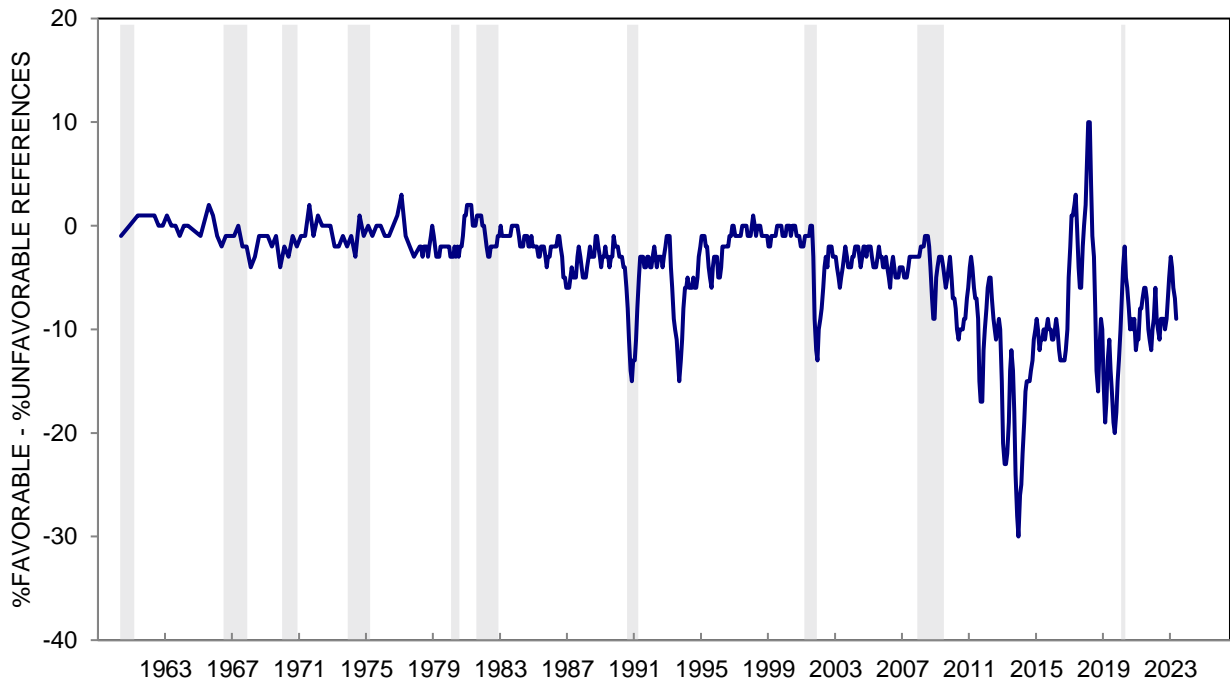


TABLE 25

CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
BETTER NOW	32%	25%	25%	29%	30%	30%	27%	28%	36%	35%	34%	29%	30%
SAME	5	2	5	6	5	6	6	6	7	7	9	8	8
WORSE NOW	62	73	68	65	63	63	67	64	56	57	56	63	61
DK, NA	1	*	2	*	2	1	*	2	1	1	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	70	52	57	64	67	67	60	64	80	78	78	66	69

**CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	82	72	60	58	63	66	65	64	68	74	79	74	71
Age 18 to 44	93	81	69	65	72	73	72	73	80	83	83	74	73
Age 45 to 64	74	66	52	52	56	59	59	57	59	65	70	68	61
Age 65+	78	69	58	56	58	65	61	59	62	73	84	82	81
Income Bottom Third	83	77	68	67	71	77	75	78	78	83	84	77	73
Income Middle Third	85	72	60	60	67	65	62	59	66	73	76	73	69
Income Top Third	82	69	53	49	54	59	59	57	62	67	75	73	71
Educ High School or Less	66	57	53	59	68	67	63	60	69	80	84	77	68
Educ Some College	79	72	57	54	58	66	68	69	72	73	75	69	70
Educ College Degree	91	79	64	60	64	67	64	63	66	73	80	78	75
Democrat	123	106	92	85	91	97	100	100	96	98	101	101	103
Independent	82	70	58	57	67	67	64	60	70	77	81	73	66
Republican	38	38	27	29	27	32	30	30	34	40	49	47	47

The question was: "Would you say that at the present time business conditions are better or worse than they were a year ago?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 25: CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

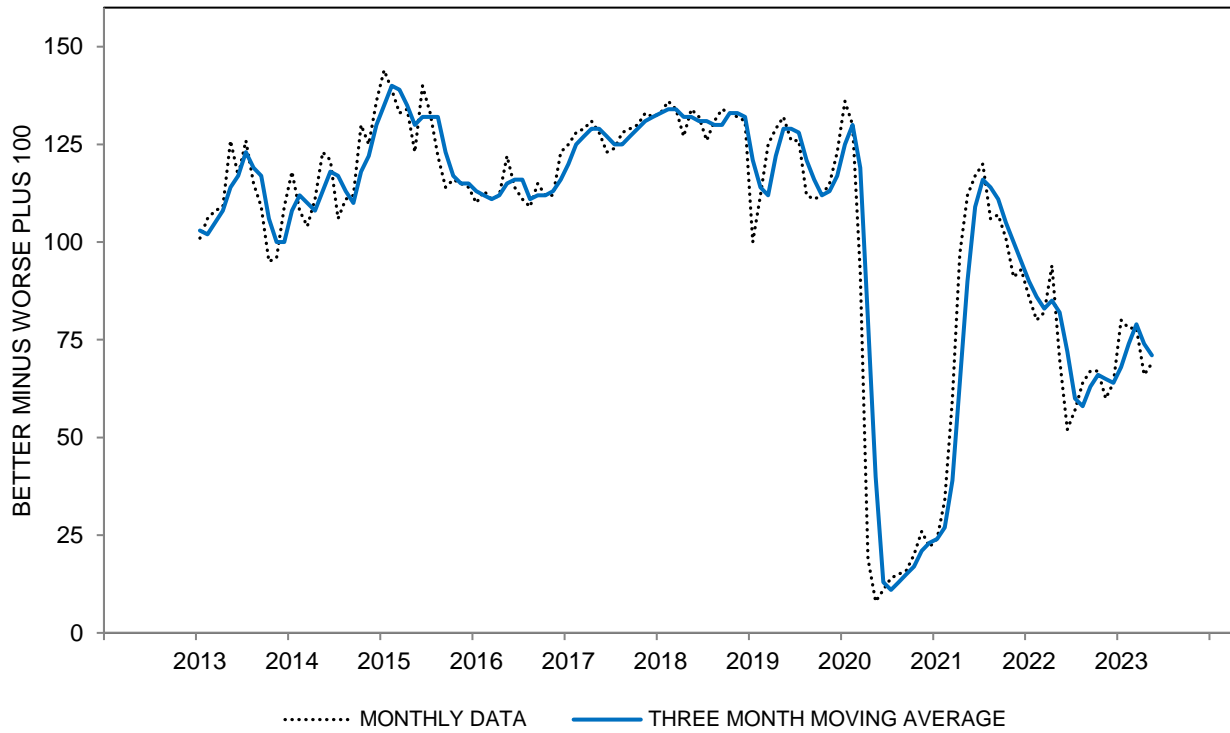


CHART 25: CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

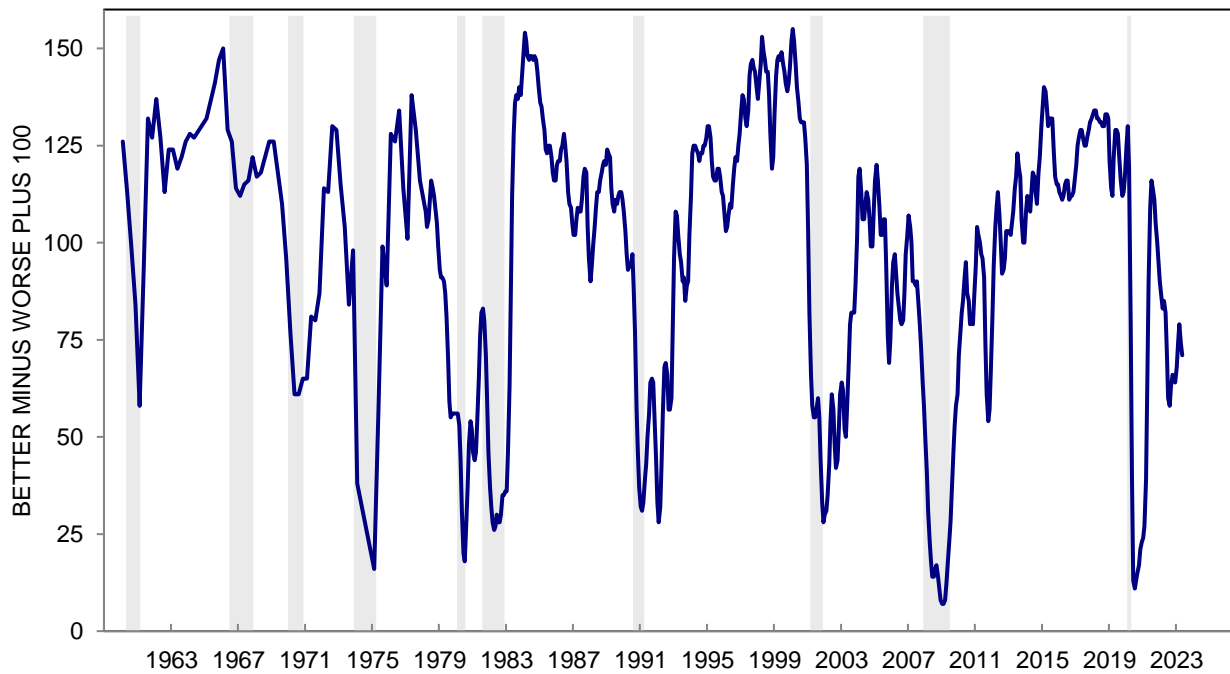


TABLE 26

EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
BETTER	22%	20%	18%	22%	24%	20%	19%	24%	20%	23%	21%	18%	19%
SAME	36	35	36	42	42	40	40	40	48	45	44	46	40
WORSE	39	44	43	35	32	37	38	35	31	31	34	34	40
DK, NA	3	1	3	1	2	3	3	1	1	1	1	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	83	76	75	87	92	83	81	89	89	92	87	84	79

**EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	86	83	78	79	85	87	85	84	86	90	89	88	83
Age 18 to 44	91	86	78	79	83	87	86	85	89	92	92	90	86
Age 45 to 64	82	79	73	74	79	82	81	81	81	85	83	85	78
Age 65+	88	85	84	86	92	94	91	87	89	92	92	88	85
Income Bottom Third	89	87	82	81	87	95	96	95	92	95	93	95	88
Income Middle Third	87	83	76	76	83	88	86	81	82	84	84	82	79
Income Top Third	85	81	77	82	85	81	76	81	86	92	89	85	82
Educ High School or Less	79	75	72	73	81	83	82	80	83	89	90	88	80
Educ Some College	82	79	76	74	81	83	88	84	85	83	82	83	81
Educ College Degree	92	89	81	85	89	92	86	87	89	94	94	91	88
Democrat	124	122	114	111	116	119	117	115	114	116	114	114	113
Independent	84	80	74	78	83	85	80	80	83	88	88	85	81
Republican	50	47	45	47	55	59	62	58	60	62	62	61	55

The question was: "And how about a year from now, do you expect that in the country as a whole business conditions will be better or worse than they are at present, or just about the same?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 26: EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

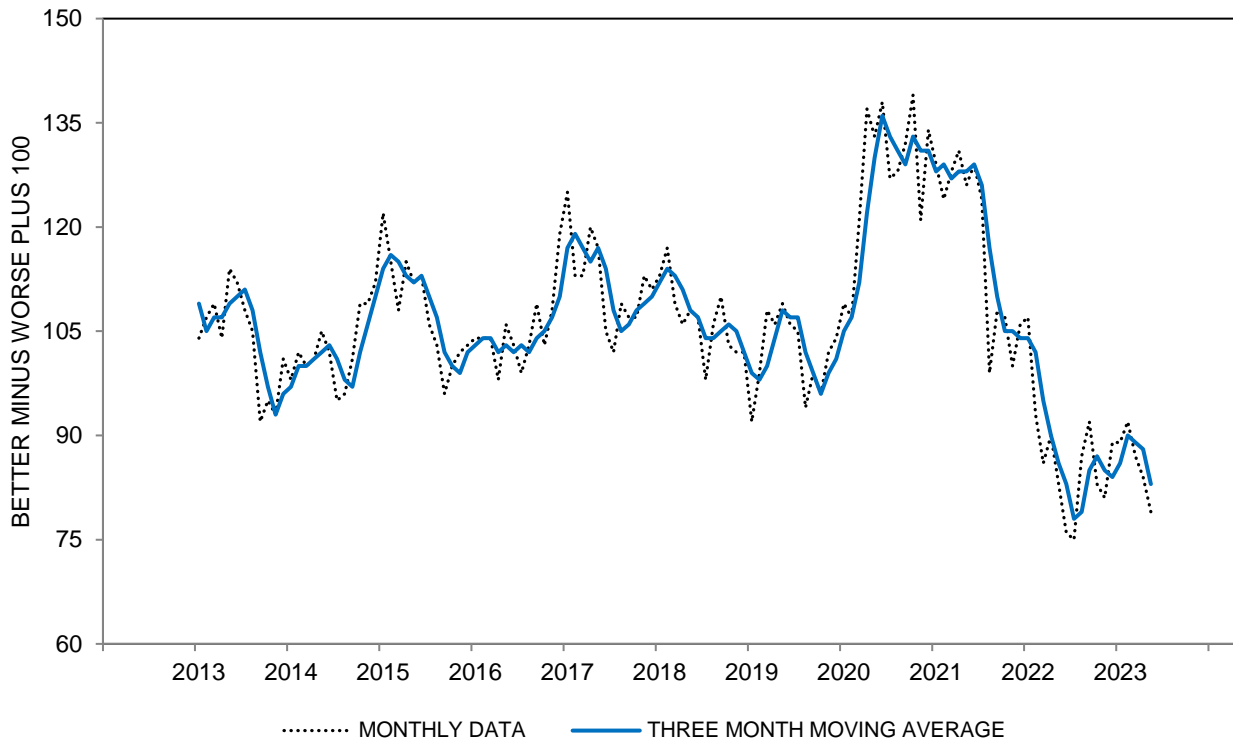


CHART 26: EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

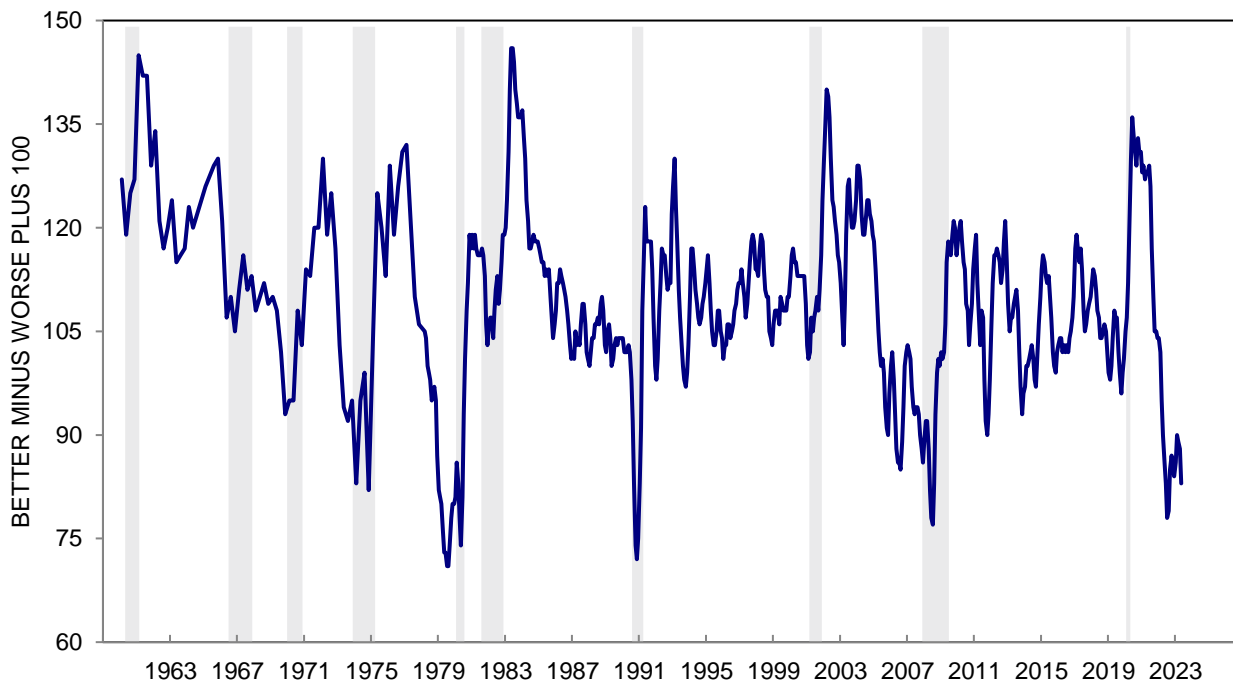


TABLE 27

TREND IN PAST AND EXPECTED CHANGES IN BUSINESS CONDITIONS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
TREND:													
Continuous increase (a)	12%	10%	9%	11%	13%	12%	9%	12%	11%	13%	13%	10%	11%
Intermittent increase (b)	17	10	11	15	13	15	14	15	22	18	19	16	16
Remain unchanged (c)	2	1	2	3	4	2	2	3	5	3	6	6	4
Intermittent decline (d)	20	23	24	26	25	26	26	25	23	26	20	26	23
Continuous decline (e)	33	39	36	30	28	31	31	30	26	24	30	30	33
Mixed change (f)	12	15	14	13	14	11	14	13	11	14	11	10	10
DK, NA	4	2	4	2	3	3	4	2	2	2	1	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	76	58	60	70	73	70	66	72	84	81	82	70	71

**TREND IN PAST AND EXPECTED CHANGES IN BUSINESS CONDITIONS - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	84	76	65	63	68	71	70	69	74	79	82	78	74
Age 18 to 44	92	82	70	66	73	74	74	74	82	85	87	79	77
Age 45 to 64	76	69	56	56	61	65	63	63	65	71	73	72	64
Age 65+	83	77	69	67	69	74	71	70	73	81	89	85	84
Income Bottom Third	84	80	72	71	76	83	83	84	85	87	88	82	77
Income Middle Third	85	75	63	62	69	70	67	64	69	74	79	75	73
Income Top Third	82	73	60	59	63	64	62	63	69	75	80	77	75
Educ High School or Less	68	60	57	61	69	69	65	63	73	83	87	80	69
Educ Some College	80	74	63	57	64	70	74	74	78	75	77	73	74
Educ College Degree	92	84	69	66	70	74	70	70	73	79	85	81	79
Democrat	129	117	103	95	102	107	109	110	108	108	109	108	111
Independent	81	71	60	61	69	71	67	64	73	80	84	77	69
Republican	38	36	29	29	30	35	35	34	37	42	49	47	46

Combination of the responses to the questions on Tables 25 and 26.

- Key: (a) Better than a year ago/Better a year from now
- (b) Better/Same or Same/Better
- (c) Same/Same
- (d) Worse/Same or Same/Worse
- (e) Worse/Worse
- (f) Worse/Better or Better/Worse

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 27: TREND IN PAST AND EXPECTED BUSINESS CONDITIONS

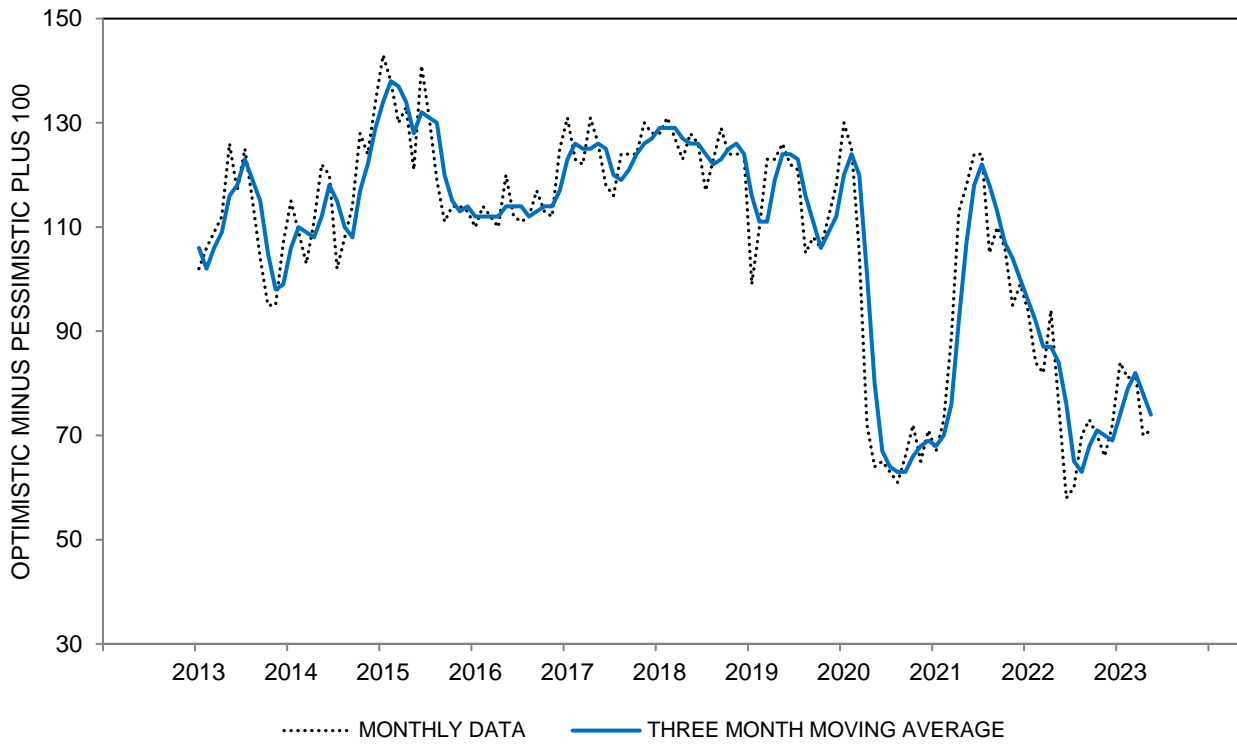


CHART 27: TREND IN PAST AND EXPECTED BUSINESS CONDITIONS

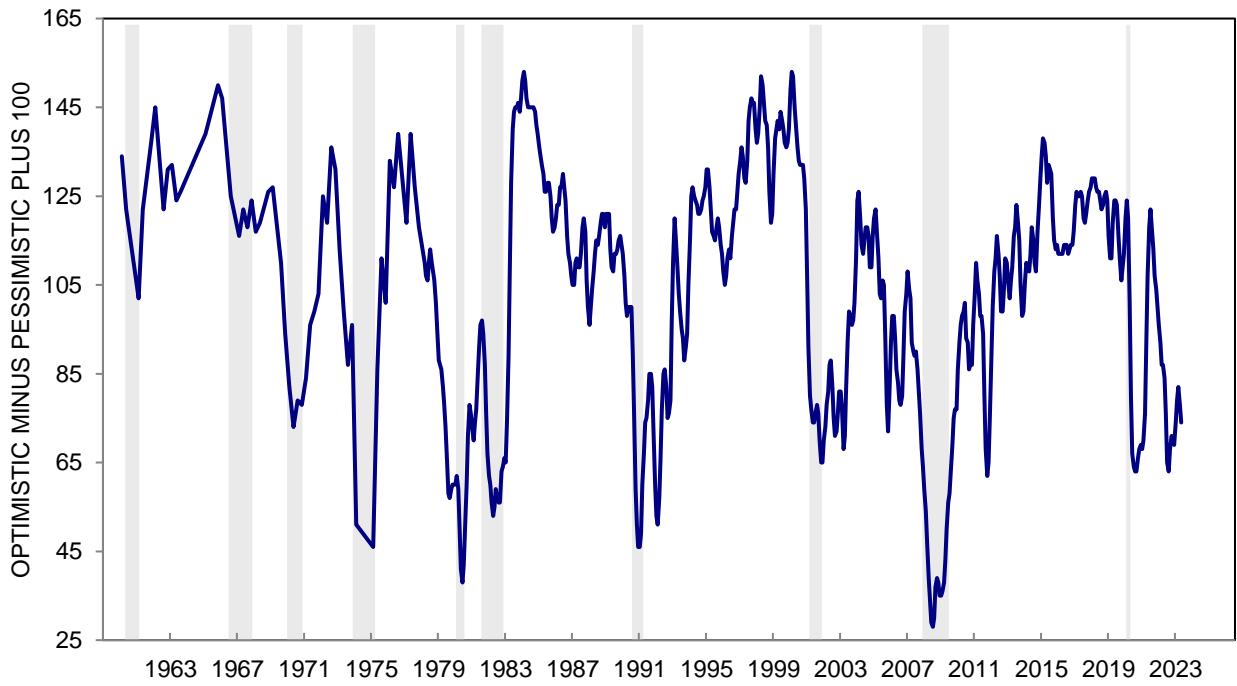


TABLE 28

BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIMES	19%	14%	13%	22%	25%	20%	20%	26%	25%	28%	24%	25%	21%
UNCERTAIN	2	2	3	3	2	3	5	2	4	3	4	3	3
BAD TIMES	73	79	79	68	66	72	71	65	65	61	66	65	71
DON'T KNOW	3	2	2	2	3	3	1	4	2	3	2	2	2
NA	3	3	3	5	4	2	3	3	4	5	4	5	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	46	35	34	54	59	48	49	61	60	67	58	60	50

**BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	53	48	38	41	49	54	52	53	57	63	62	62	56
Age 18 to 44	55	49	39	38	45	50	52	53	58	60	59	56	52
Age 45 to 64	47	45	33	38	51	53	49	46	50	57	56	57	52
Age 65+	58	50	44	49	52	60	55	60	63	73	74	76	67
Income Bottom Third	56	50	43	49	56	64	62	65	66	70	65	64	57
Income Middle Third	54	49	35	37	45	52	52	53	56	60	58	60	54
Income Top Third	50	45	36	39	48	48	44	42	47	57	60	60	55
Educ High School or Less	45	46	42	49	57	61	57	57	61	69	69	65	51
Educ Some College	48	41	32	31	39	44	50	56	63	62	55	54	52
Educ College Degree	58	51	40	43	51	55	50	48	51	60	63	65	61
Democrat	91	84	67	68	83	89	85	85	86	92	89	93	88
Independent	44	39	33	37	45	50	47	48	54	61	60	59	51
Republican	21	18	14	16	20	23	26	25	28	32	32	31	27

The question was: "Now turning to business conditions in the country as a whole -- do you think that during the next 12 months we'll have good times financially, or bad times or what?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 28: BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

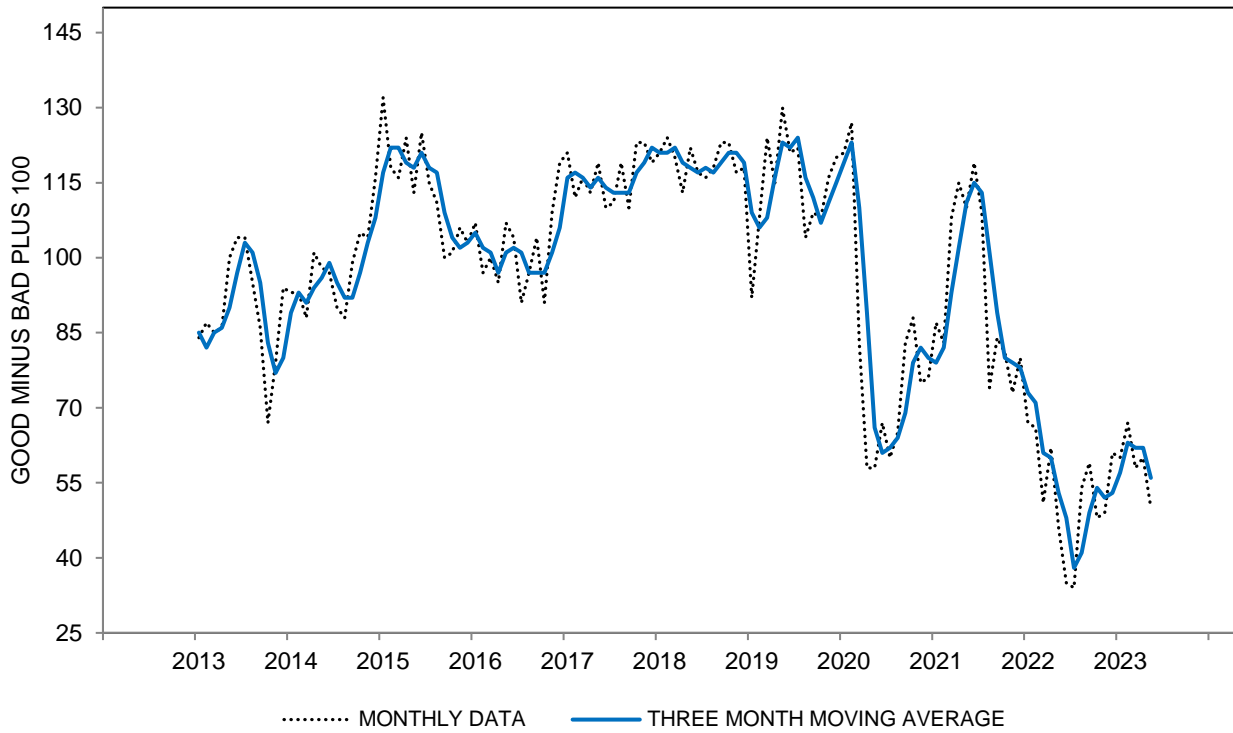


CHART 28: BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

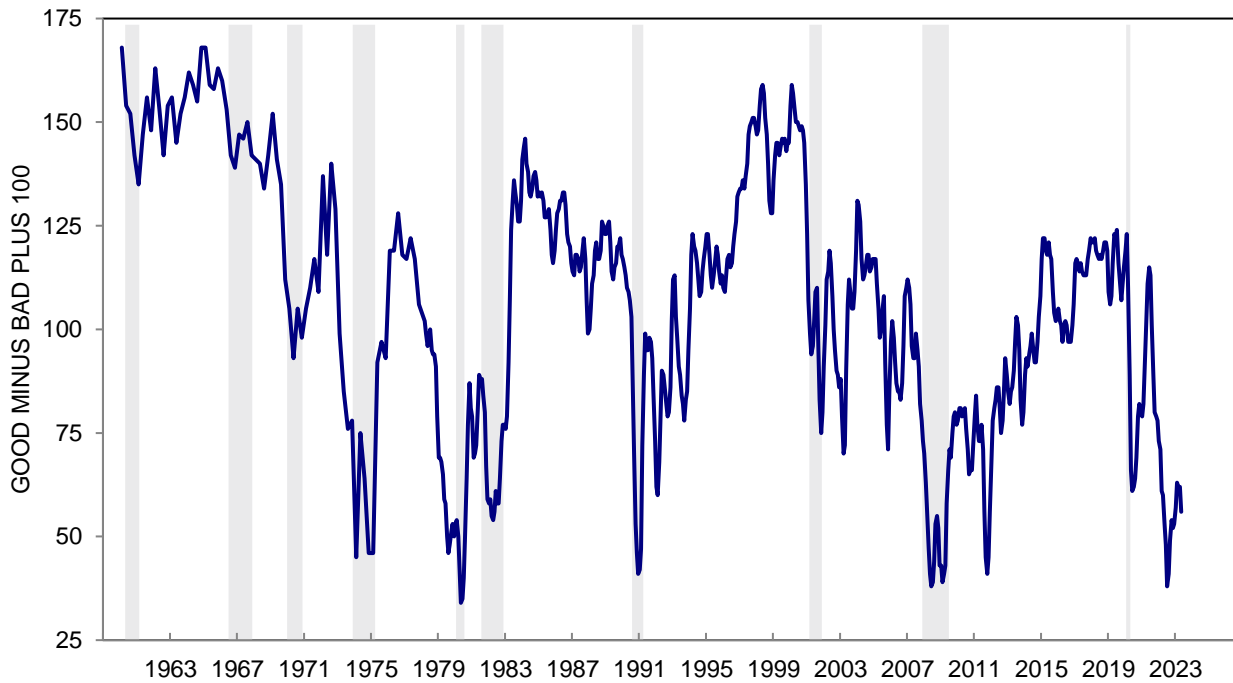


TABLE 29

BUSINESS CONDITIONS EXPECTED DURING THE NEXT 5 YEARS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIMES	27%	22%	24%	29%	28%	29%	27%	31%	34%	36%	32%	33%	30%
UNCERTAIN	9	9	5	9	8	8	8	7	8	5	6	7	5
BAD TIMES	61	65	68	60	62	60	62	60	56	57	59	57	64
NA	3	4	3	2	2	3	3	2	2	2	3	3	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	66	57	56	69	66	69	65	71	78	79	73	76	66

**BUSINESS CONDITIONS EXPECTED DURING THE NEXT 5 YEARS - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	72	67	60	61	64	68	67	68	71	76	77	76	72
Age 18 to 44	72	63	54	55	57	64	63	65	70	72	72	69	66
Age 45 to 64	66	64	55	58	63	70	68	67	66	72	72	75	70
Age 65+	80	75	73	74	75	74	71	74	80	85	88	88	82
Income Bottom Third	65	60	53	54	56	64	62	65	67	73	72	70	64
Income Middle Third	71	66	57	57	62	65	64	64	68	74	74	76	73
Income Top Third	78	74	67	72	74	76	71	75	78	82	85	82	76
Educ High School or Less	55	52	49	54	60	63	59	57	62	68	72	67	62
Educ Some College	59	55	50	49	50	54	56	62	65	68	64	69	66
Educ College Degree	84	79	70	72	75	79	76	76	79	84	88	86	81
Democrat	104	100	88	91	93	103	98	102	99	103	102	104	102
Independent	63	59	54	54	59	61	61	62	67	73	74	70	64
Republican	48	41	39	38	40	42	41	41	45	51	54	55	50

The question was: "Looking ahead, which would you say is more likely -- that in the country as a whole we'll have continuous good times during the next 5 years or so, or that we will have periods of widespread unemployment or depression, or what?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 29: BUSINESS CONDITIONS EXPECTED DURING THE NEXT FIVE YEARS

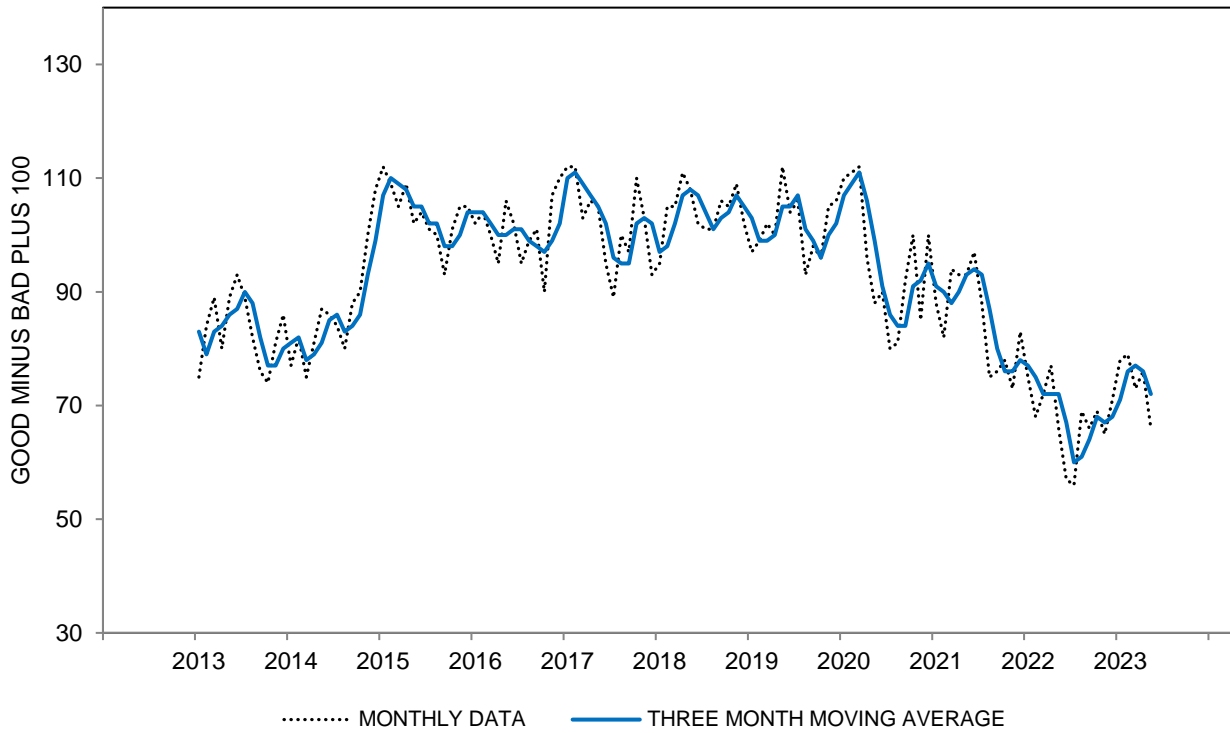


CHART 29: BUSINESS CONDITIONS EXPECTED DURING THE NEXT FIVE YEARS

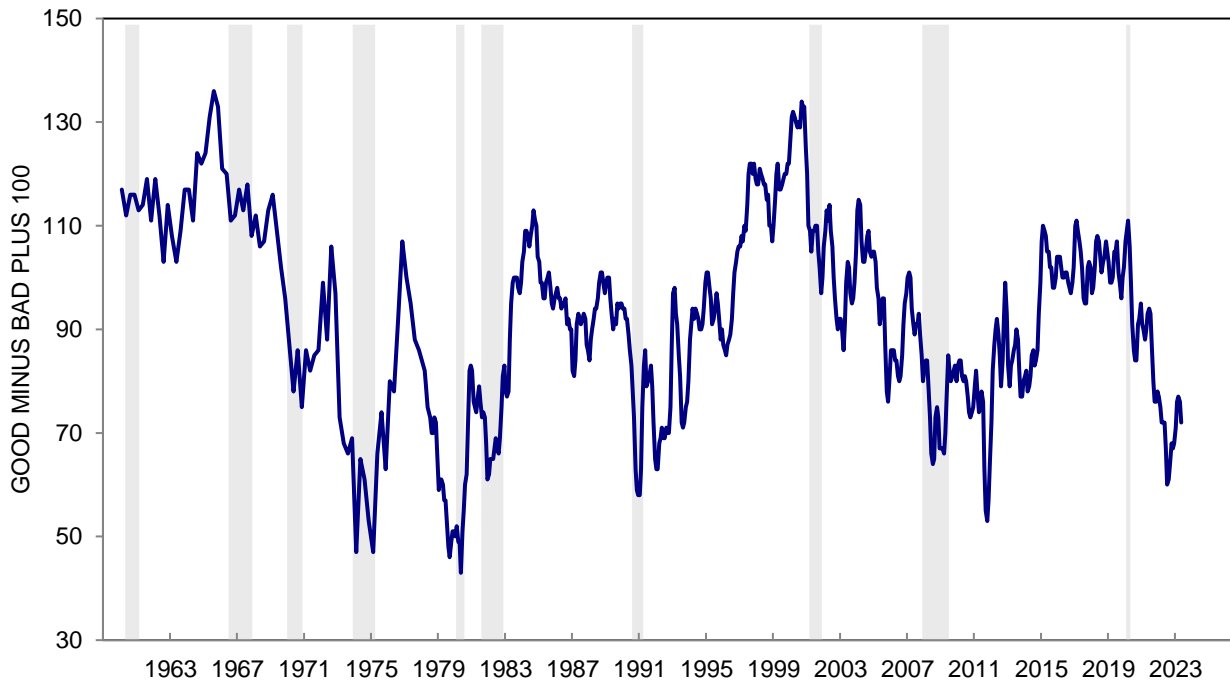


TABLE 30

EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
LESS	25%	22%	15%	20%	23%	16%	14%	16%	16%	15%	16%	15%	12%
SAME	46	44	45	45	42	43	44	38	42	44	47	40	45
MORE	29	32	38	34	35	39	41	45	41	40	37	44	42
DK, NA	*	2	2	1	*	2	1	1	1	1	*	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	96	90	77	86	88	77	73	71	75	75	79	71	70

**EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	104	98	88	84	84	84	79	74	73	74	76	75	73
Age 18 to 44	107	100	89	81	78	81	80	76	74	74	73	70	69
Age 45 to 64	97	94	84	84	83	82	73	66	64	68	76	77	76
Age 65+	110	101	92	90	94	90	85	79	82	80	81	79	77
Income Bottom Third	107	104	93	89	85	89	87	85	81	82	85	86	82
Income Middle Third	99	96	86	85	86	85	78	70	71	73	76	75	76
Income Top Third	105	98	86	81	80	78	71	66	65	67	68	65	63
Educ High School or Less	98	96	87	85	83	84	77	75	76	81	83	82	78
Educ Some College	96	94	83	81	80	81	78	74	74	75	76	76	74
Educ College Degree	110	102	91	86	86	85	81	73	71	70	73	71	71
Democrat	134	126	112	109	110	110	104	95	91	90	93	97	98
Independent	99	95	85	81	80	79	75	71	70	72	75	72	67
Republican	77	73	66	63	64	65	61	56	56	57	57	55	56

The question was: "How about people out of work during the coming 12 months -- do you think that there will be more unemployment than now, about the same, or less?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 30: EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR

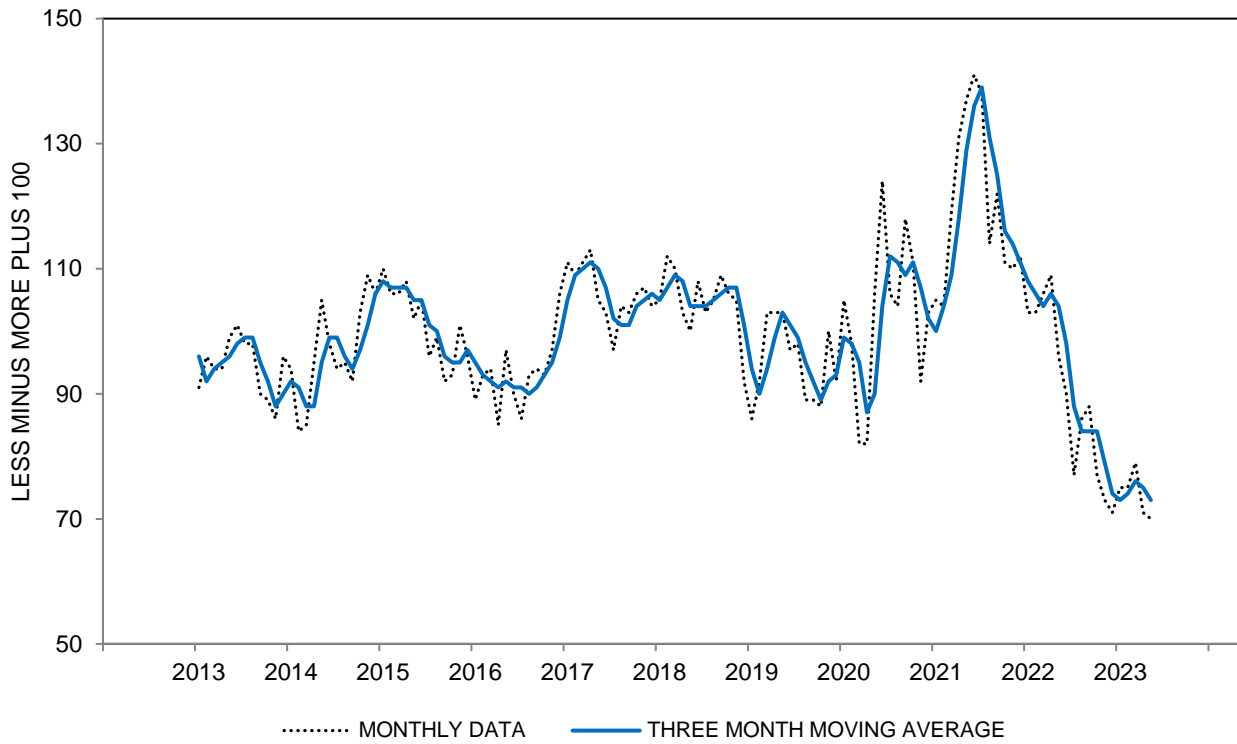


CHART 30: EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR

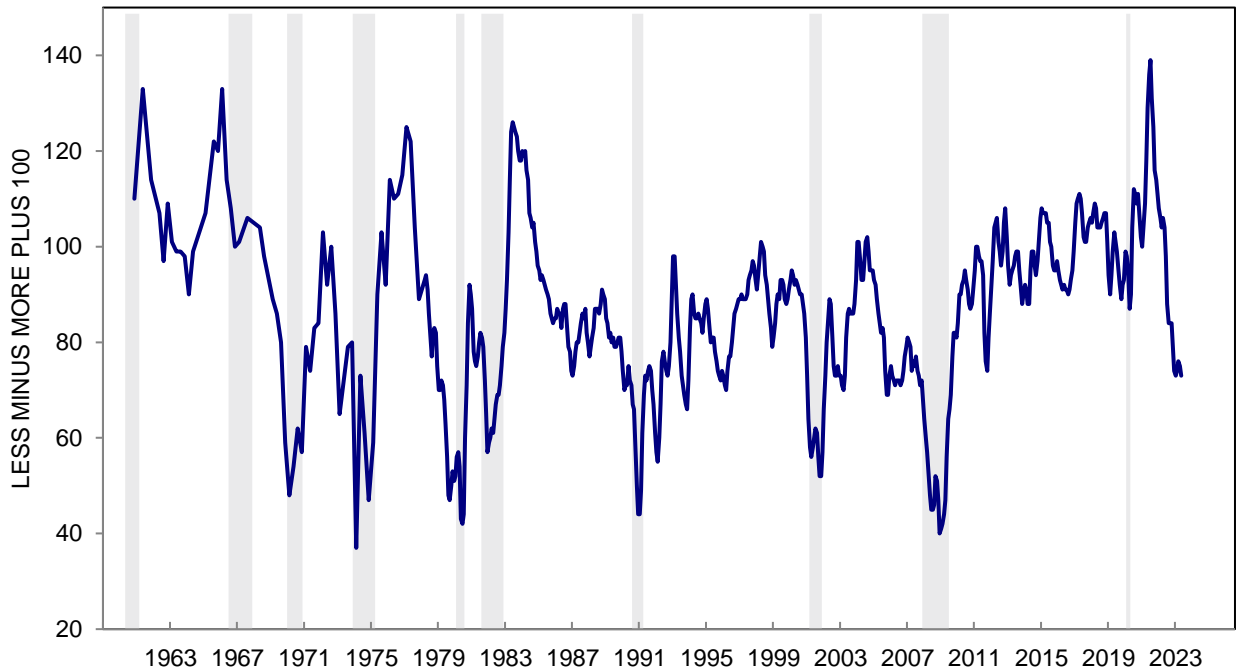


TABLE 31

EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GO UP	87%	86%	85%	81%	82%	81%	79%	74%	70%	67%	72%	70%	67%
STAY THE SAME	9	9	9	12	10	11	12	15	18	20	16	19	21
GO DOWN	4	4	5	6	6	7	8	11	11	11	11	10	11
DK, NA	*	1	1	1	2	1	1	*	1	2	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	17	18	20	25	24	26	29	38	41	44	39	40	44

**EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	17	17	18	21	23	25	26	31	36	41	41	41	41
Age 18 to 44	19	19	21	24	27	28	27	31	35	41	41	42	42
Age 45 to 64	15	14	15	18	22	26	27	30	34	39	42	41	43
Age 65+	16	18	19	20	19	20	24	31	40	42	41	39	38
Income Bottom Third	25	26	23	23	24	29	31	35	35	37	38	40	39
Income Middle Third	14	13	17	22	24	23	22	27	35	42	42	40	39
Income Top Third	10	10	14	17	19	22	24	31	38	44	44	43	44
Educ High School or Less	19	18	17	17	21	24	29	31	36	38	39	36	35
Educ Some College	19	17	19	23	27	27	27	29	31	35	35	38	38
Educ College Degree	14	16	19	21	21	23	24	32	39	46	47	46	46
Democrat	21	21	24	28	29	33	36	47	53	61	61	58	53
Independent	19	17	18	20	23	25	26	28	32	36	36	38	41
Republican	10	11	12	13	12	13	14	17	22	26	28	27	27

The question was: "No one can say for sure, but what do you think will happen to interest rates for borrowing money during the next 12 months -- will they go up, stay the same, or go down?"

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 31: EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

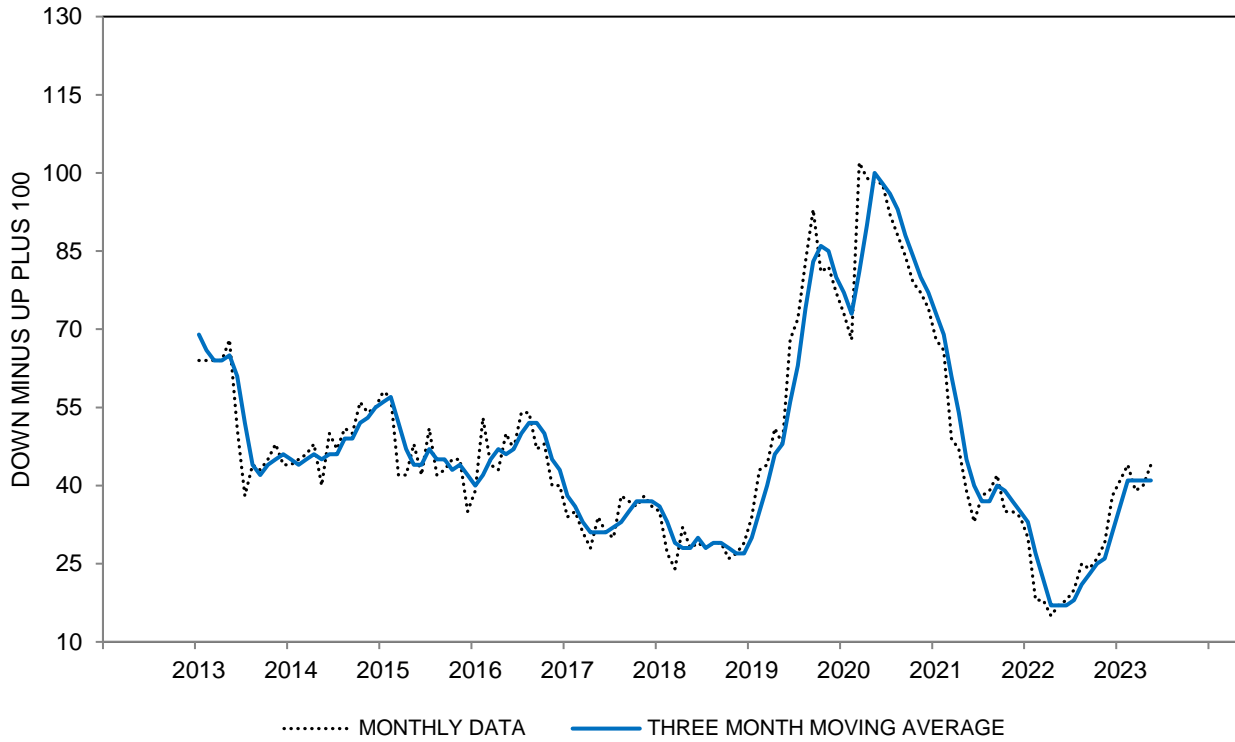


CHART 31: EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

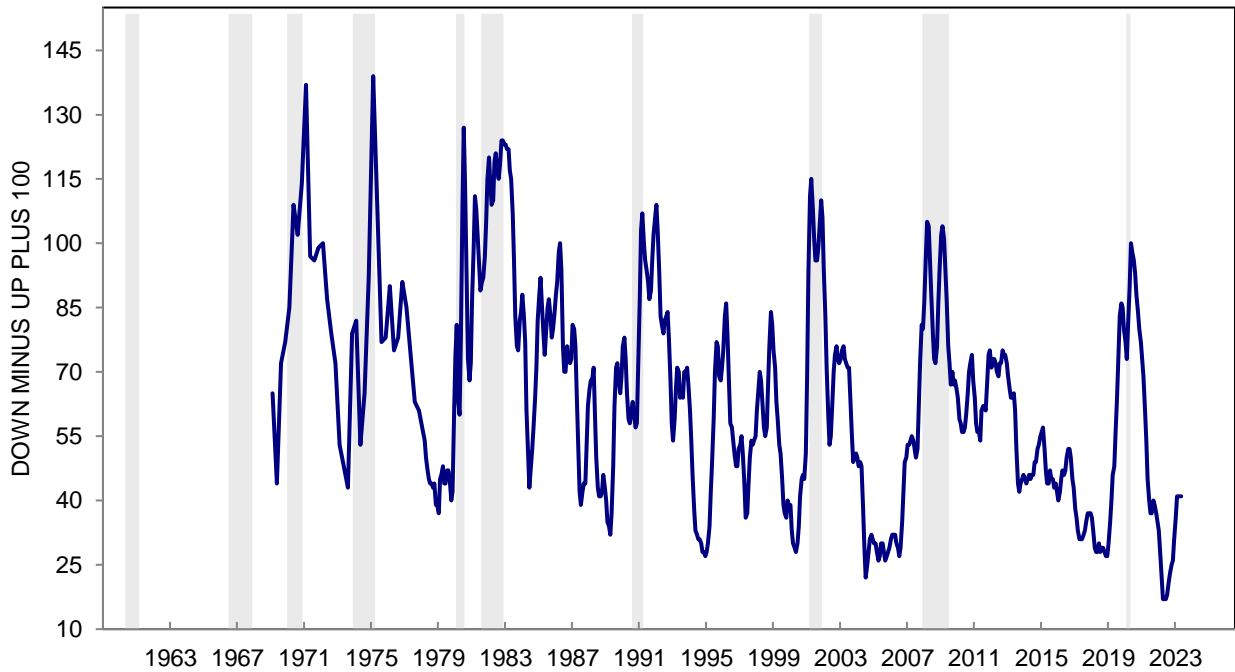


TABLE 32

EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
DOWN	6%	4%	5%	10%	9%	7%	8%	10%	7%	8%	11%	8%	6%
SAME	8	7	10	14	15	12	13	13	19	16	15	15	14
WILL GO UP BY:													
1-2%	8	7	7	8	9	8	7	9	10	10	10	10	11
3-4%	14	14	15	12	13	13	15	18	17	16	16	13	20
5%	14	19	17	14	16	15	15	14	12	15	17	17	15
6-9%	15	14	13	13	9	11	13	10	10	7	9	11	10
10-14%	16	14	13	12	10	13	11	10	13	14	8	10	9
15% or more	13	17	16	13	15	16	15	14	10	10	11	11	11
DK how much up	5	3	3	3	3	4	3	2	2	3	3	4	4
DK, NA	1	1	1	1	1	1	*	*	*	1	*	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
MEDIAN INCREASE	5.3	5.3	5.2	4.8	4.7	5.0	4.9	4.4	3.9	4.1	3.6	4.6	4.2
25th PERCENTILE	2.8	3.1	2.7	0.8	0.6	1.9	1.9	1.0	0.4	0.7	0.4	0.9	1.7
75th PERCENTILE	9.9	10.1	10.0	9.6	9.6	9.9	9.7	9.1	8.5	9.1	6.8	7.9	7.4
INTERQUARTILE RANGE (75th-25th)	7.1	7.0	7.3	8.8	9.0	8.1	7.8	8.1	8.0	8.4	6.4	7.0	5.7
MEAN INCREASE	7.4	8.2	8.2	6.5	6.4	7.3	7.3	6.6	5.8	5.9	5.5	6.6	6.3
VARIANCE	78	86	112	85	93	92	111	111	77	81	89	107	90

**EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR - MEDIAN INCREASE
THREE MONTH MOVING AVERAGES**

All	5.4	5.3	5.3	5.1	4.9	4.8	4.9	4.8	4.4	4.1	3.9	4.1	4.1
Age 18 to 44	5.1	5.2	5.2	5.1	4.9	4.8	4.7	4.7	4.3	4.2	3.8	4.2	4.2
Age 45 to 64	5.9	5.5	5.4	5.2	5.0	4.8	4.9	4.8	4.7	4.2	4.3	4.0	4.3
Age 65+	5.4	5.6	5.4	5.1	4.9	5.0	5.1	4.9	4.3	4.1	3.8	3.8	3.5
Income Bottom Third	5.8	5.9	5.3	5.4	5.1	5.1	5.1	4.9	4.7	4.5	4.7	4.8	4.8
Income Middle Third	5.3	5.4	5.5	5.2	4.9	4.7	4.8	4.7	4.3	4.1	3.9	4.2	4.3
Income Top Third	5.3	5.2	5.1	4.9	4.3	4.4	4.4	4.7	4.3	4.0	3.5	3.8	3.6
Educ High School or Less	6.5	6.9	6.4	6.0	5.3	6.1	6.4	6.1	4.6	4.1	4.1	4.6	4.9
Educ Some College	6.1	5.5	5.3	5.2	5.0	4.9	5.0	5.0	5.0	4.9	4.6	4.6	4.6
Educ College Degree	5.1	5.1	5.1	4.9	4.4	4.3	4.3	4.4	4.0	3.6	3.4	3.6	3.6
Democrat	4.2	4.3	4.1	3.8	2.9	2.6	2.7	3.0	2.7	2.5	2.2	2.5	2.6
Independent	5.5	5.6	5.6	5.4	5.1	5.0	5.1	4.9	4.8	4.6	4.5	4.5	4.4
Republican	7.7	7.8	7.4	6.9	6.2	6.4	6.5	6.5	5.8	5.2	5.0	5.0	5.0

The questions were: "During the next 12 months, do you think that prices in general will go up, or go down, or stay where they are now?" and "By about what percent do you expect prices to go up, on the average, during the next 12 months?"

*: Less than half of one percent.

CHART 32: EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

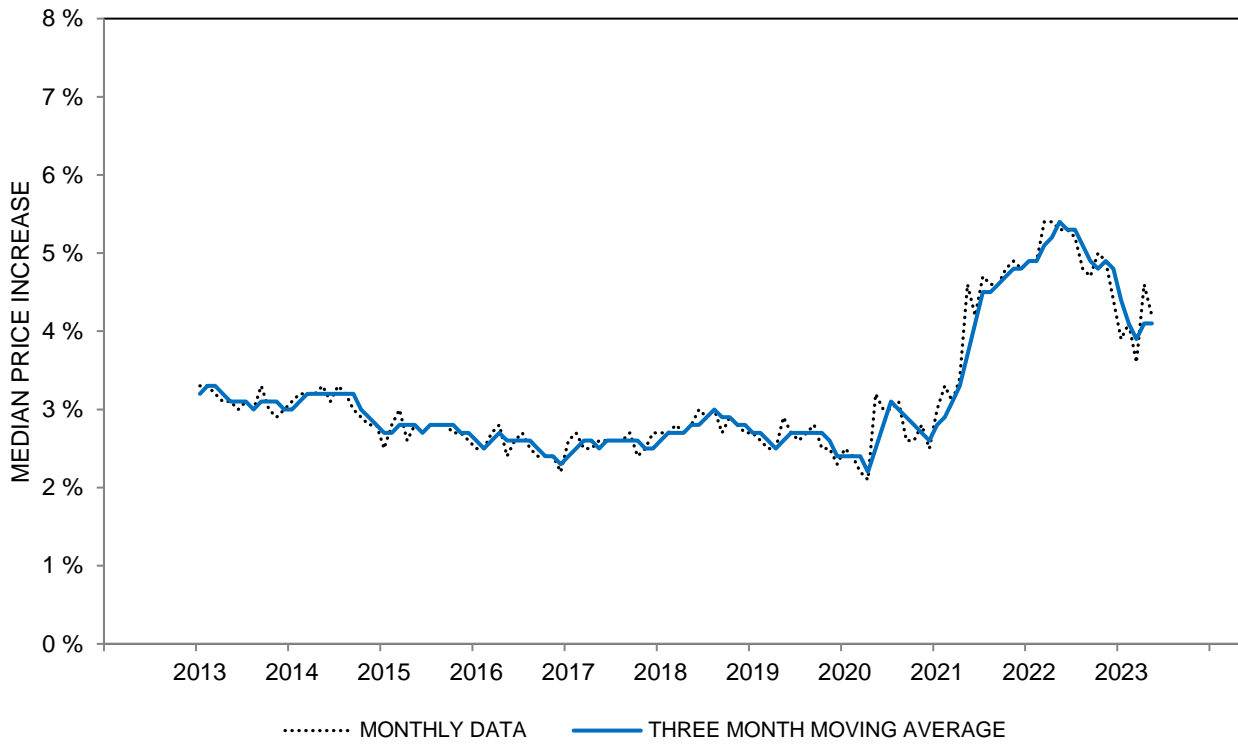


CHART 32: EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

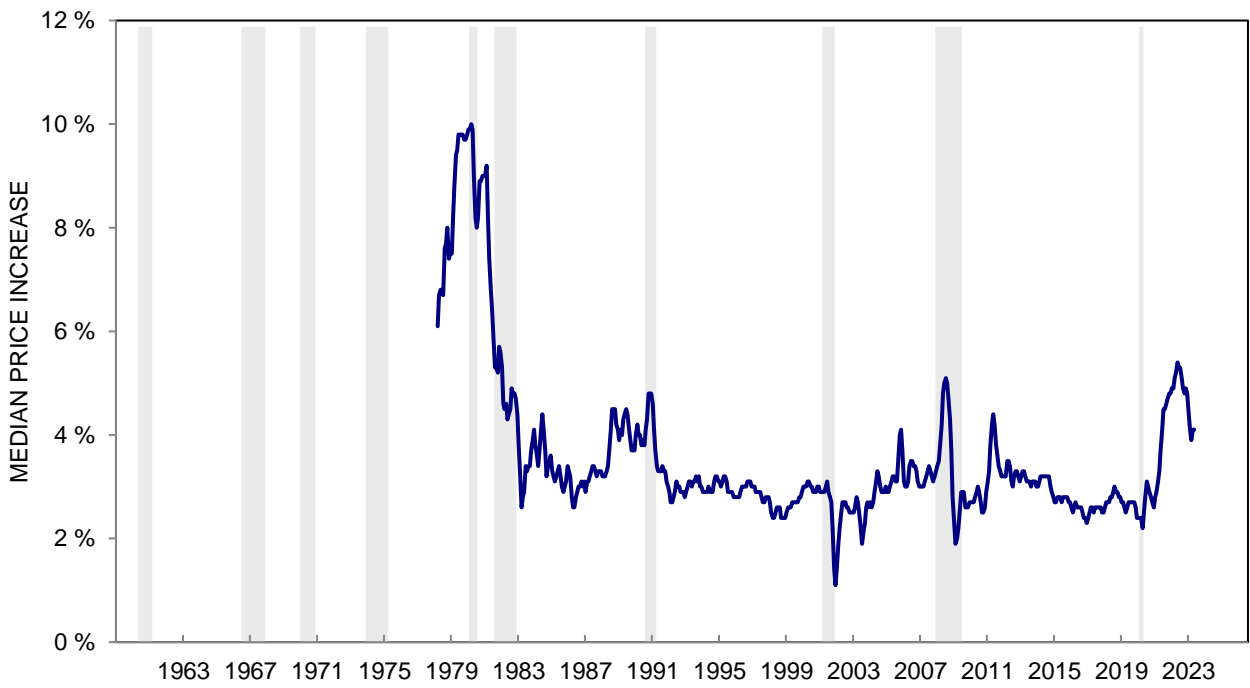


TABLE 33

EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
DOWN	12%	17%	18%	13%	14%	15%	14%	12%	11%	11%	12%	9%	10%
SAME	6	5	8	6	8	7	8	6	6	6	6	5	6
WILL GO UP BY:													
1-2%	19	17	15	20	22	17	17	21	22	22	22	24	19
3-4%	22	21	22	25	20	27	26	27	27	28	24	27	29
5%	14	16	14	14	11	10	11	12	15	10	15	12	12
6-9%	7	6	7	3	4	7	6	5	5	6	6	5	6
10-14%	8	5	5	7	8	5	7	5	4	5	4	6	5
15% or more	3	6	4	4	5	5	5	6	5	5	5	5	6
DK how much up	6	4	3	5	4	5	4	4	3	4	3	4	4
DK, NA	3	3	4	3	4	2	2	2	2	3	3	3	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
MEDIAN INCREASE	3.0	3.1	2.9	2.9	2.7	2.9	3.0	2.9	2.9	2.9	2.9	3.0	3.1
25th PERCENTILE	1.2	0.8	0.3	1.0	0.6	0.8	0.8	1.1	1.3	1.2	1.1	1.4	1.3
75th PERCENTILE	5.2	5.2	5.0	4.8	5.0	4.9	5.1	4.9	4.9	4.8	5.0	4.9	5.0
INTERQUARTILE RANGE (75th-25th)	4.0	4.4	4.7	3.9	4.4	4.1	4.2	3.9	3.6	3.5	3.9	3.5	3.7
MEAN INCREASE	3.5	4.0	3.4	3.8	3.5	3.8	4.0	4.3	3.8	4.0	3.9	4.3	4.3
VARIANCE	26	47	46	41	37	53	54	57	43	48	54	57	48

**EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS - MEDIAN INCREASE
THREE MONTH MOVING AVERAGES**

All	3.0	3.0	3.0	3.0	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.9	3.0
Age 18 to 44	3.0	3.1	3.1	3.0	2.8	2.8	2.9	3.0	2.9	2.9	2.9	3.0	3.1
Age 45 to 64	2.9	2.9	3.0	2.8	2.8	2.8	3.0	3.0	3.1	3.0	2.9	2.8	2.9
Age 65+	3.0	3.0	2.8	2.9	2.9	2.9	2.8	2.9	2.9	2.9	2.9	2.8	2.9
Income Bottom Third	3.2	3.4	3.2	3.4	3.2	3.1	3.1	3.1	3.3	3.1	3.2	3.2	3.4
Income Middle Third	3.0	3.1	3.0	2.9	2.6	2.6	2.7	2.9	2.9	2.8	2.8	2.8	2.9
Income Top Third	2.8	2.7	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.8	2.8
Educ High School or Less	3.2	3.8	3.6	3.6	3.3	3.4	3.6	3.5	3.4	3.1	3.1	3.2	3.7
Educ Some College	3.0	3.0	3.0	3.0	2.8	2.8	2.9	3.0	3.0	3.1	3.0	3.0	3.1
Educ College Degree	2.9	2.9	2.9	2.8	2.7	2.7	2.7	2.8	2.9	2.8	2.8	2.7	2.8
Democrat	2.6	2.6	2.7	2.7	2.6	2.5	2.6	2.7	2.7	2.5	2.5	2.5	2.7
Independent	3.1	3.2	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.1	3.1
Republican	3.2	3.2	3.1	3.0	2.9	3.0	3.0	3.1	3.2	3.2	3.1	3.1	3.2

The questions were: "What about the outlook for prices over the next 5 to 10 years? Do you think prices will be higher, about the same, or lower, 5 to 10 years from now?" and "By about what percent per year do you expect prices to go (up/down) on the average, during the next 5 to 10 years?"

*: Less than half of one percent.

CHART 33: EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

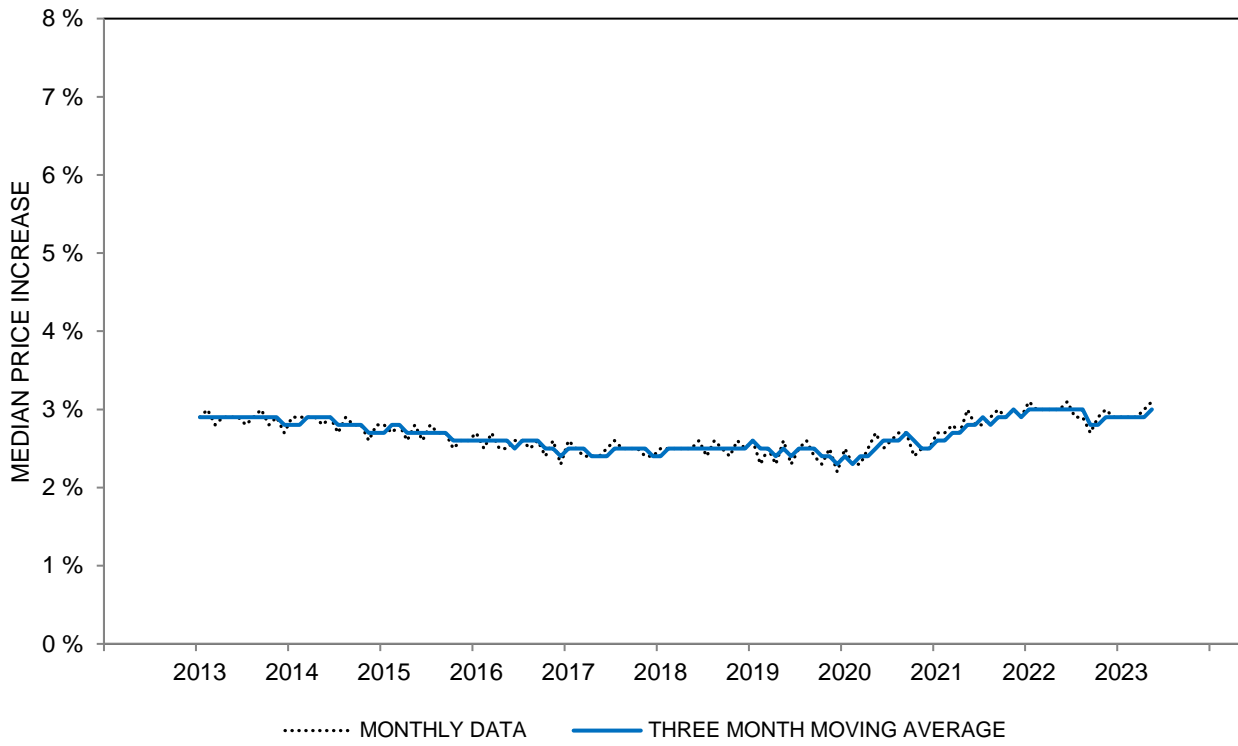


CHART 33: EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

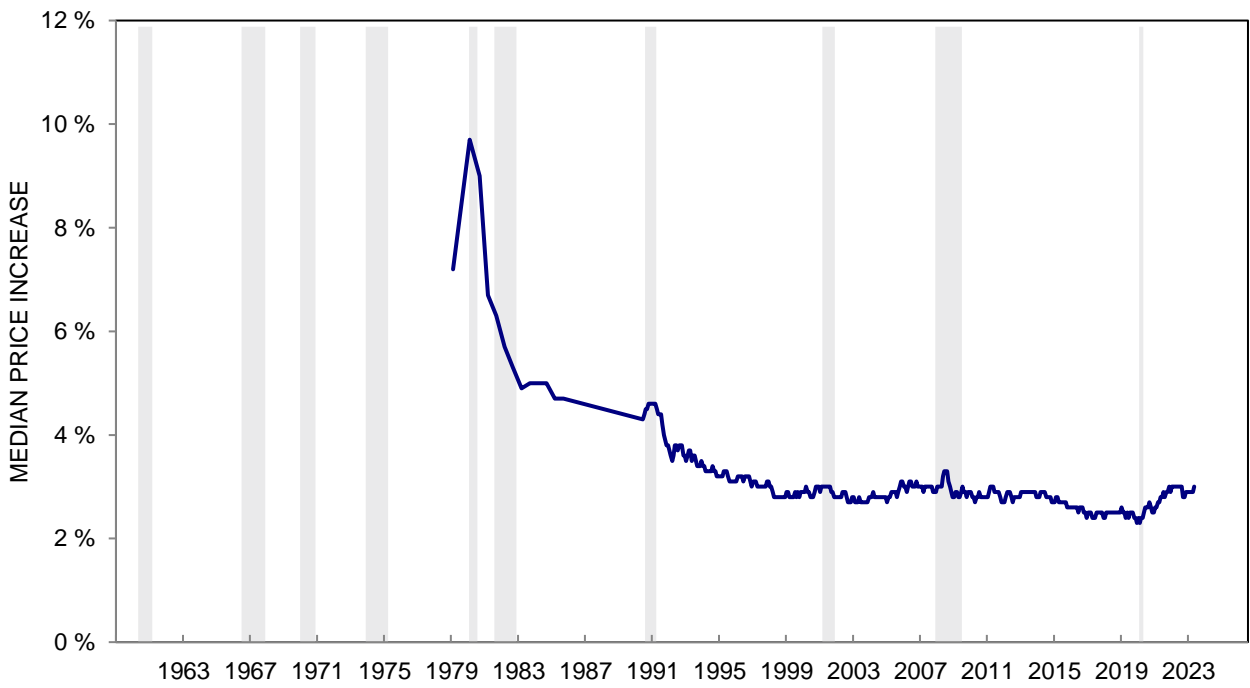


TABLE 34

OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
A GOOD JOB	15%	13%	12%	17%	19%	18%	16%	20%	21%	19%	20%	17%	14%
ONLY FAIR	32	32	32	33	32	35	33	32	33	37	33	36	32
A POOR JOB	52	52	55	48	48	46	49	46	45	43	45	45	52
DK, NA	1	3	1	2	1	1	2	2	1	1	2	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	63	61	57	69	71	72	67	74	76	76	75	72	62

**OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	67	65	60	62	66	71	70	71	72	75	76	74	70
Age 18 to 44	63	59	55	60	65	68	69	69	71	72	71	66	61
Age 45 to 64	63	62	54	56	60	67	64	65	65	72	72	75	69
Age 65+	79	79	77	75	75	80	79	80	82	84	87	86	85
Income Bottom Third	68	68	64	68	69	76	75	75	71	73	75	77	71
Income Middle Third	65	63	59	57	62	65	69	69	71	71	70	69	66
Income Top Third	68	65	59	64	67	71	67	71	75	82	82	79	74
Educ High School or Less	55	58	54	60	59	65	61	63	66	68	70	69	62
Educ Some College	58	52	50	49	55	59	62	60	58	58	57	60	55
Educ College Degree	76	74	68	70	74	79	78	81	83	87	88	86	83
Democrat	119	118	109	111	118	125	124	124	121	124	123	120	117
Independent	60	58	55	54	57	61	65	66	67	69	69	70	63
Republican	18	15	14	19	22	24	19	21	23	27	26	27	26

The question was: "As to the economic policy of the government -- I mean steps taken to fight inflation or unemployment -- would you say the government is doing a good job, only fair, or a poor job?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 34: OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

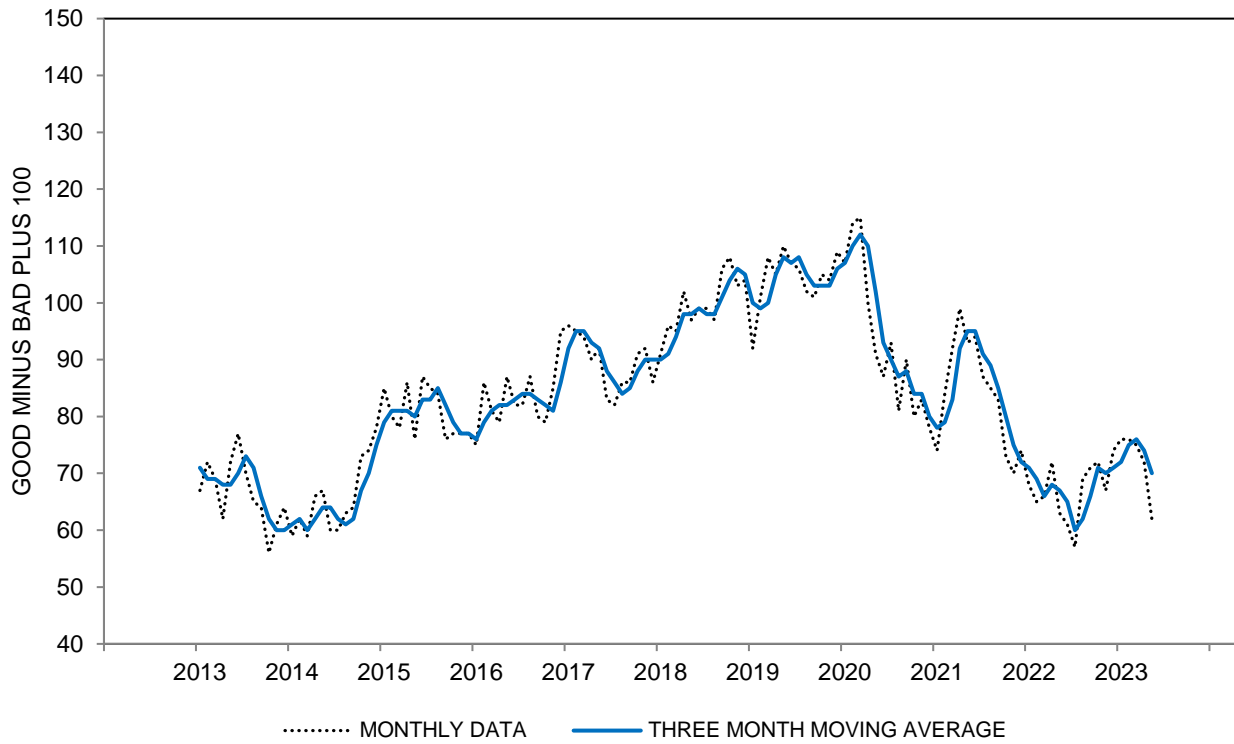


CHART 34: OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

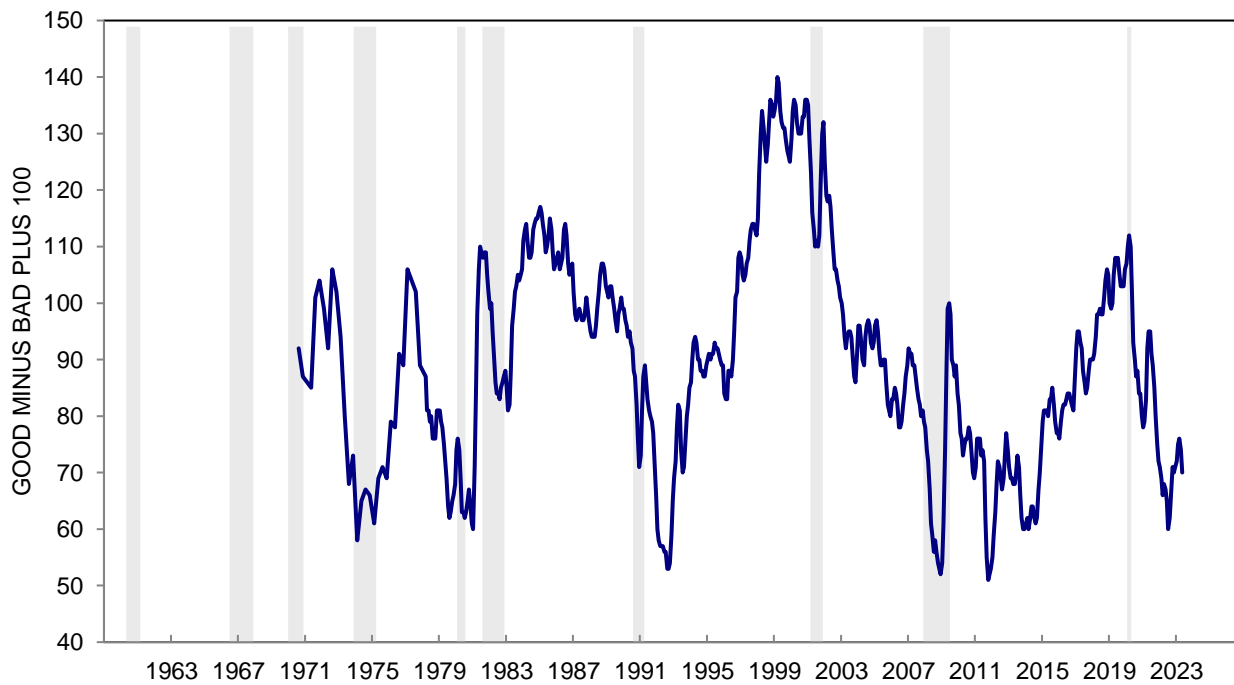


TABLE 35

BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO BUY	34%	30%	33%	32%	34%	42%	34%	36%	41%	42%	38%	43%	37%
UNCERTAIN, DEPENDS	3	5	7	5	5	6	5	5	5	6	6	5	7
BAD TIME TO BUY	63	65	60	63	61	52	61	59	54	52	56	52	56
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	71	65	73	69	73	90	73	77	87	90	82	91	81

**BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	77	72	70	69	72	77	79	80	79	85	86	88	85
Age 18 to 44	76	75	73	73	73	76	78	82	80	86	86	91	85
Age 45 to 64	73	64	61	60	63	70	72	74	73	78	79	79	81
Age 65+	83	78	77	78	84	89	87	83	83	93	98	95	91
Income Bottom Third	92	83	72	74	76	90	88	91	86	93	92	92	88
Income Middle Third	73	72	74	73	75	76	78	79	79	83	81	88	87
Income Top Third	64	60	62	63	66	68	71	72	73	79	86	83	80
Educ High School or Less	88	83	74	69	69	79	81	80	76	79	81	85	82
Educ Some College	84	75	73	74	77	83	84	87	81	86	86	92	94
Educ College Degree	68	66	66	67	71	74	75	75	78	87	90	87	81
Democrat	79	75	72	69	74	85	89	91	89	89	87	88	92
Independent	80	72	72	73	77	81	80	79	76	83	86	89	84
Republican	65	64	59	61	62	65	66	68	70	80	86	85	79

The question was: "About the big things people buy for their homes -- such as furniture, a refrigerator, stove, television, and things like that. Generally speaking, do you think now is a good time or a bad time for people to buy major household items?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 35: BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

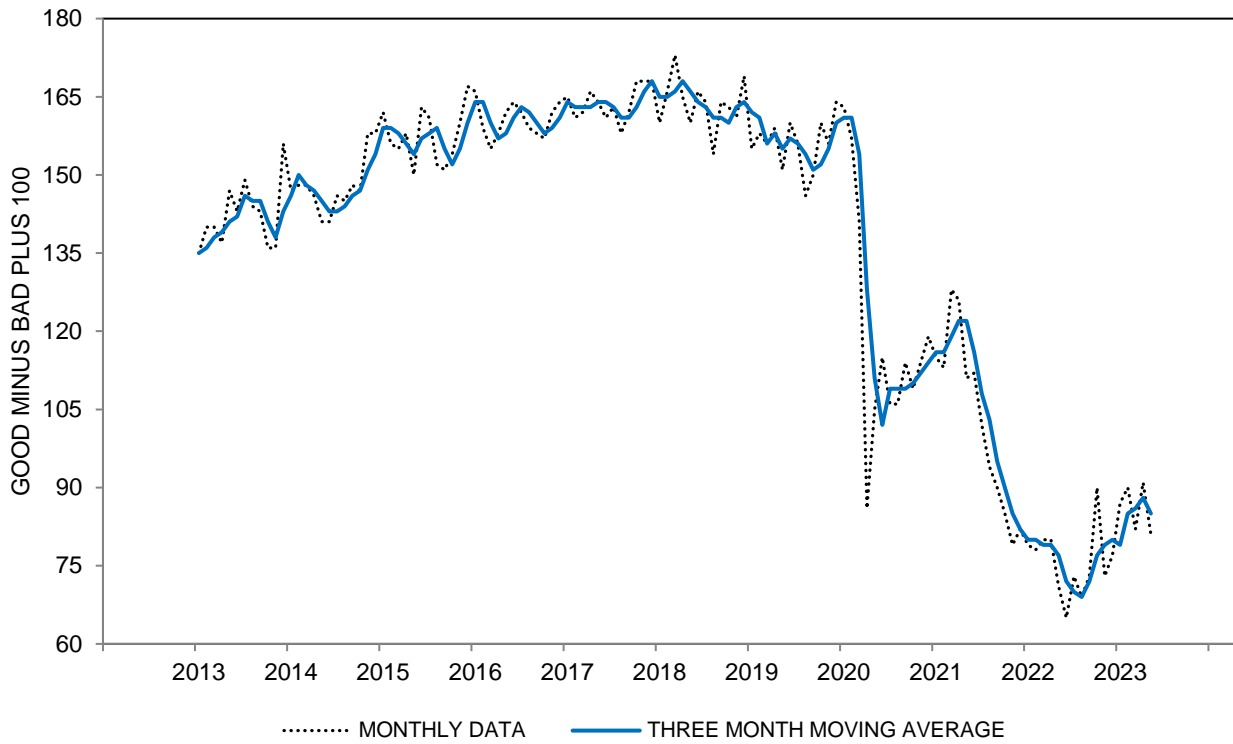


CHART 35: BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

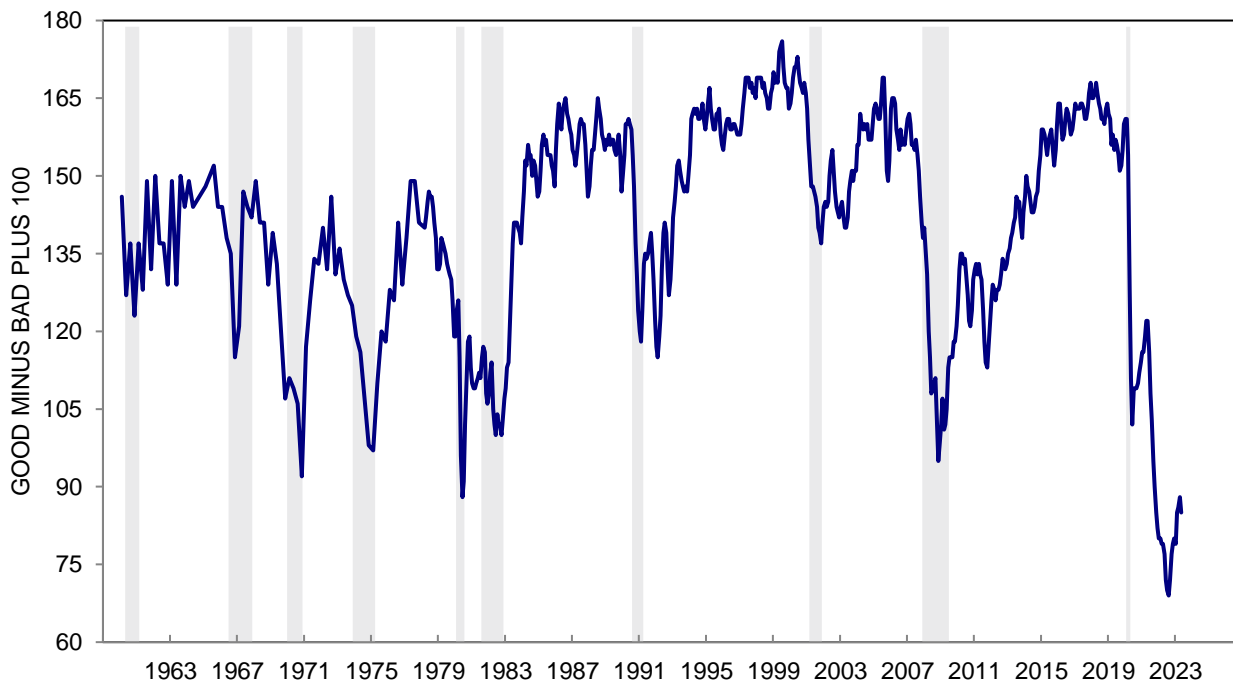


TABLE 36

**SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS
FOR LARGE HOUSEHOLD DURABLES**

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO BUY													
Prices are low; good buys available	12%	11%	11%	14%	15%	17%	17%	21%	18%	19%	16%	18%	20%
Prices won't come down; are going higher	11	11	11	10	10	13	9	9	10	12	12	11	9
Interest rates are low	2	1	1	2	1	1	1	1	1	2	2	1	1
Borrow-in-advance of rising interest rates	*	1	*	1	1	1	1	1	*	1	1	*	1
Times are good; prosperity	3	2	3	3	2	3	1	3	3	3	5	7	4
Supply Adequate	1	2	4	3	3	5	3	4	3	3	3	5	5
BAD TIME TO BUY													
Prices are high	44	44	44	50	41	38	45	43	37	33	38	30	39
Interest rates are high; credit is tight	2	5	6	5	8	4	7	10	7	9	11	13	11
Times are bad; can't afford to buy	5	6	8	8	8	7	8	6	11	10	14	9	11
Bad times ahead; uncertain future	8	11	11	10	11	10	12	12	9	11	12	12	11
Supply Inadequate	34	26	21	21	19	13	17	12	11	9	7	5	10

**SELECTED REASONS FOR OPINIONS ABOUT DURABLES BUYING CONDITIONS
PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)**

All	-30	-31	-33	-34	-32	-28	-25	-24	-23	-18	-18	-16	-18
Age 18 to 44	-29	-28	-31	-33	-35	-31	-29	-24	-25	-19	-21	-15	-18
Age 45 to 64	-32	-36	-37	-40	-35	-31	-26	-26	-26	-21	-20	-18	-20
Age 65+	-28	-28	-28	-27	-22	-18	-17	-20	-17	-13	-10	-12	-13
Income Bottom Third	-18	-20	-28	-27	-26	-15	-15	-15	-17	-14	-12	-10	-11
Income Middle Third	-32	-33	-31	-35	-30	-30	-25	-25	-24	-21	-22	-16	-16
Income Top Third	-42	-42	-40	-40	-38	-36	-32	-29	-27	-21	-21	-20	-24
Educ High School or Less	-21	-23	-27	-32	-30	-25	-22	-22	-20	-19	-16	-14	-17
Educ Some College	-26	-29	-31	-32	-30	-24	-20	-16	-21	-17	-18	-10	-9
Educ College Degree	-36	-35	-34	-36	-33	-31	-28	-29	-26	-20	-19	-20	-23
Democrat	-26	-25	-29	-35	-32	-24	-20	-18	-17	-14	-16	-13	-12
Independent	-29	-30	-30	-28	-28	-25	-23	-23	-23	-20	-19	-17	-18
Republican	-39	-41	-41	-41	-37	-37	-33	-33	-30	-19	-17	-16	-21

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

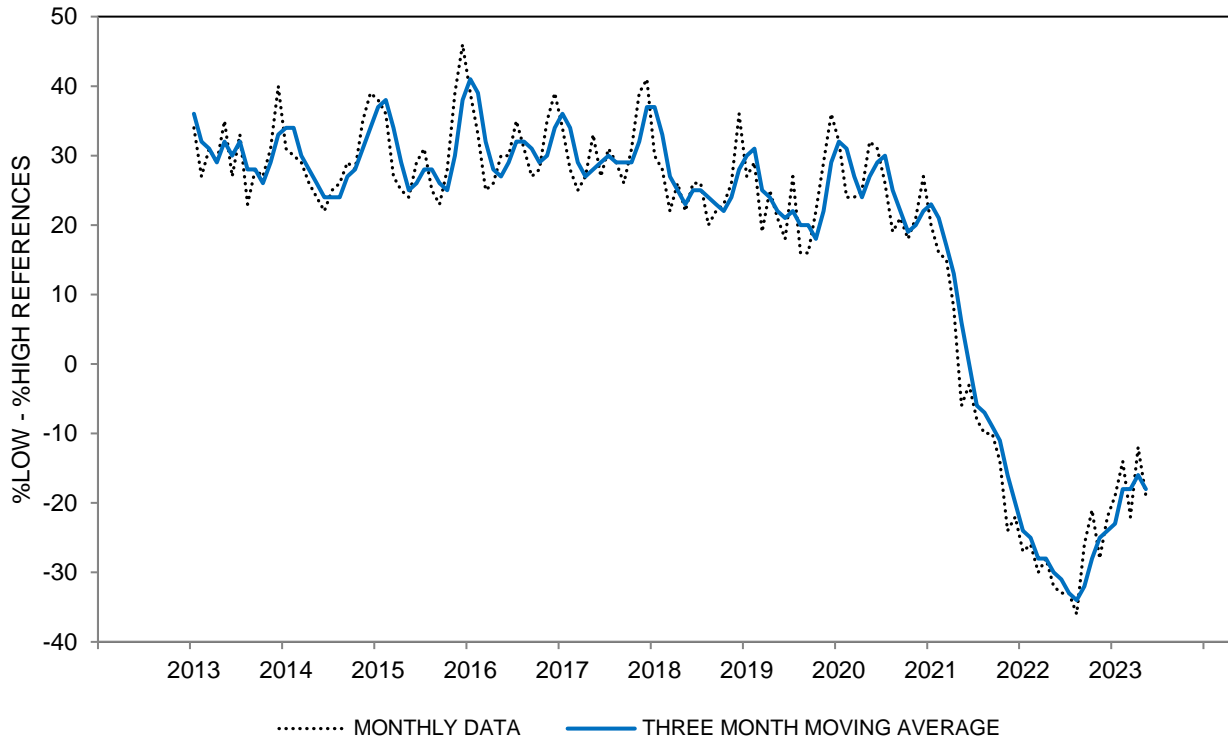
All	0	-2	-3	-4	-5	-4	-5	-6	-7	-7	-7	-9	-10
Age 18 to 44	1	-1	-2	-2	-3	-2	-3	-3	-5	-5	-6	-6	-7
Age 45 to 64	0	-1	-3	-4	-5	-4	-5	-8	-8	-10	-9	-12	-12
Age 65+	1	-1	-4	-5	-7	-7	-9	-9	-9	-8	-9	-11	-13
Income Bottom Third	0	-1	-1	-2	-4	-4	-5	-4	-5	-6	-7	-9	-8
Income Middle Third	1	-1	-3	-4	-5	-3	-5	-6	-8	-7	-7	-9	-11
Income Top Third	0	-2	-4	-5	-6	-6	-8	-9	-10	-10	-9	-11	-12
Educ High School or Less	0	-1	-3	-3	-5	-4	-5	-3	-4	-7	-8	-8	-7
Educ Some College	0	-1	0	-1	-3	-3	-6	-7	-9	-7	-6	-6	-9
Educ College Degree	0	-2	-4	-5	-6	-5	-6	-7	-7	-8	-9	-12	-13
Democrat	1	0	-2	-4	-6	-4	-5	-4	-6	-8	-10	-12	-11
Independent	1	-1	-3	-4	-5	-4	-4	-6	-8	-9	-7	-8	-10
Republican	0	-2	-4	-4	-6	-6	-8	-9	-8	-6	-6	-9	-10

Response to the query: "Why do you say so?" following the question on Table 35.

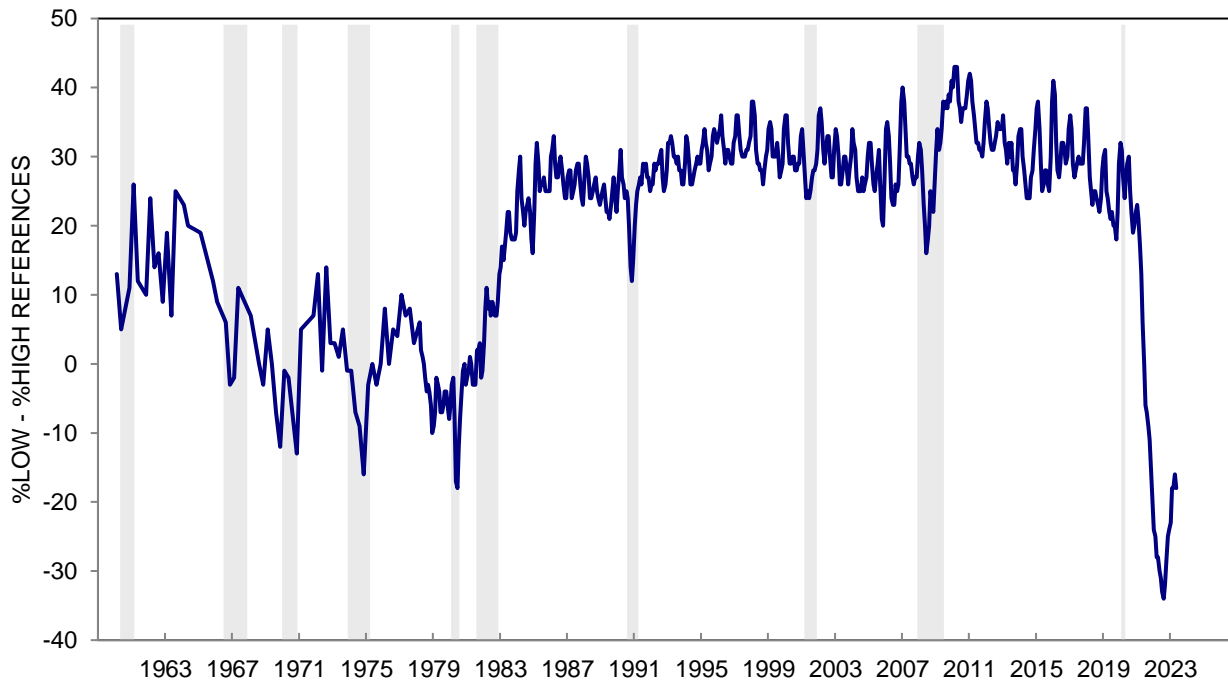
May add to more than 100% due to multiple mentions.

*: Less than half of one percent.

**CHART 36A: PRICE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW PRICES - %HIGH PRICES)**



**CHART 36A: PRICE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW PRICES - %HIGH PRICES)**



**CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES
(THREE MONTH MOVING AVERAGES)**

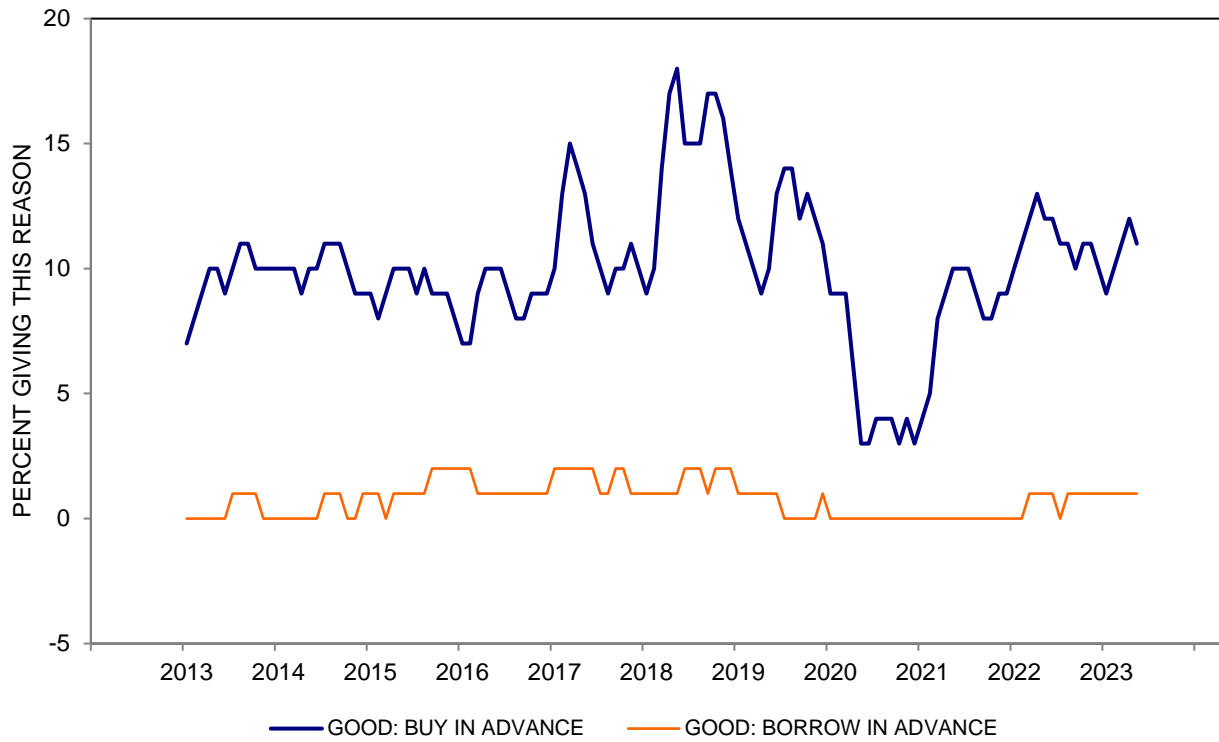
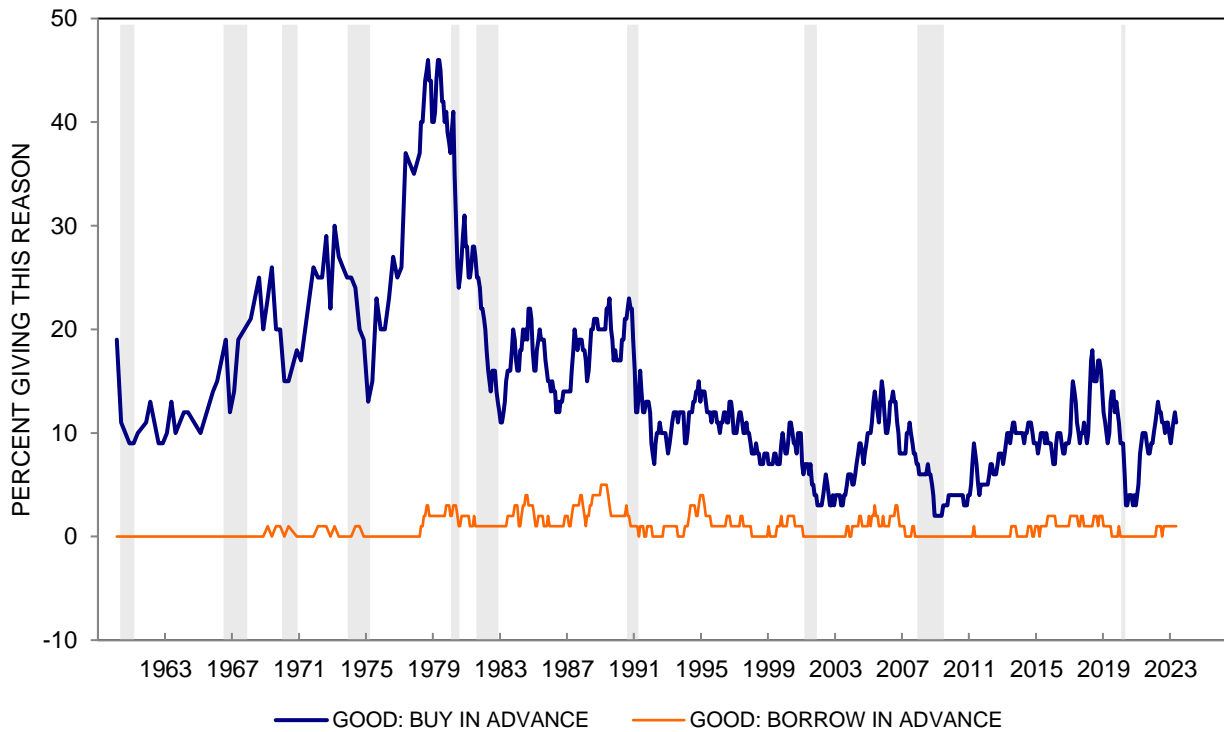
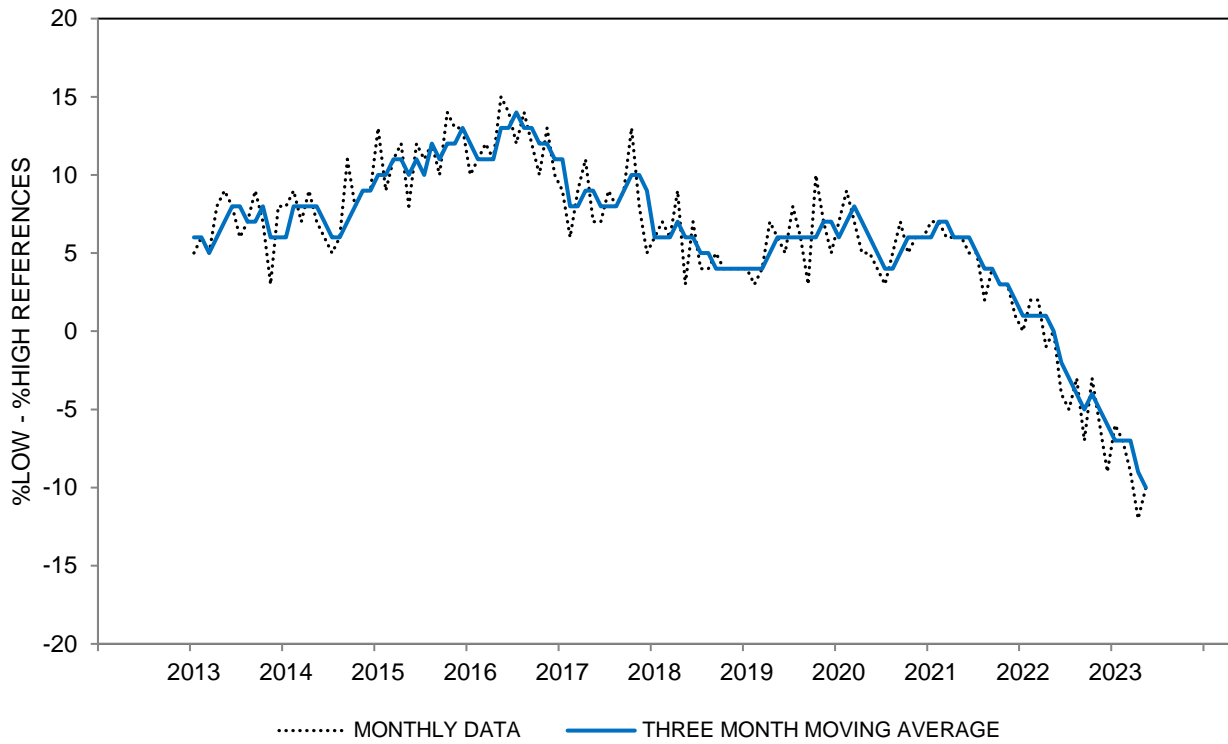


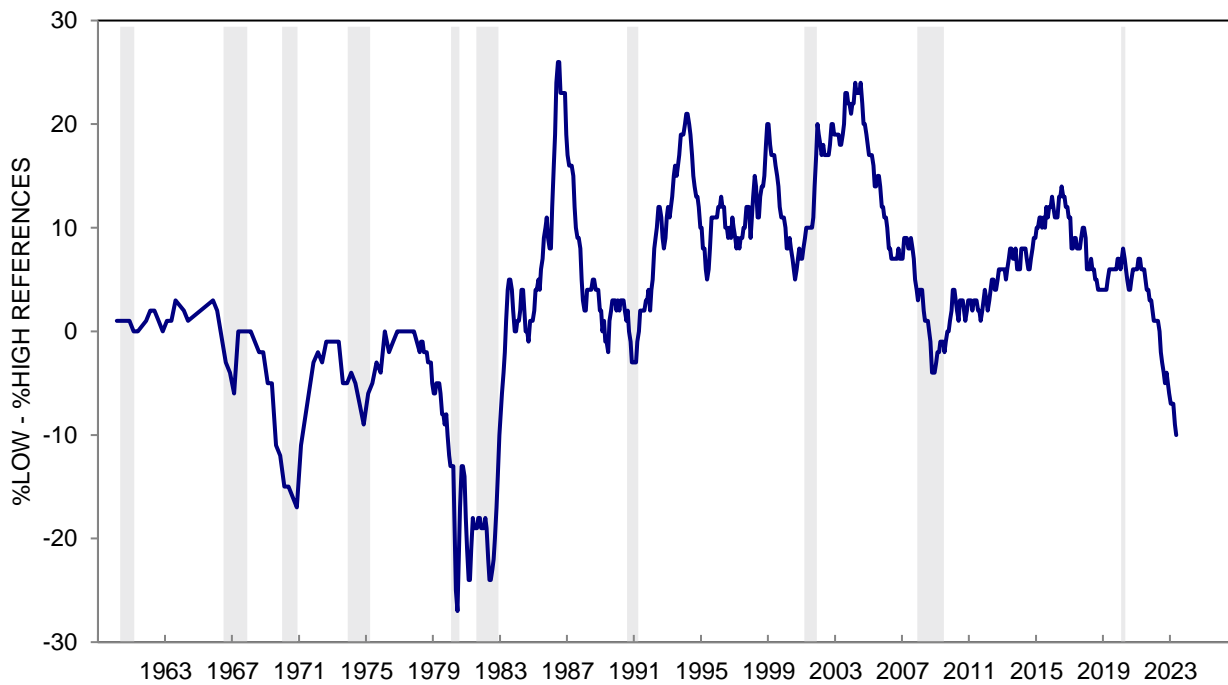
CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES



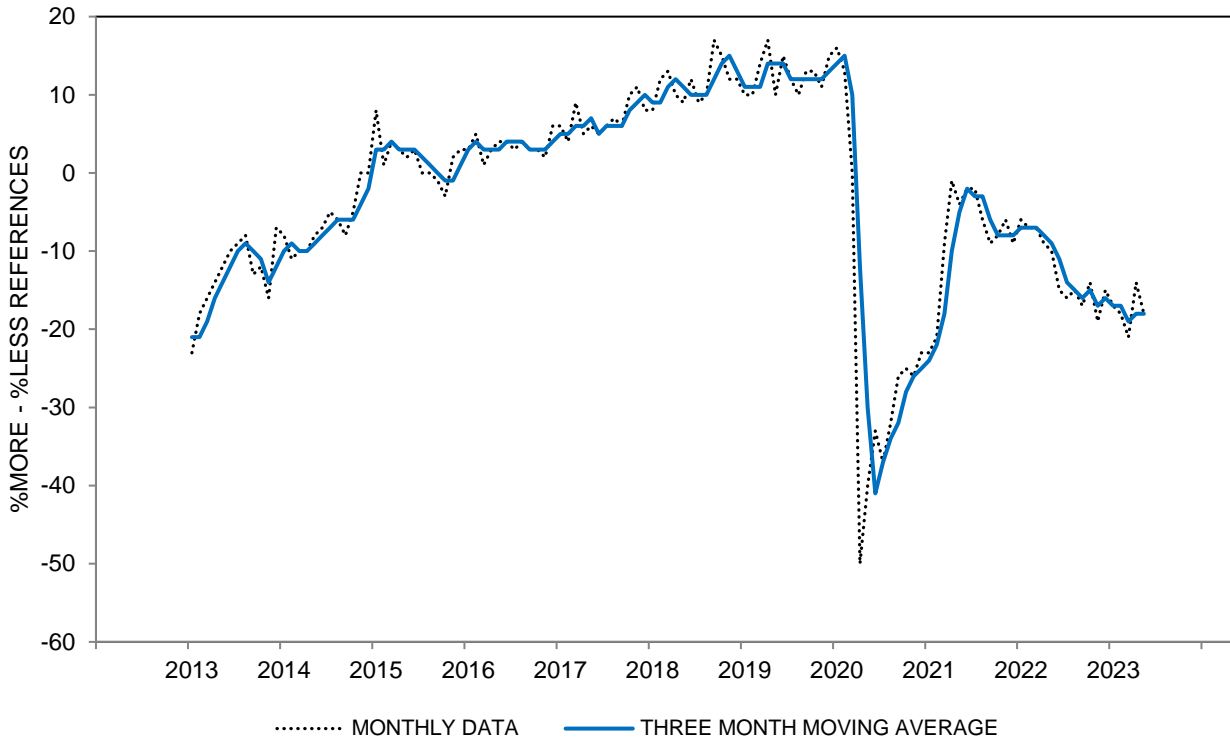
**CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



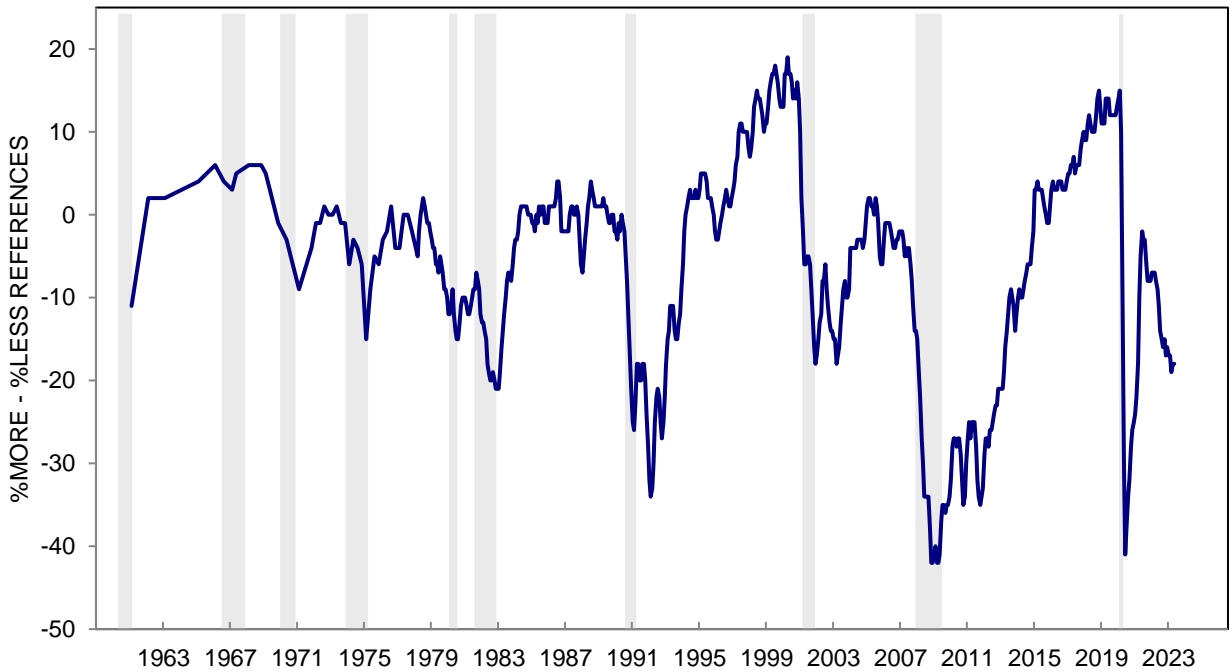
**CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



**CHART 36D: ECONOMIC CERTAINTY REASONS FOR LARGE HOUSEHOLD DURABLES
(%MORE CERTAINTY - %LESS CERTAINTY)**



**CHART 36D: ECONOMIC CERTAINTY REASONS FOR LARGE HOUSEHOLD DURABLES
(%MORE CERTAINTY - %LESS CERTAINTY)**



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TABLE 37

BUYING CONDITIONS FOR VEHICLES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO BUY	22%	16%	22%	19%	20%	24%	22%	25%	33%	31%	29%	29%	27%
UNCERTAIN, DEPENDS	2	3	3	4	3	6	3	2	3	5	3	4	4
BAD TIME TO BUY	76	81	75	77	77	70	75	73	64	64	68	67	69
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	46	35	47	42	43	54	47	52	69	67	61	62	58

**BUYING CONDITIONS FOR VEHICLES - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	48	43	43	41	44	46	48	51	56	63	66	63	60
Age 18 to 44	52	47	48	47	48	51	51	56	63	67	69	62	61
Age 45 to 64	40	35	35	37	40	42	44	45	50	57	60	61	56
Age 65+	56	48	46	39	43	45	48	50	53	63	70	69	66
Income Bottom Third	61	57	52	46	47	52	56	61	62	69	66	64	58
Income Middle Third	46	39	40	39	40	40	43	46	52	57	61	61	61
Income Top Third	39	32	36	41	46	48	46	47	53	62	69	63	59
Educ High School or Less	52	49	48	42	43	44	48	51	52	58	63	64	57
Educ Some College	52	44	42	37	41	43	50	53	60	66	64	63	59
Educ College Degree	45	40	40	43	44	48	46	49	56	63	69	63	62
Democrat	57	53	51	48	44	45	49	57	64	66	68	66	68
Independent	48	41	44	42	45	49	49	53	55	63	68	65	61
Republican	37	32	29	30	37	39	42	41	48	56	57	56	48

The question was: "Speaking now of the automobile market -- do you think the next 12 months or so will be a good time or a bad time to buy a new vehicle, such as a car, pickup, van, or sport utility vehicle?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 37: BUYING CONDITIONS FOR VEHICLES

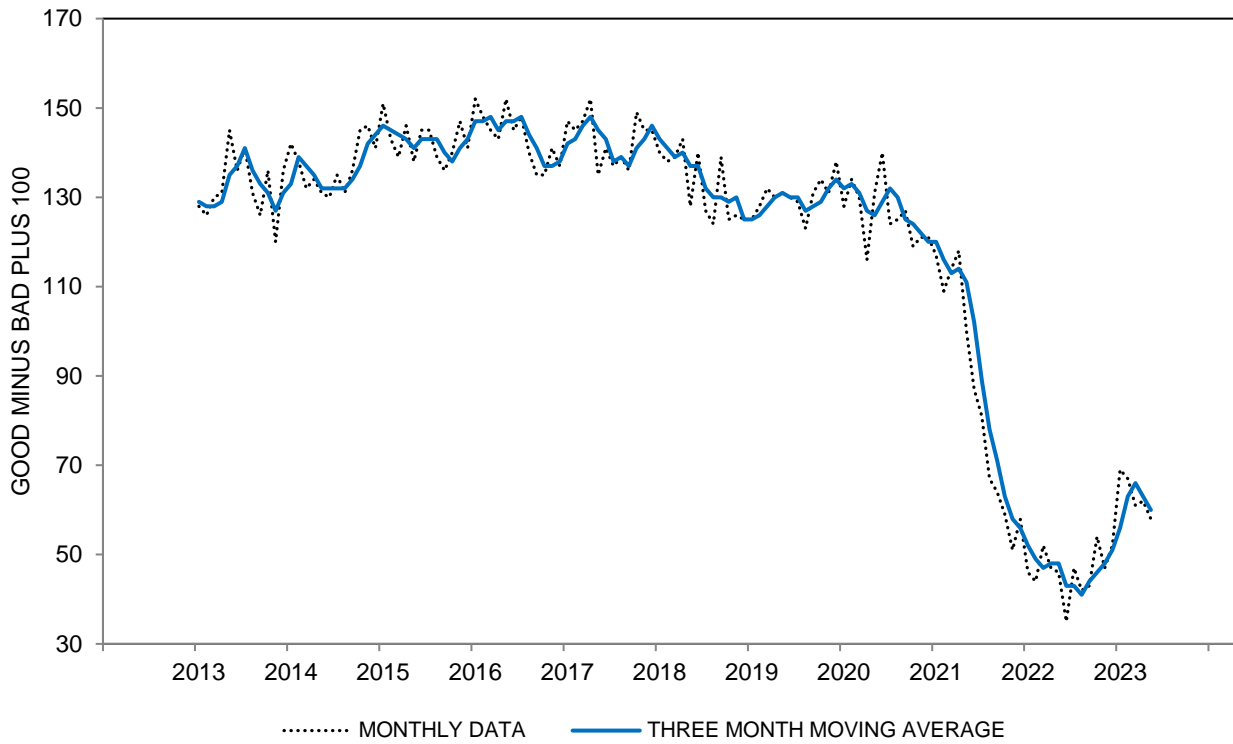


CHART 37: BUYING CONDITIONS FOR VEHICLES

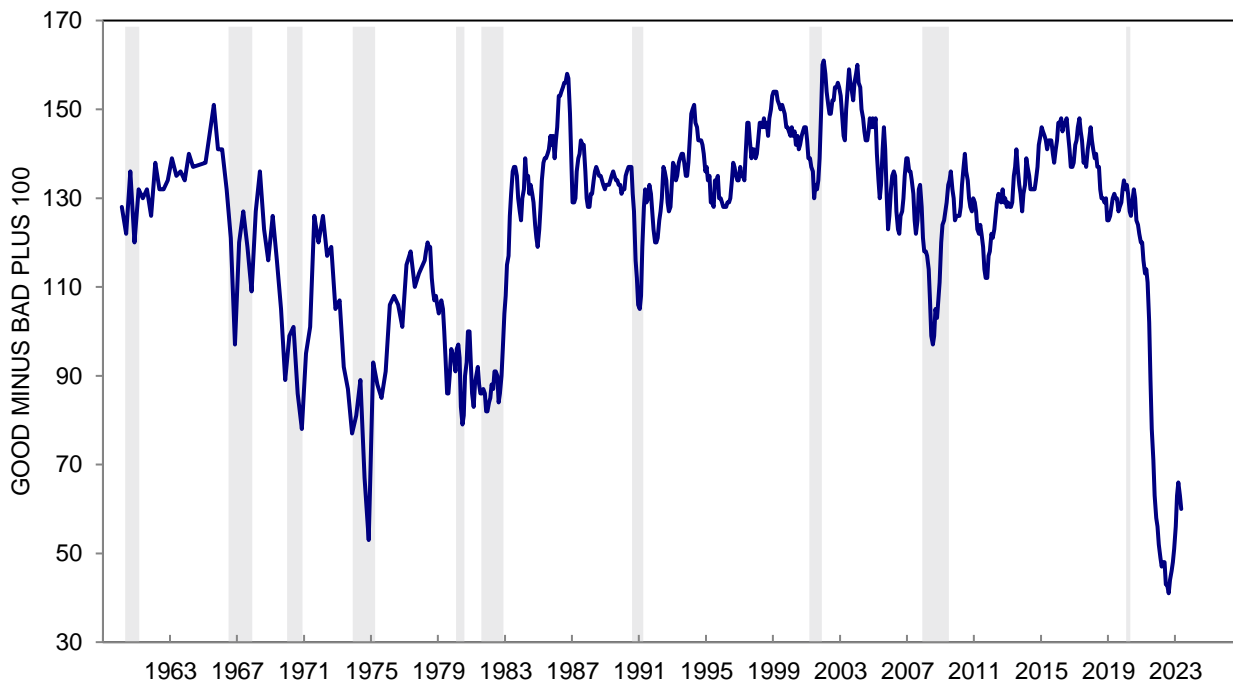


TABLE 38
SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR VEHICLES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO BUY													
Prices are low; good buys available	9%	7%	10%	8%	9%	9%	11%	12%	16%	16%	14%	13%	15%
Prices won't come down; are going higher	4	2	3	3	3	4	4	3	5	5	5	5	4
Interest rates are low	1	1	1	2	1	1	1	2	2	4	2	2	2
Borrow-in-advance of rising interest rates	1	1	1	1	1	2	1	1	1	1	1	1	1
Times are good; prosperity	3	2	2	2	1	2	2	1	4	2	3	3	2
New fuel efficient model	1	1	2	1	*	1	1	1	1	1	*	*	*
Supply Adequate	2	3	4	4	5	8	4	6	8	6	5	7	7
BAD TIME TO BUY													
Prices are high	58	63	58	54	57	53	52	48	47	43	49	44	49
Interest rates are high; credit is tight	9	12	15	18	16	16	23	28	25	23	26	25	26
Times are bad; can't afford to buy	3	5	6	8	6	6	7	7	8	7	10	6	11
Bad times ahead; uncertain future	3	3	5	4	4	4	3	7	3	6	5	6	4
Price of gas; shortages	4	9	6	5	4	2	5	3	2	1	1	1	2
Poor selection; quality	3	4	4	3	3	2	3	3	2	2	1	2	3
Supply Inadequate	41	33	30	29	25	22	25	18	12	13	11	9	10

SELECTED REASONS FOR OPINIONS ABOUT VEHICLE BUYING CONDITIONS
PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)

All	-48	-51	-51	-50	-47	-46	-44	-40	-36	-31	-31	-31	-33
Age 18 to 44	-43	-46	-46	-47	-47	-45	-44	-37	-32	-28	-29	-31	-33
Age 45 to 64	-55	-57	-56	-52	-46	-46	-43	-42	-37	-33	-31	-30	-34
Age 65+	-46	-49	-50	-52	-50	-49	-47	-43	-39	-33	-32	-30	-32
Income Bottom Third	-38	-39	-46	-46	-43	-39	-37	-34	-31	-28	-31	-33	-38
Income Middle Third	-51	-54	-50	-51	-50	-52	-50	-45	-41	-36	-36	-32	-32
Income Top Third	-56	-59	-56	-52	-49	-47	-45	-41	-34	-29	-25	-28	-31
Educ High School or Less	-50	-49	-48	-48	-46	-47	-45	-41	-38	-34	-33	-31	-33
Educ Some College	-44	-49	-50	-50	-45	-48	-45	-41	-36	-32	-36	-35	-38
Educ College Degree	-50	-52	-53	-51	-49	-45	-45	-41	-35	-30	-26	-28	-30
Democrat	-41	-43	-44	-49	-51	-49	-44	-36	-30	-26	-27	-27	-29
Independent	-49	-51	-49	-46	-44	-44	-44	-40	-38	-33	-31	-31	-33
Republican	-57	-61	-62	-57	-50	-47	-47	-46	-41	-36	-36	-36	-39

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

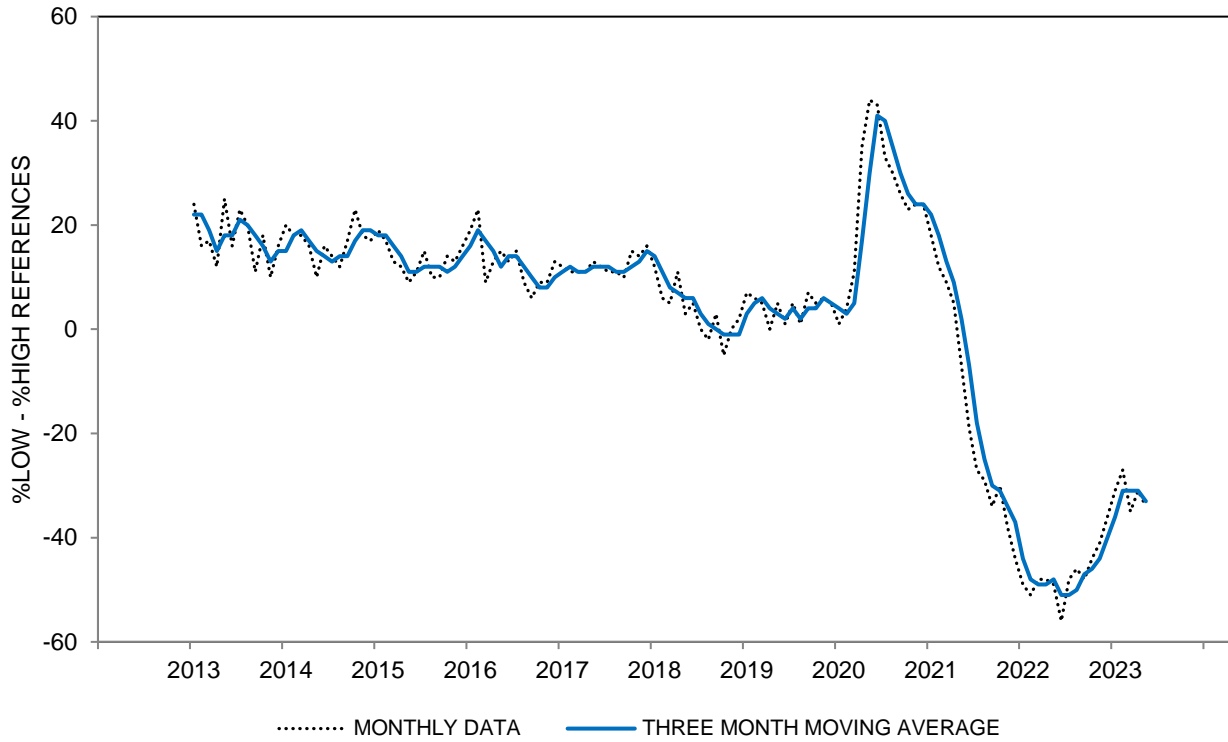
All	-5	-8	-11	-14	-15	-15	-17	-21	-24	-23	-22	-22	-24
Age 18 to 44	-5	-9	-10	-14	-16	-16	-17	-19	-22	-22	-22	-23	-22
Age 45 to 64	-6	-8	-12	-15	-16	-17	-20	-27	-29	-27	-24	-23	-27
Age 65+	-3	-7	-11	-13	-13	-13	-16	-18	-21	-19	-20	-19	-21
Income Bottom Third	-5	-7	-9	-13	-13	-12	-11	-14	-17	-18	-18	-18	-18
Income Middle Third	-4	-6	-10	-14	-17	-17	-19	-22	-24	-23	-23	-24	-25
Income Top Third	-6	-10	-13	-15	-16	-18	-23	-28	-31	-28	-26	-26	-29
Educ High School or Less	-6	-6	-8	-11	-13	-14	-16	-18	-20	-19	-17	-18	-19
Educ Some College	-4	-7	-9	-14	-15	-15	-13	-18	-22	-23	-23	-20	-21
Educ College Degree	-5	-10	-13	-16	-16	-17	-21	-24	-26	-25	-24	-26	-27
Democrat	-5	-9	-13	-14	-14	-14	-16	-20	-21	-23	-23	-21	-20
Independent	-5	-8	-10	-14	-15	-16	-19	-22	-25	-22	-20	-21	-23
Republican	-4	-6	-11	-15	-19	-19	-20	-24	-26	-25	-25	-27	-30

Response to the query: "Why do you say so?" following the question on Table 37.

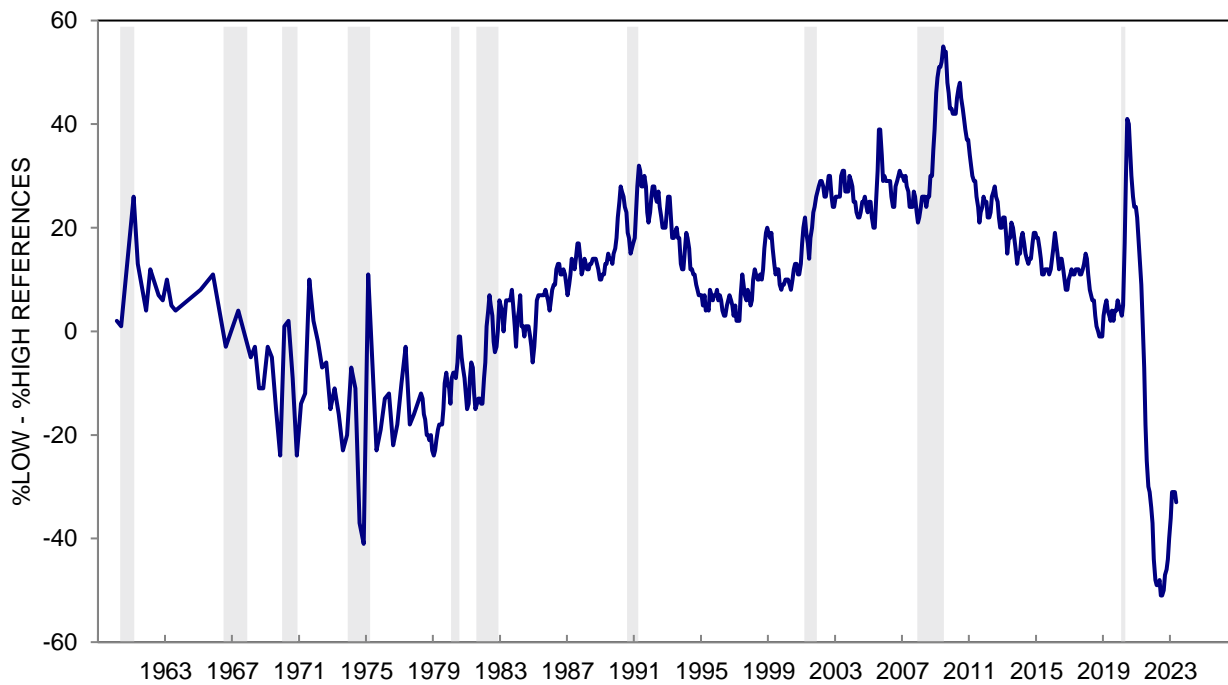
May add to more than 100% due to multiple mentions.

*: Less than half of one percent.

**CHART 38A: PRICE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW PRICES - %HIGH PRICES)**



**CHART 38A: PRICE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW PRICES - %HIGH PRICES)**



**CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES
(THREE MONTH MOVING AVERAGES)**

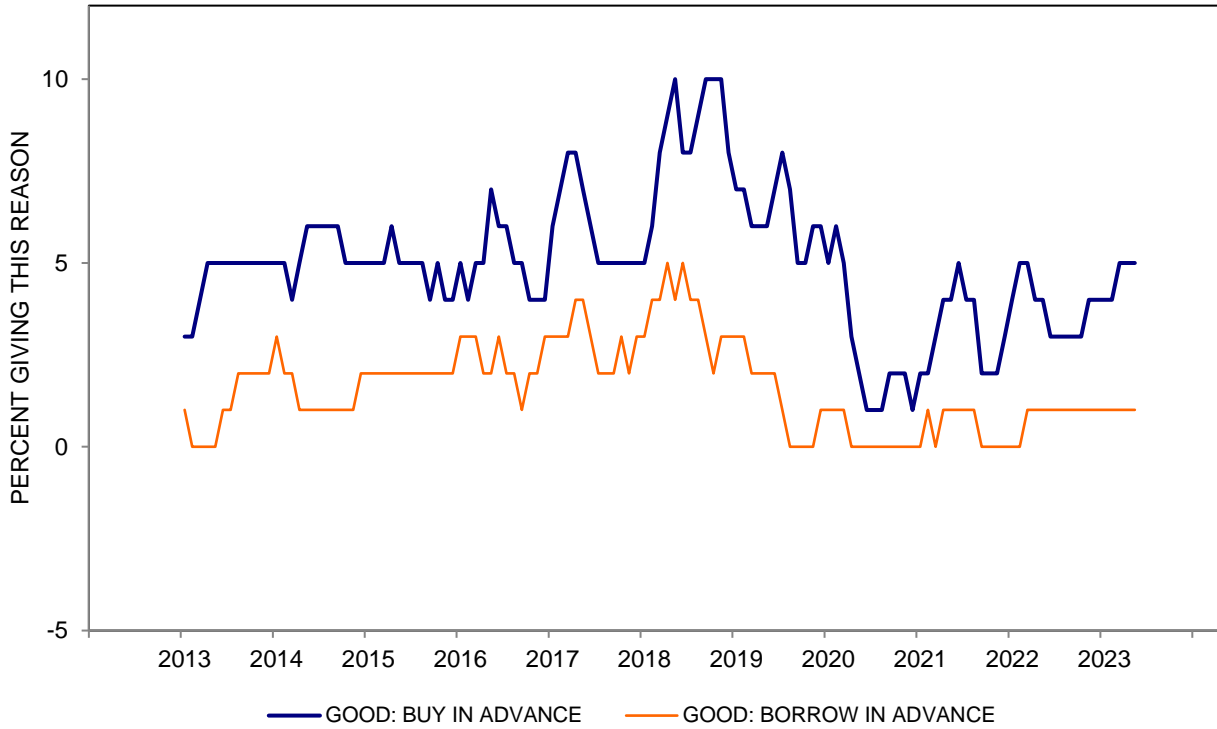
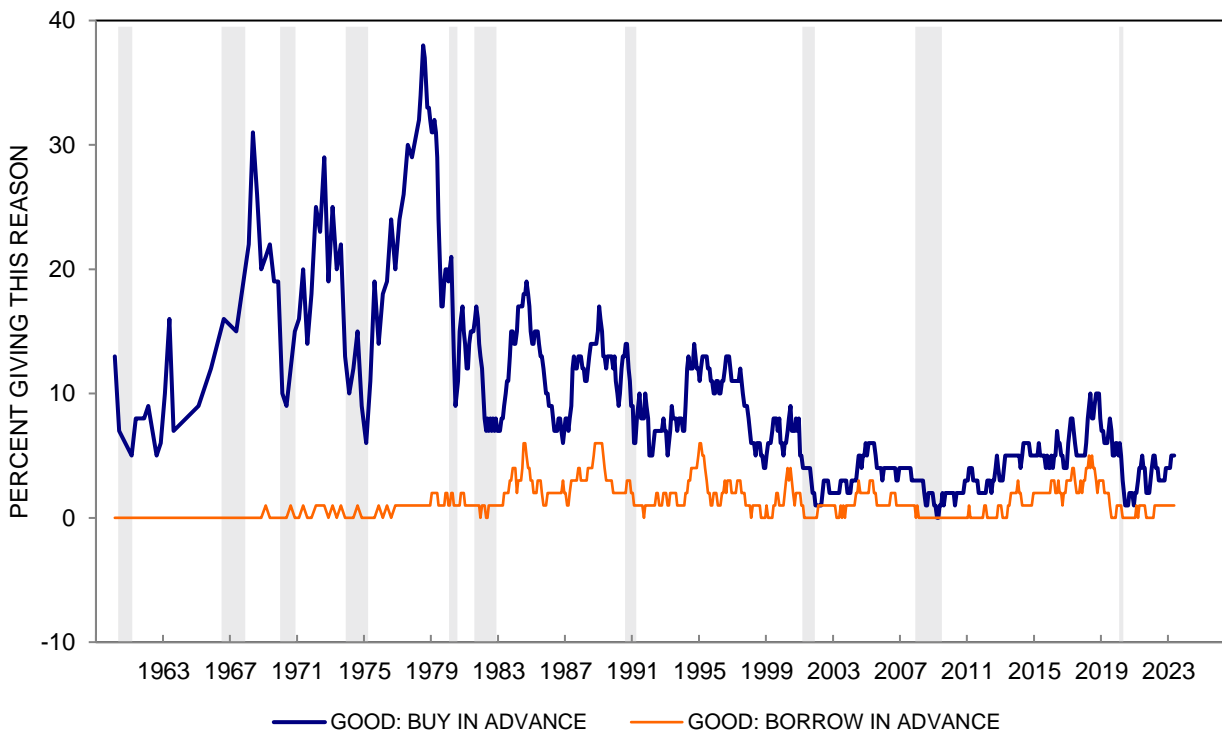
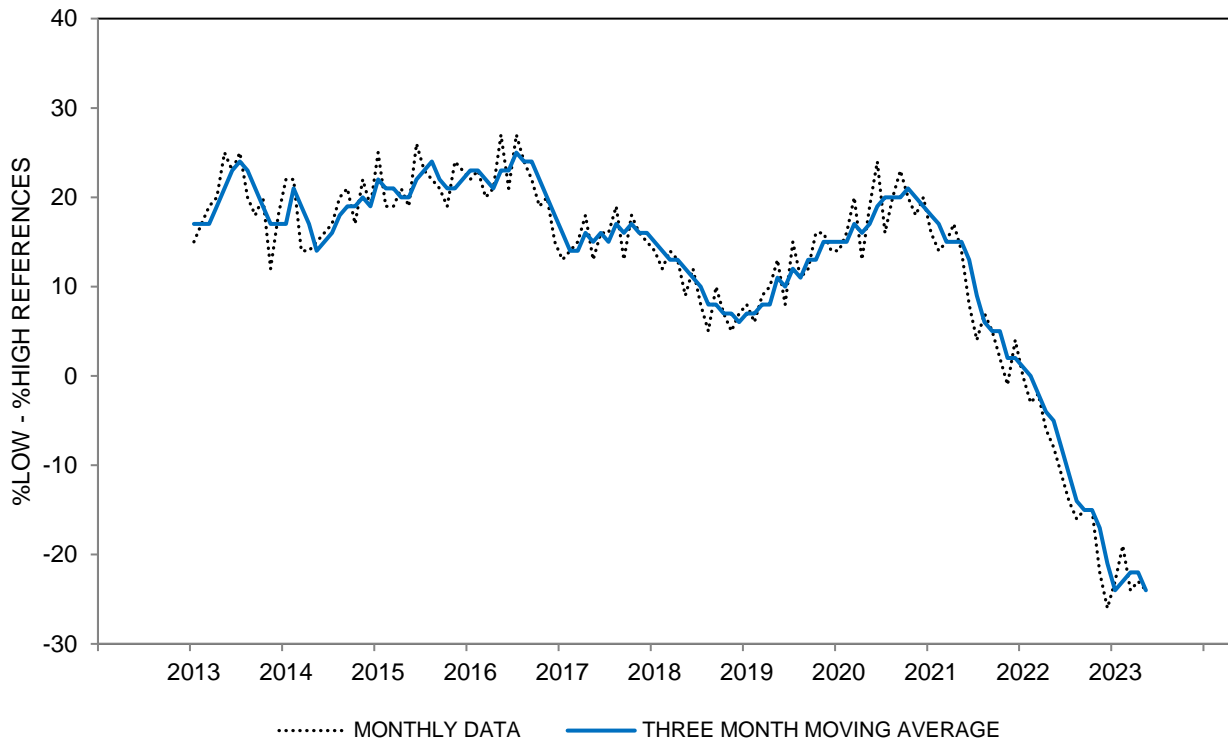


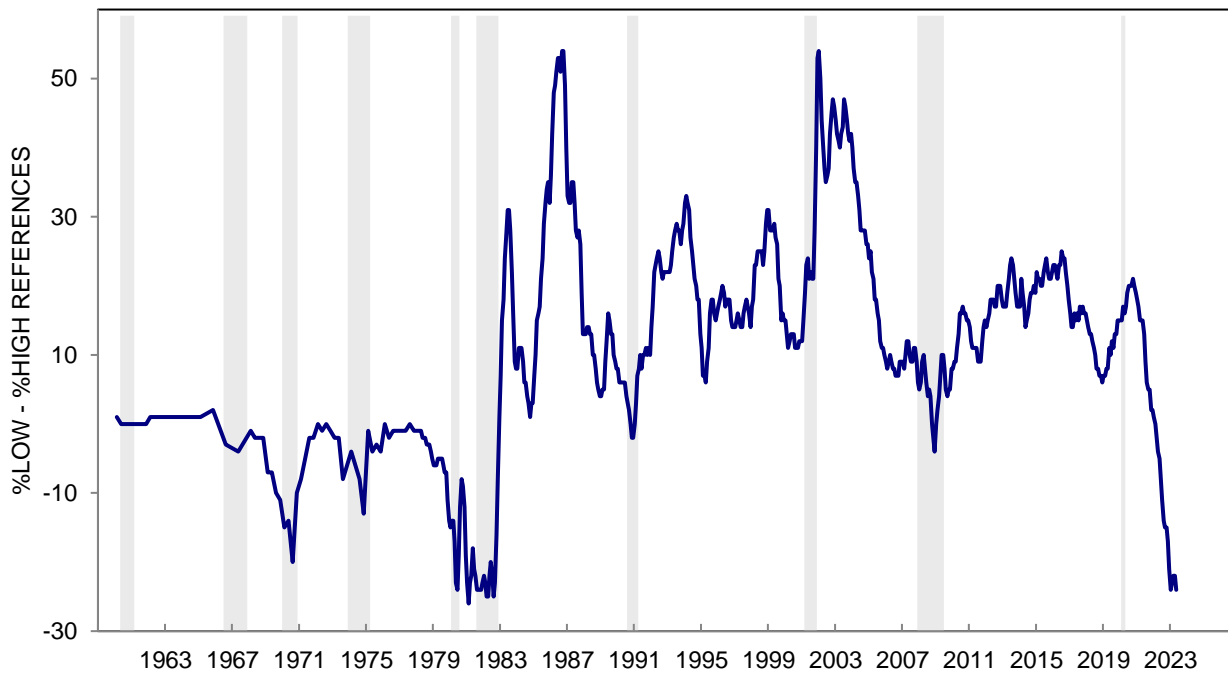
CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES



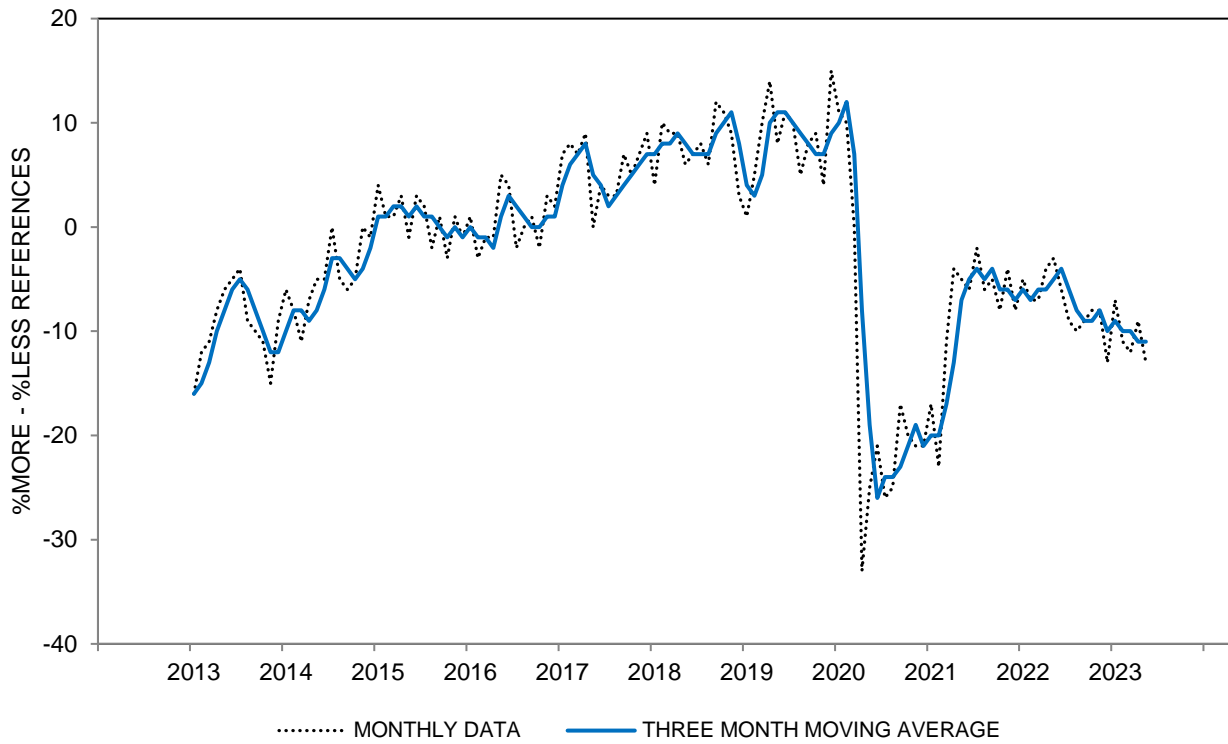
**CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



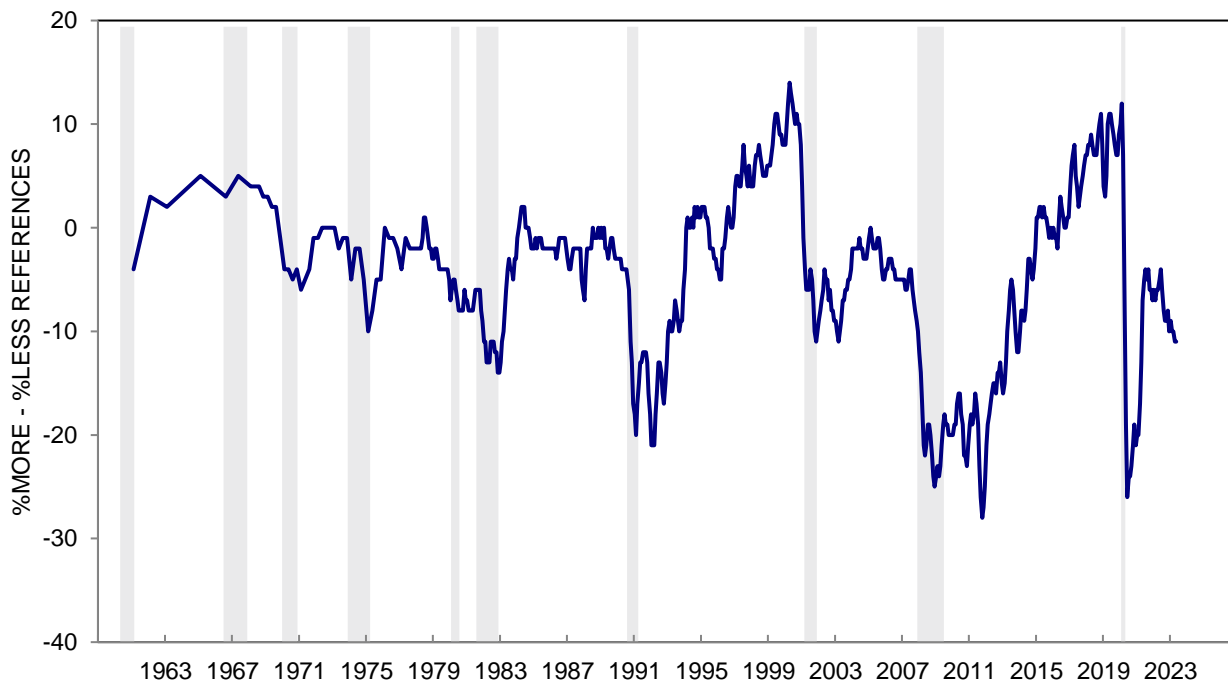
**CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



**CHART 38D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%MORE CERTAINTY - %LESS CERTAINTY)**



**CHART 38D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%MORE CERTAINTY - %LESS CERTAINTY)**



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TABLE 39

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
INCREASE	52%	61%	42%	35%	36%	51%	50%	40%	44%	47%	43%	48%	46%
REMAIN THE SAME	33	24	36	36	42	38	37	48	45	43	47	43	46
DECREASE	15	14	20	28	21	10	13	12	11	9	9	9	7
DK, NA	*	1	2	1	1	1	*	*	*	1	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
MEDIAN INCREASE (¢)	9.6	25.3	0.3	0.1	0.2	5.2	1.3	0.3	0.4	0.4	0.4	0.4	0.4
MEAN INCREASE (¢)	24.3	41.2	21.0	8.8	15.4	28.6	25.5	20.9	22.1	18.9	16.3	21.8	16.1

**EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR - MEDIAN INCREASE
THREE MONTH MOVING AVERAGES**

All	19.9	11.8	11.7	8.6	0.2	1.8	2.2	2.3	0.7	0.4	0.4	0.4	0.4
Age 18 to 44	8.8	7.1	7.0	7.0	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.4	0.4
Age 45 to 64	23.4	23.2	23.2	16.7	0.2	4.6	11.1	11.2	7.5	2.1	2.1	3.0	4.0
Age 65+	16.9	8.5	8.5	8.2	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.3
Income Bottom Third	17.0	13.8	13.8	10.3	0.3	0.2	0.3	0.3	0.4	0.4	0.5	0.4	0.4
Income Middle Third	20.1	11.9	12.0	8.6	0.3	6.8	13.3	13.4	6.8	3.6	3.6	6.6	3.4
Income Top Third	16.8	8.5	8.4	8.3	0.1	3.3	3.4	3.4	0.3	0.3	0.3	0.4	0.4
Educ High School or Less	23.3	16.8	16.8	10.2	0.4	0.3	1.8	1.8	1.9	2.0	2.0	1.9	1.6
Educ Some College	20.2	21.7	21.7	16.8	0.3	6.9	10.1	10.1	3.5	2.5	2.5	2.6	3.5
Educ College Degree	16.8	7.0	6.9	6.7	0.0	0.7	0.9	0.9	0.3	0.3	0.3	0.4	0.4
Democrat	8.3	0.1	0.1	-0.1	-0.2	-0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Independent	20.1	12.1	12.0	8.7	0.3	0.9	1.9	1.9	1.2	0.3	0.4	1.1	1.1
Republican	35.0	38.1	36.5	26.7	6.9	8.8	25.1	33.4	29.0	19.1	14.0	16.6	13.3

The question was:

"Now thinking only about the next twelve months, do you think that the price of gasoline will go up during the next twelve months, will gasoline prices go down, or will they stay about the same as they are now?"

"About how many cents per gallon do you think gasoline prices will (increase/decrease) during the next twelve months compared to now?"

CHART 39: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

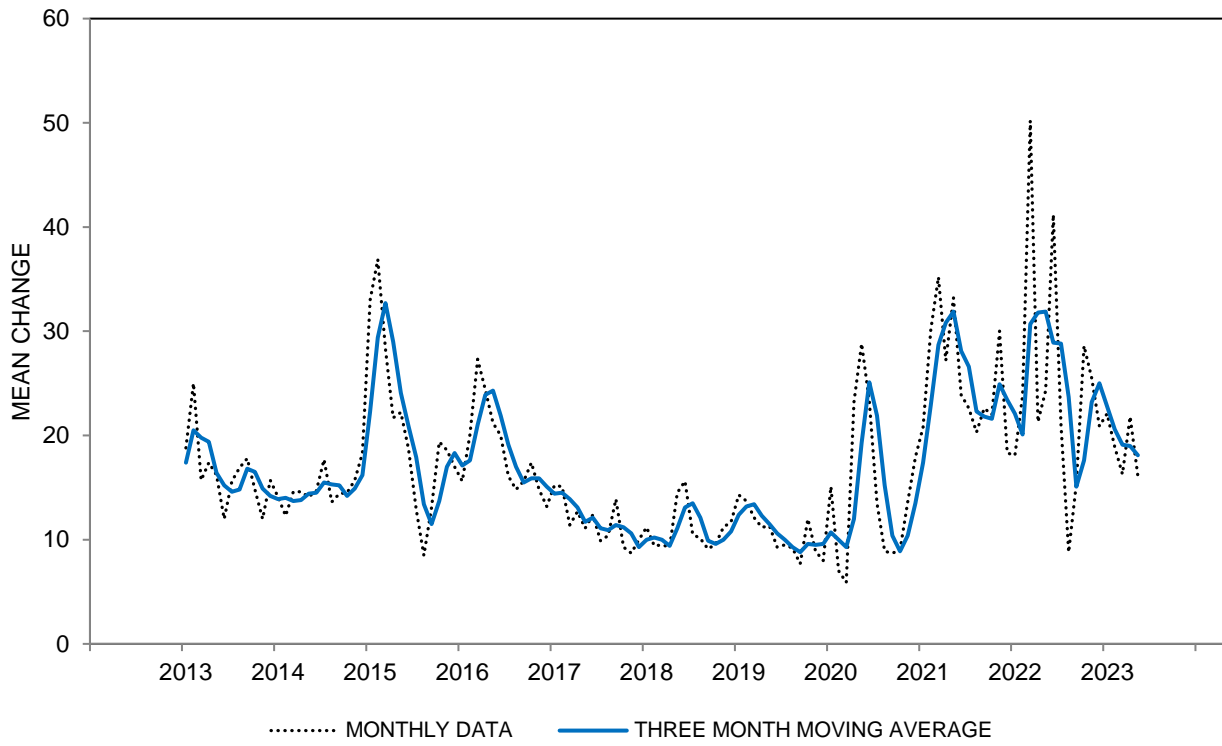


CHART 39: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

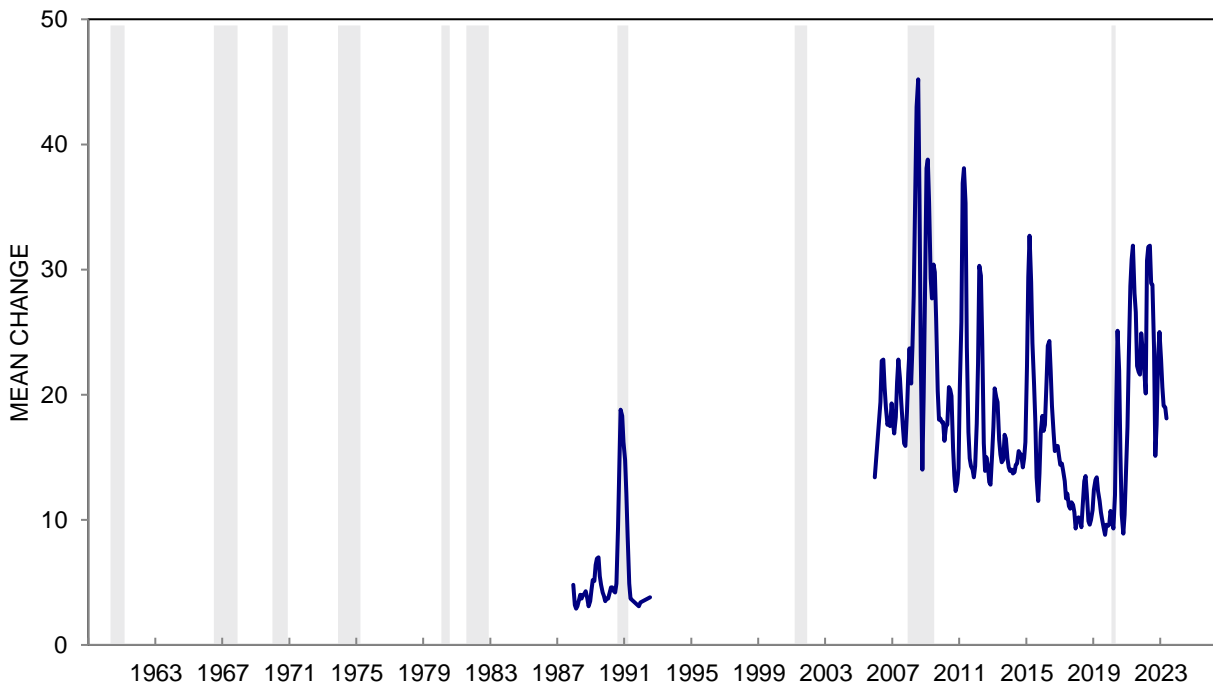


TABLE 40

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
INCREASE	47%	45%	37%	40%	42%	52%	51%	50%	51%	54%	52%	56%	60%
REMAIN THE SAME	20	17	23	28	33	26	28	29	36	32	34	30	26
DECREASE	30	35	38	29	22	18	18	19	12	12	12	11	11
DK, NA	3	3	2	3	3	4	3	2	1	2	2	3	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
MEDIAN INCREASE (¢)	0.4	0.3	0.0	0.2	0.3	14.7	9.8	6.8	5.3	10.1	9.8	23.2	29.5
MEAN INCREASE (¢)	21.1	31.4	10.9	22.6	34.0	46.0	37.7	43.7	51.8	42.6	45.4	49.3	48.8

**EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS - MEDIAN INCREASE
THREE MONTH MOVING AVERAGES**

All	16.7	0.3	0.2	0.2	0.2	5.1	8.3	10.4	7.3	7.4	8.4	14.4	20.8
Age 18 to 44	10.4	2.1	1.9	2.0	0.2	4.7	9.7	17.9	16.6	18.1	13.1	18.2	24.9
Age 45 to 64	23.4	6.9	6.9	0.1	0.2	0.4	6.1	6.1	9.1	6.7	11.5	20.1	23.5
Age 65+	13.6	0.3	0.0	-0.2	-0.2	7.6	7.8	7.9	0.4	0.5	1.9	5.1	8.3
Income Bottom Third	23.4	23.3	23.2	16.8	0.4	4.5	7.9	9.5	8.6	8.4	9.9	13.2	23.2
Income Middle Third	16.8	0.3	0.2	0.2	0.2	16.7	24.8	29.8	16.7	16.8	19.9	21.4	23.1
Income Top Third	8.3	-0.1	-0.2	-0.2	-0.1	3.4	3.5	3.6	0.4	0.5	0.4	13.5	18.2
Educ High School or Less	22.2	25.4	24.8	17.5	1.0	4.4	6.0	9.3	7.6	8.6	8.5	14.2	21.0
Educ Some College	16.9	16.8	16.9	16.8	3.5	20.0	28.3	25.1	20.1	19.5	29.3	27.6	36.5
Educ College Degree	9.3	0.1	-0.1	-0.2	-0.1	0.2	0.3	1.1	1.1	2.7	2.0	8.6	12.5
Democrat	5.0	0.0	-6.6	-6.8	-6.7	0.1	0.3	0.3	0.3	0.3	0.3	0.4	3.5
Independent	13.7	6.8	6.7	6.7	0.3	7.0	13.5	17.6	13.1	14.7	16.1	26.6	31.7
Republican	29.9	23.3	23.2	18.5	2.0	10.4	21.8	38.2	36.5	33.2	25.0	26.7	26.9

The question was:

"Do you think that the price of gasoline will go up during the next five years, will gasoline prices go down, or will they stay about the same as they are now?"

"About how many cents per gallon do you think gasoline prices will (increase/decrease) during the next five years compared to now?"

CHART 40: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

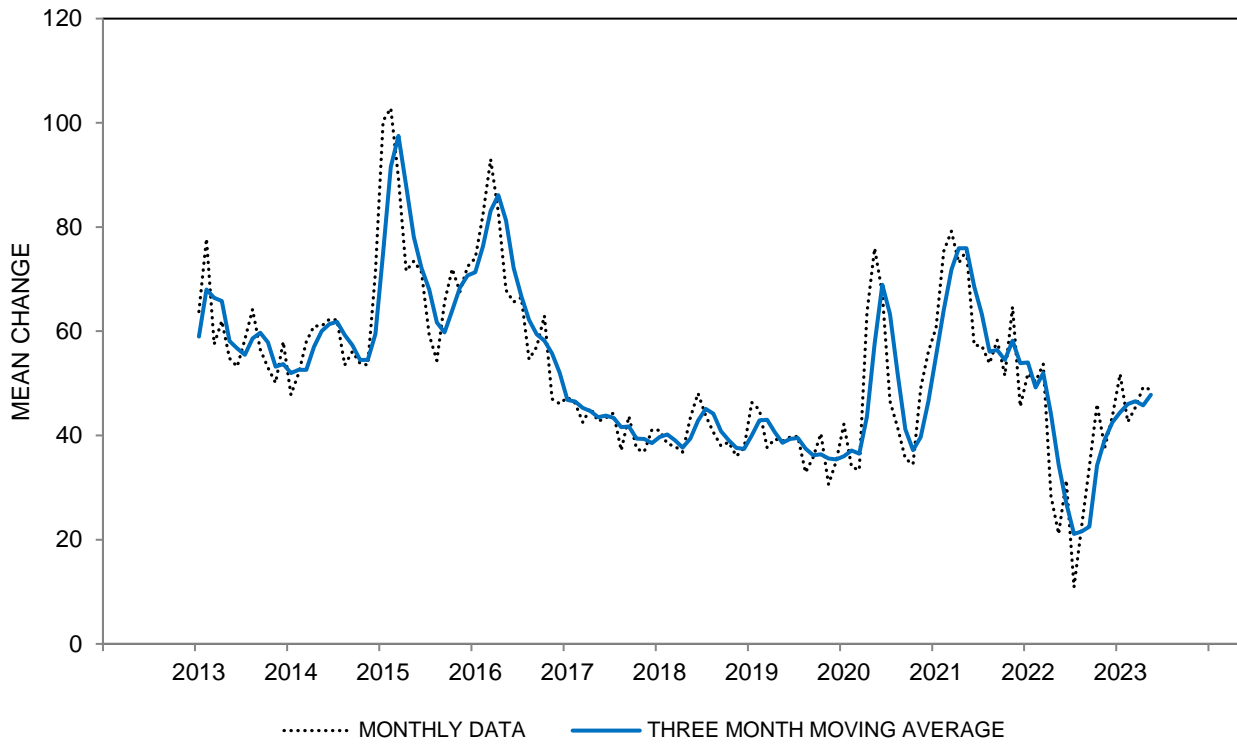


CHART 40: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

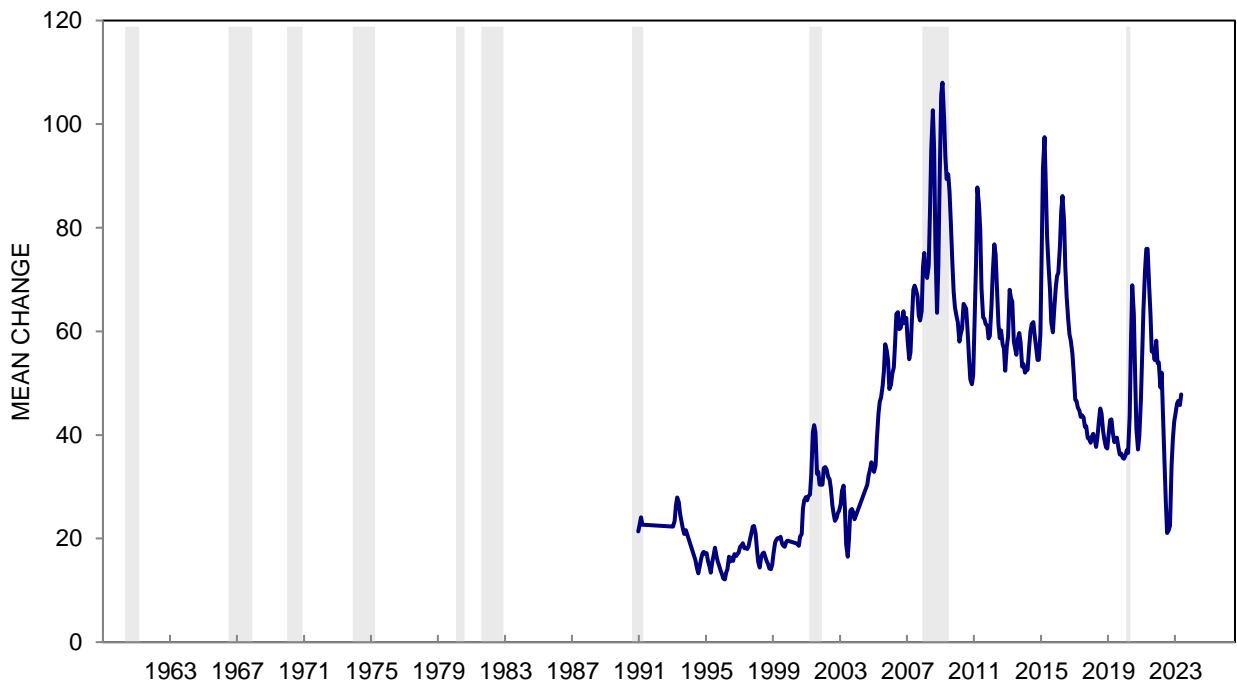


TABLE 41

BUYING CONDITIONS FOR HOUSES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO BUY	22%	21%	23%	22%	24%	21%	16%	16%	21%	25%	22%	23%	18%
UNCERTAIN, DEPENDS	1	1	1	4	1	1	1	2	2	1	3	4	2
BAD TIME TO BUY	77	78	76	74	75	78	83	82	77	74	75	73	80
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	45	43	47	48	49	43	33	34	44	51	47	50	38

**BUYING CONDITIONS FOR HOUSES - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	57	50	45	46	48	47	42	37	37	43	47	49	45
Age 18 to 44	47	43	39	41	38	38	34	35	37	43	47	45	39
Age 45 to 64	54	45	40	41	48	46	42	33	32	35	39	46	46
Age 65+	76	67	60	59	63	61	52	42	43	54	59	61	53
Income Bottom Third	64	57	46	46	47	49	46	42	42	48	49	50	41
Income Middle Third	53	50	46	44	46	45	41	37	35	42	46	52	43
Income Top Third	54	42	41	46	49	45	38	33	34	39	46	46	46
Educ High School or Less	62	57	47	47	48	49	41	37	36	45	48	54	50
Educ Some College	58	51	50	51	54	50	47	40	39	44	47	49	42
Educ College Degree	54	47	42	42	45	44	40	35	37	41	47	48	44
Democrat	56	52	51	49	54	54	50	41	39	44	50	50	48
Independent	57	50	44	46	46	45	39	37	40	45	51	51	45
Republican	56	46	38	40	46	43	39	31	29	38	40	49	42

The question was: "Generally speaking, do you think now is a good time or a bad time to buy a house?"

Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 41: BUYING CONDITIONS FOR HOUSES

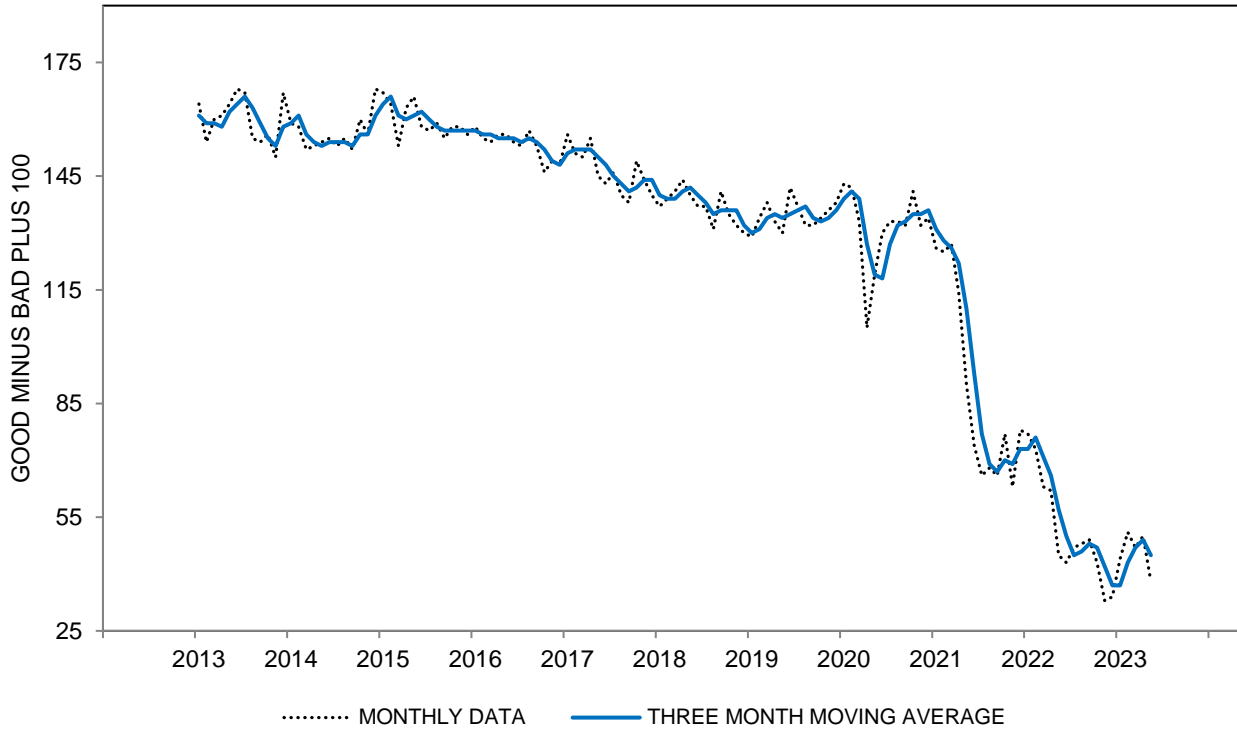


CHART 41: BUYING CONDITIONS FOR HOUSES

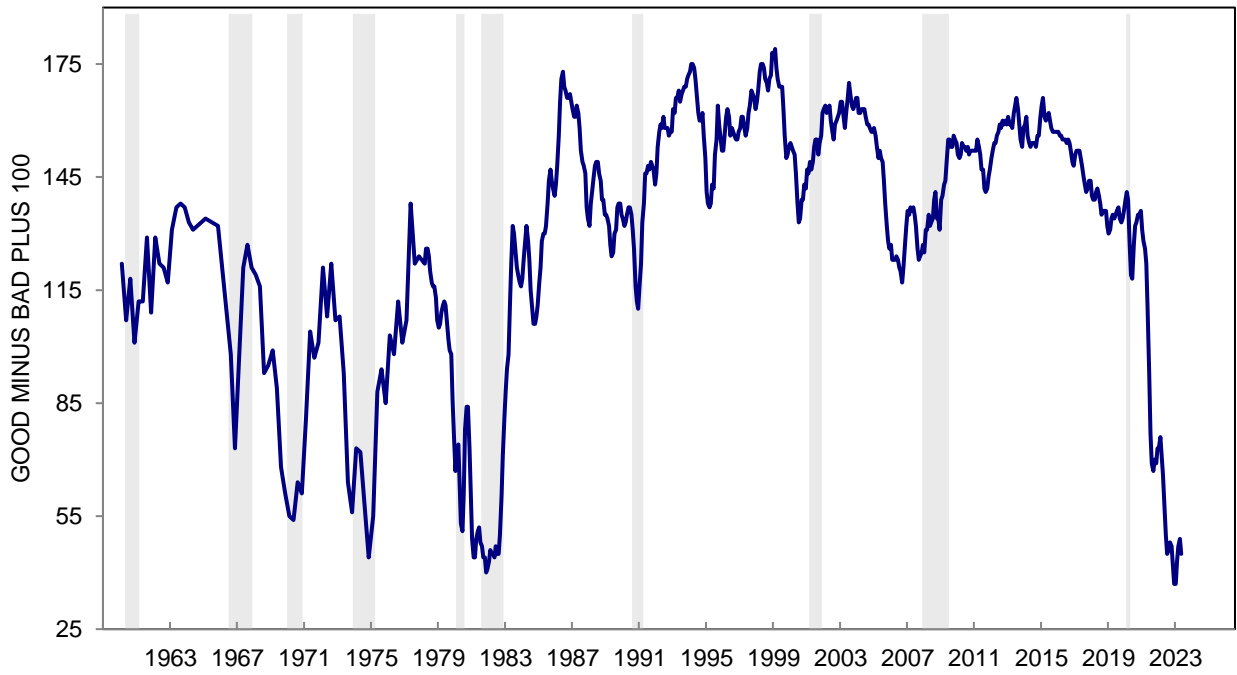


TABLE 42

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR HOUSES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO BUY													
Prices are low; good buys available	2%	2%	5%	5%	7%	6%	5%	6%	8%	9%	8%	7%	5%
Prices won't come down; are going higher	8	7	5	6	5	5	3	3	3	5	5	5	5
Interest rates are low	5	5	6	6	4	3	2	3	3	6	4	4	2
Borrow-in-advance of rising interest rates	7	5	7	5	6	7	4	3	4	4	3	4	2
Times are good; prosperity	4	2	3	3	1	3	2	2	2	2	4	3	4
Capital appreciation; good investment	5	5	6	5	8	5	4	4	6	5	7	6	7
BAD TIME TO BUY													
Prices are high	73	71	65	63	61	55	58	56	54	48	53	46	54
Interest rates are high; credit is tight	34	40	42	47	41	56	64	63	58	53	55	55	62
Times are bad; can't afford to buy	9	9	12	9	13	9	10	12	11	13	15	15	13
Bad times ahead; uncertain future	3	5	5	4	3	6	5	4	4	5	4	4	4
Capital depreciation; bad investment	2	1	2	1	1	1	2	1	1	1	1	1	2

SELECTED REASONS FOR OPINIONS ABOUT HOME BUYING CONDITIONS

PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)

All	-64	-67	-67	-62	-57	-54	-52	-51	-50	-45	-43	-41	-44
Age 18 to 44	-70	-71	-69	-65	-63	-61	-60	-57	-55	-49	-48	-47	-53
Age 45 to 64	-65	-70	-69	-64	-56	-52	-49	-48	-50	-47	-44	-39	-39
Age 65+	-53	-59	-61	-57	-50	-45	-43	-44	-43	-39	-39	-36	-39
Income Bottom Third	-53	-55	-61	-58	-57	-51	-49	-48	-50	-45	-43	-39	-44
Income Middle Third	-66	-70	-66	-64	-59	-57	-54	-52	-51	-46	-45	-40	-45
Income Top Third	-74	-77	-75	-66	-60	-57	-55	-53	-49	-46	-42	-44	-45
Educ High School or Less	-56	-57	-60	-56	-53	-50	-47	-44	-45	-41	-41	-37	-41
Educ Some College	-61	-67	-63	-59	-54	-55	-55	-55	-52	-47	-46	-44	-43
Educ College Degree	-69	-73	-72	-68	-61	-55	-53	-52	-51	-46	-43	-41	-47
Democrat	-65	-68	-67	-63	-56	-51	-47	-47	-46	-43	-39	-37	-40
Independent	-64	-66	-66	-63	-59	-56	-54	-53	-53	-48	-46	-43	-46
Republican	-65	-71	-70	-63	-55	-53	-52	-50	-51	-45	-45	-42	-46

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

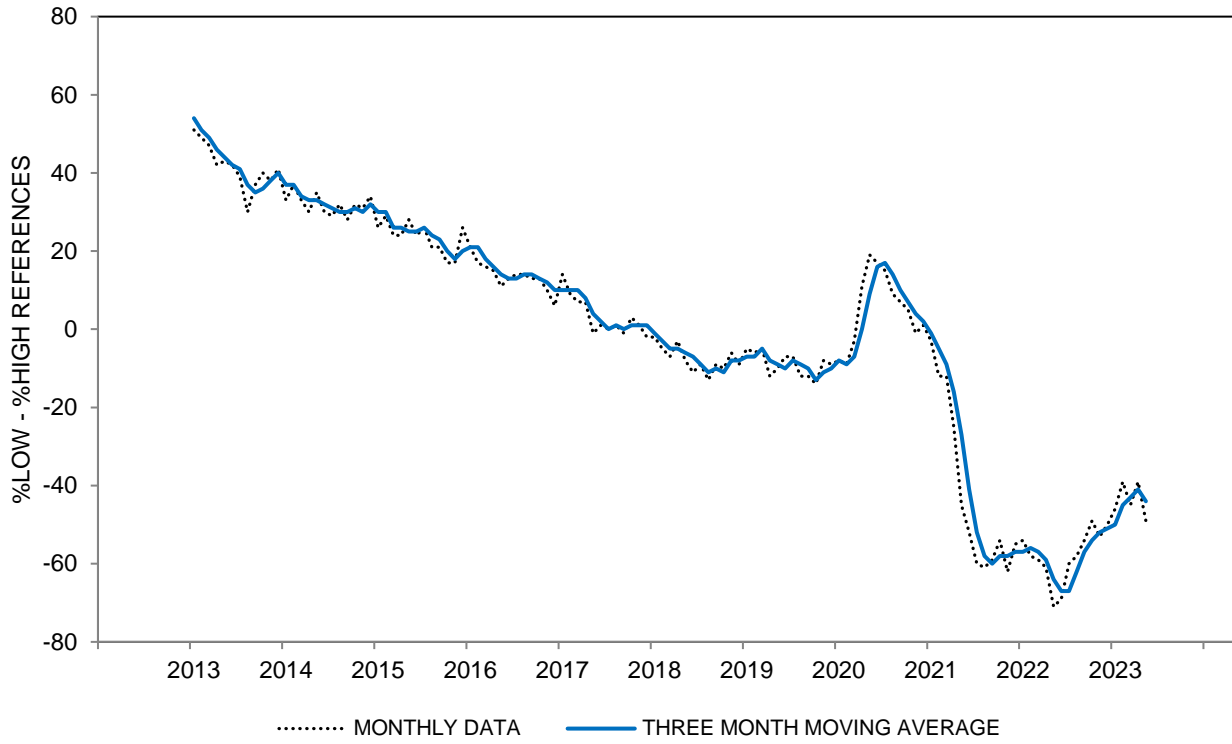
All	-13	-24	-33	-37	-38	-44	-51	-58	-59	-54	-51	-50	-54
Age 18 to 44	-18	-26	-34	-39	-42	-47	-52	-54	-54	-49	-49	-49	-56
Age 45 to 64	-14	-28	-37	-40	-37	-44	-51	-63	-64	-61	-58	-55	-56
Age 65+	-6	-16	-28	-31	-33	-38	-48	-59	-60	-51	-45	-43	-50
Income Bottom Third	-10	-16	-24	-27	-27	-33	-38	-45	-43	-40	-40	-41	-45
Income Middle Third	-11	-22	-34	-38	-38	-40	-51	-61	-67	-59	-54	-48	-56
Income Top Third	-20	-34	-42	-47	-49	-58	-64	-71	-69	-64	-60	-62	-64
Educ High School or Less	-6	-17	-28	-34	-31	-34	-39	-46	-48	-43	-43	-40	-43
Educ Some College	-13	-22	-30	-36	-36	-41	-47	-56	-57	-51	-49	-46	-53
Educ College Degree	-17	-28	-36	-40	-43	-50	-58	-66	-65	-60	-56	-56	-61
Democrat	-11	-22	-29	-36	-35	-39	-42	-52	-57	-55	-53	-53	-54
Independent	-13	-25	-34	-37	-37	-43	-51	-57	-55	-50	-48	-47	-53
Republican	-15	-25	-35	-40	-41	-50	-57	-67	-66	-59	-54	-50	-57

Response to the query: "Why do you say so?" following the question on Table 41.

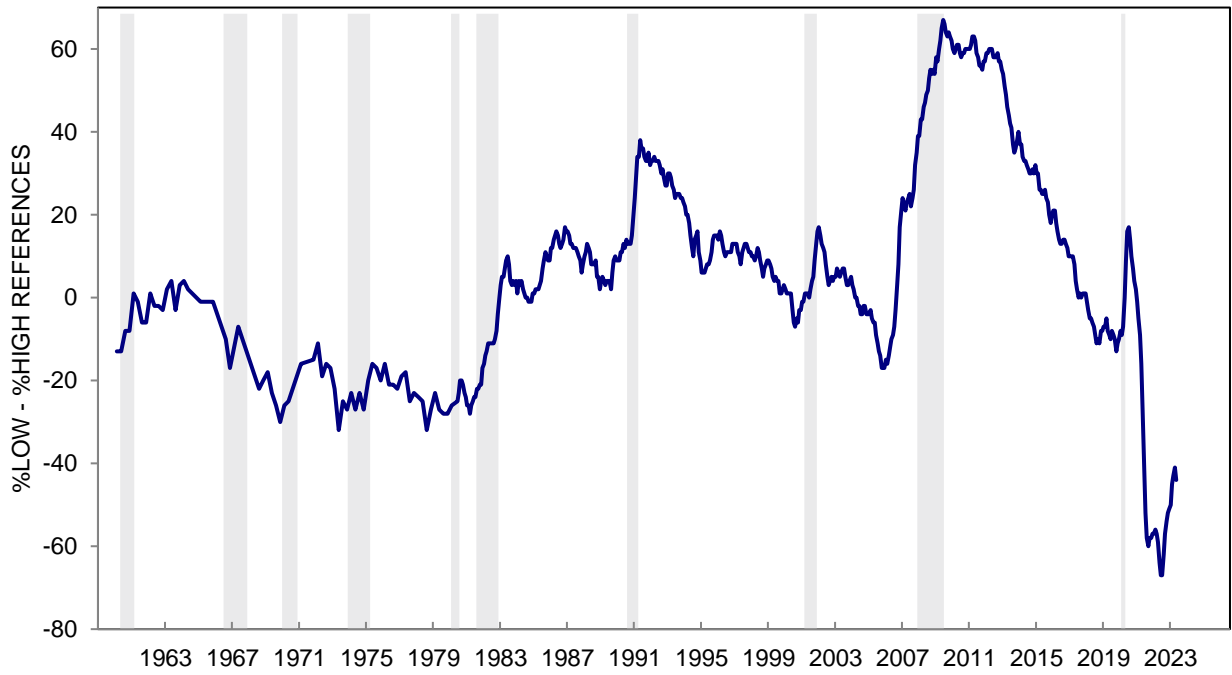
May add to more than 100% due to multiple mentions.

*: Less than half of one percent.

**CHART 42A: PRICE REASONS FOR BUYING CONDITIONS FOR HOUSES
(%LOW PRICES - %HIGH PRICES)**



**CHART 42A: PRICE REASONS FOR BUYING CONDITIONS FOR HOUSES
(%LOW PRICES - %HIGH PRICES)**



**CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES
(THREE MONTH MOVING AVERAGES)**

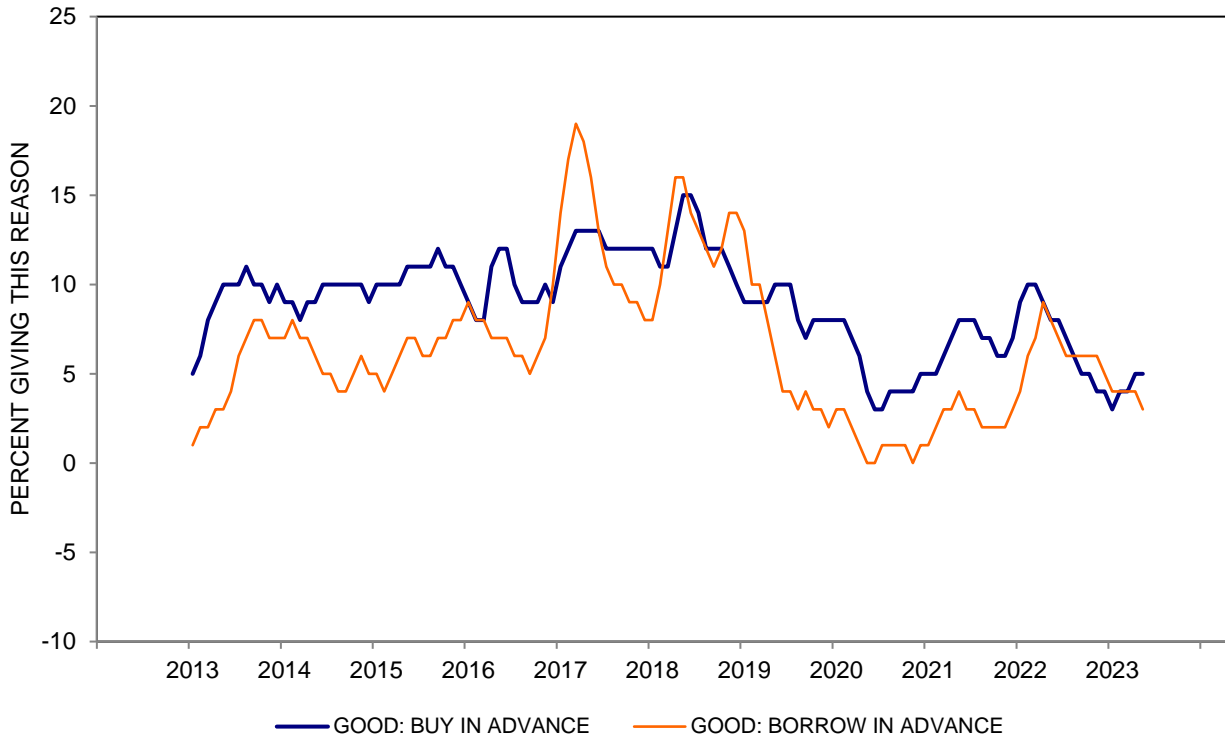
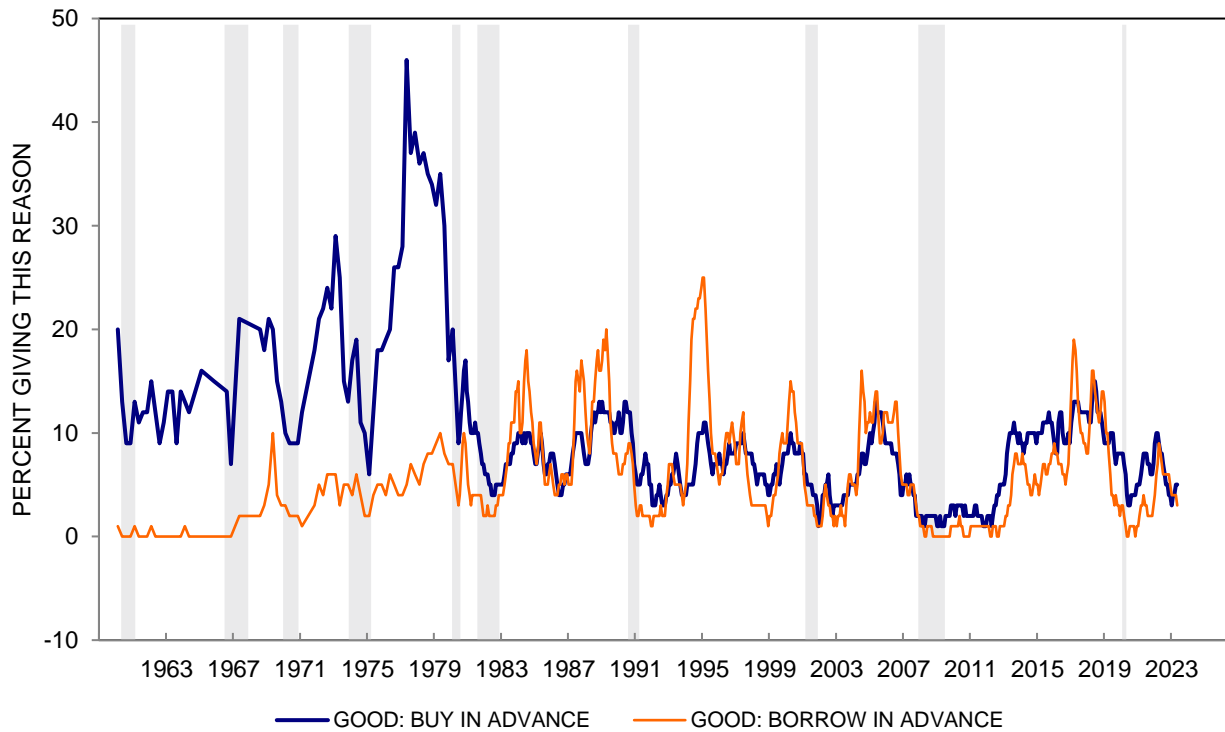
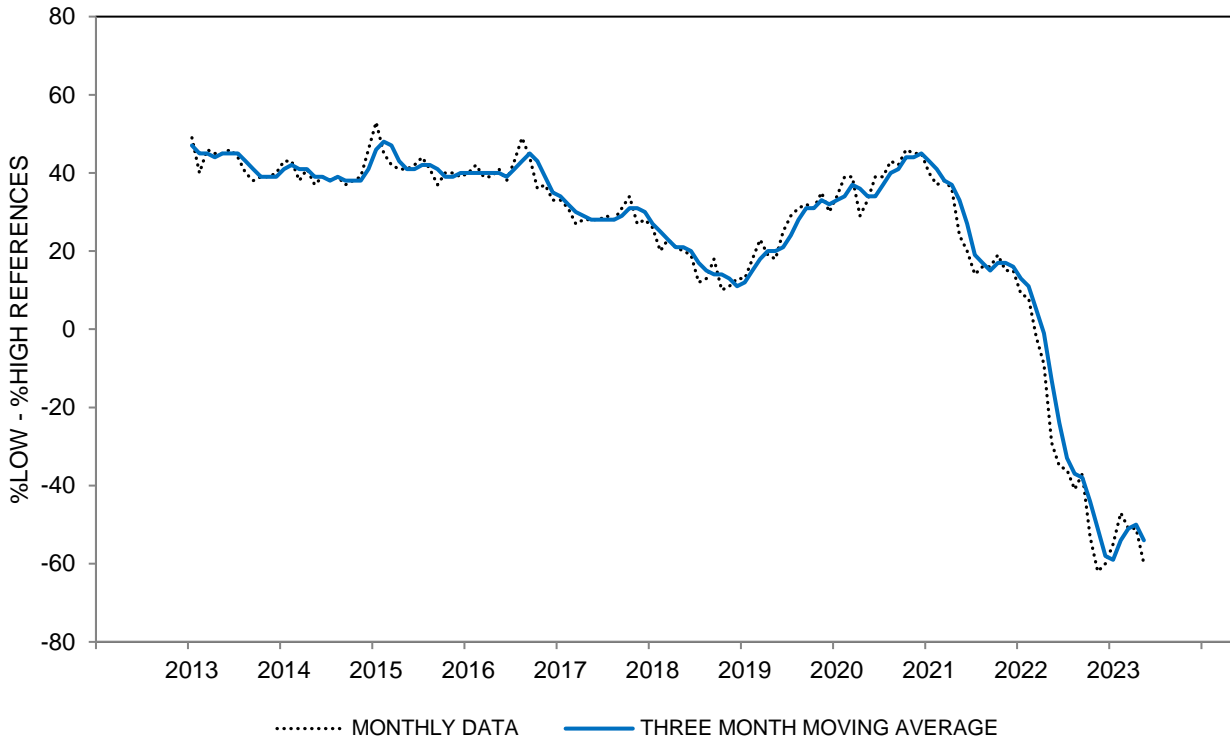


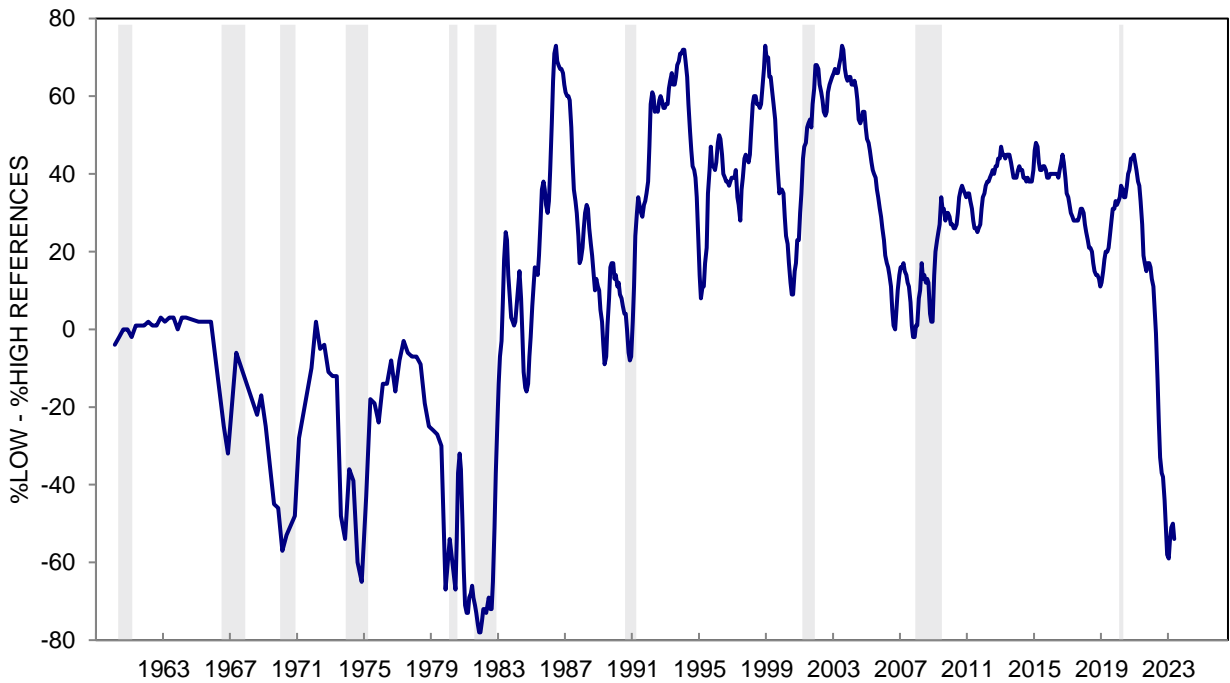
CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES



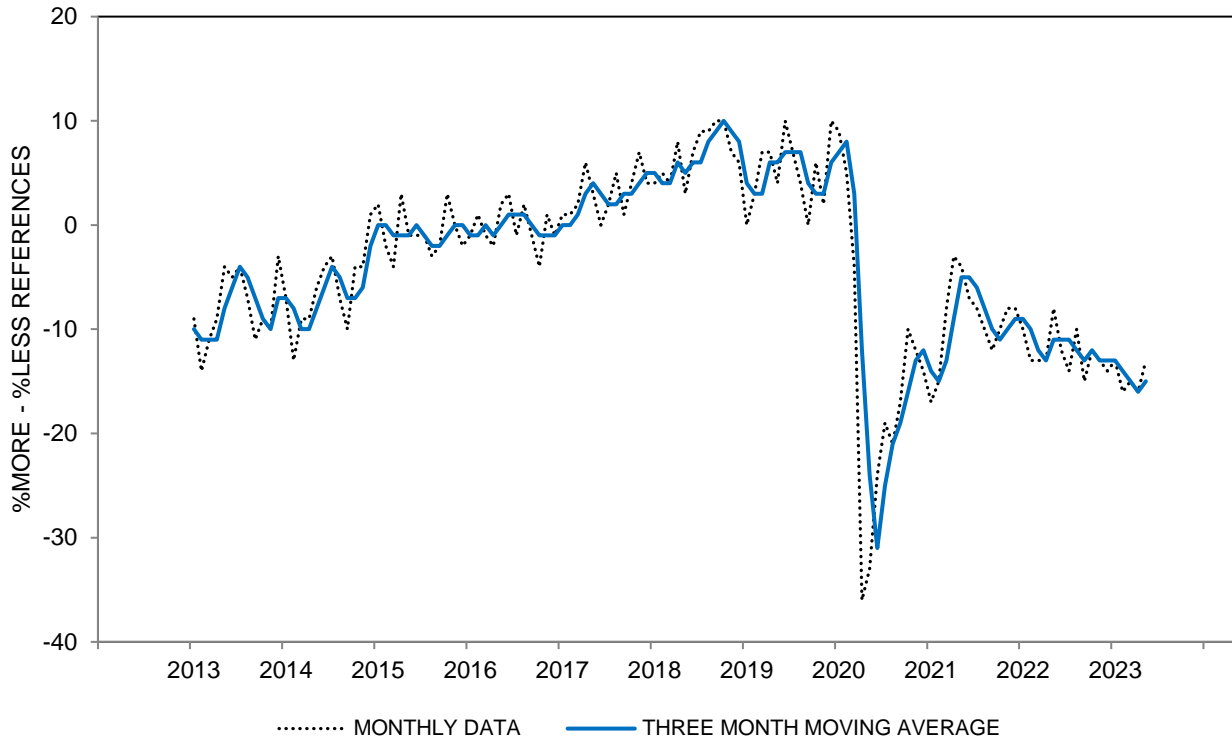
**CHART 42C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR HOUSES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



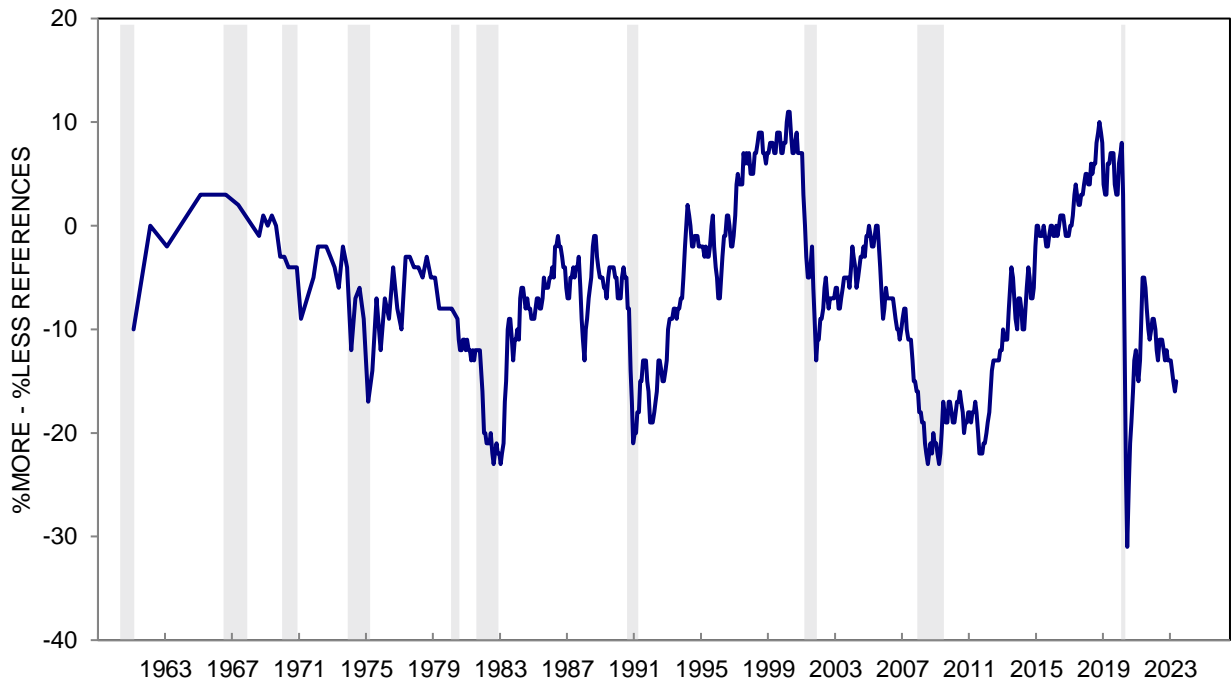
**CHART 42C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR HOUSES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



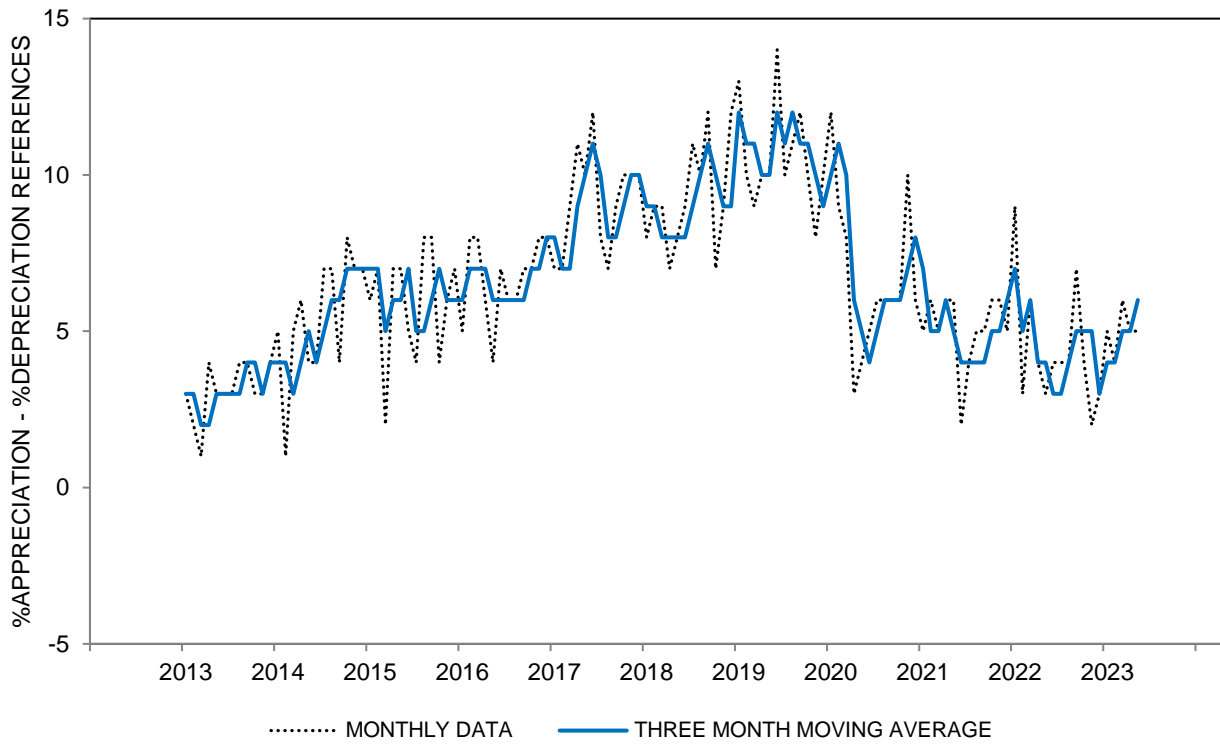
**CHART 42D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR HOUSES
(%MORE CERTAINTY - %LESS CERTAINTY)**



**CHART 42D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR HOUSES
(%MORE CERTAINTY - %LESS CERTAINTY)**



**CHART 42E: CAPITAL GAIN REASONS FOR BUYING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)**



**CHART 42E: CAPITAL GAIN REASONS FOR BUYING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)**

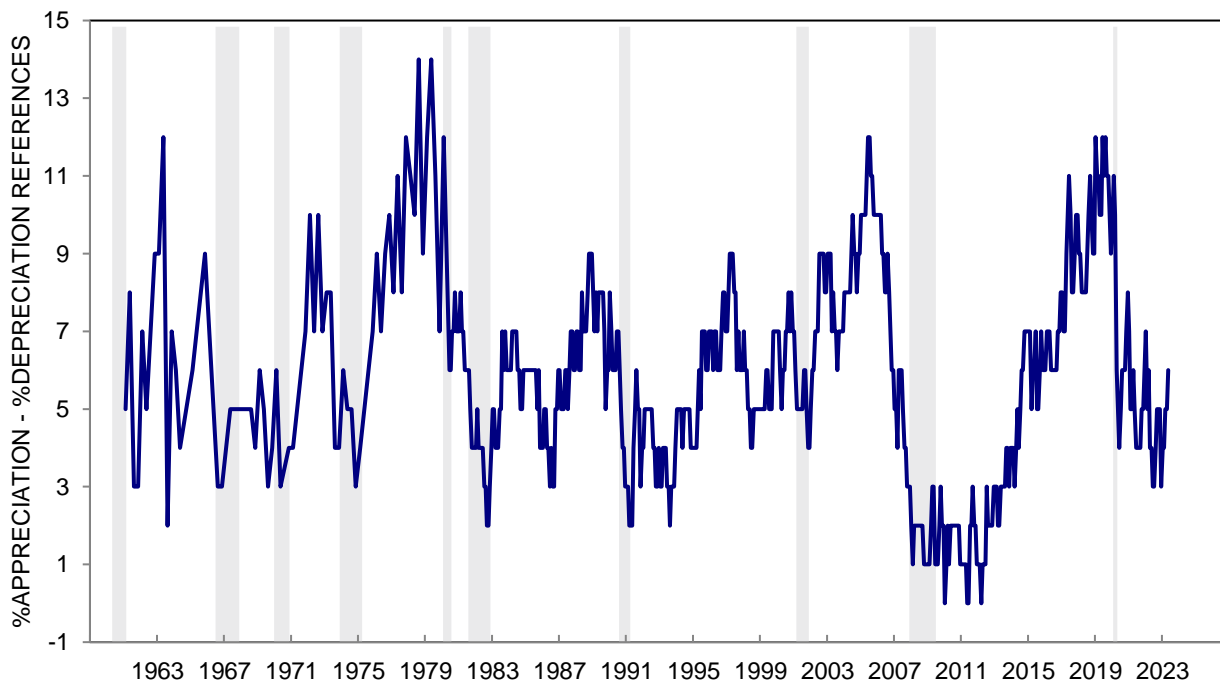


TABLE 43

SELLING CONDITIONS FOR HOUSES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO SELL	78%	79%	70%	69%	68%	59%	56%	54%	53%	50%	61%	58%	55%
UNCERTAIN, DEPENDS	5	2	3	2	3	4	1	2	3	5	2	4	4
BAD TIME TO SELL	17	19	27	29	29	37	43	44	44	45	37	38	41
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	602	601	602	601	600	602	600	600	602	603	601	605
INDEX SCORE	161	160	143	140	139	122	113	110	110	105	124	120	114

**SELLING CONDITIONS FOR HOUSES - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	162	161	155	148	141	134	125	115	111	108	113	116	119
Age 18 to 44	158	158	151	143	138	132	128	123	121	118	119	122	124
Age 45 to 64	164	166	159	152	146	136	127	112	113	107	115	114	119
Age 65+	163	159	155	149	138	133	117	106	95	96	104	112	113
Income Bottom Third	141	143	138	137	129	126	123	122	123	113	116	116	120
Income Middle Third	165	163	156	150	145	144	134	122	113	112	115	118	120
Income Top Third	179	177	170	156	149	133	121	106	104	105	111	118	120
Educ High School or Less	145	137	132	130	133	128	119	112	111	112	117	117	118
Educ Some College	154	158	152	146	137	133	129	119	116	108	116	119	122
Educ College Degree	173	174	165	156	146	137	125	114	107	106	110	115	119
Democrat	167	169	162	151	141	133	129	122	115	107	110	119	125
Independent	157	154	147	144	141	135	126	114	108	109	115	116	116
Republican	165	167	161	151	140	133	120	108	110	108	115	117	122

The question was: "Generally speaking, do you think now is a good time or a bad time to sell a house?"

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 43: SELLING CONDITIONS FOR HOUSES

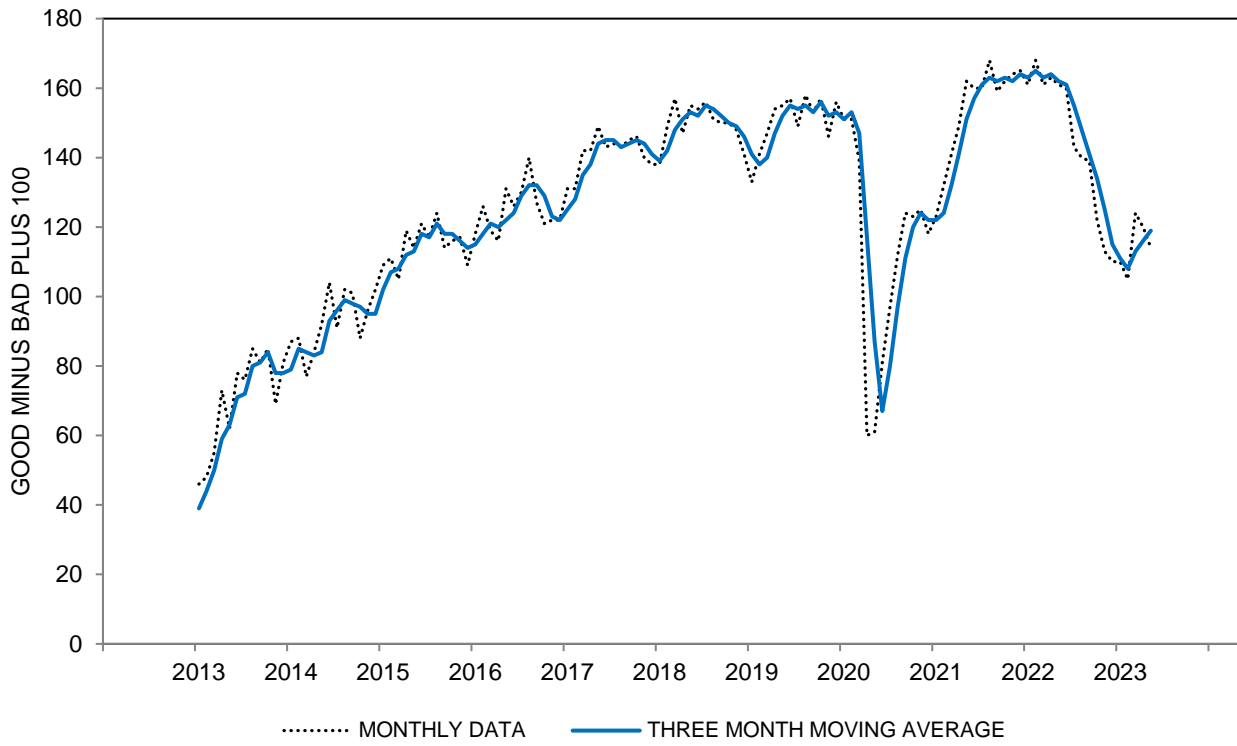


CHART 43: SELLING CONDITIONS FOR HOUSES

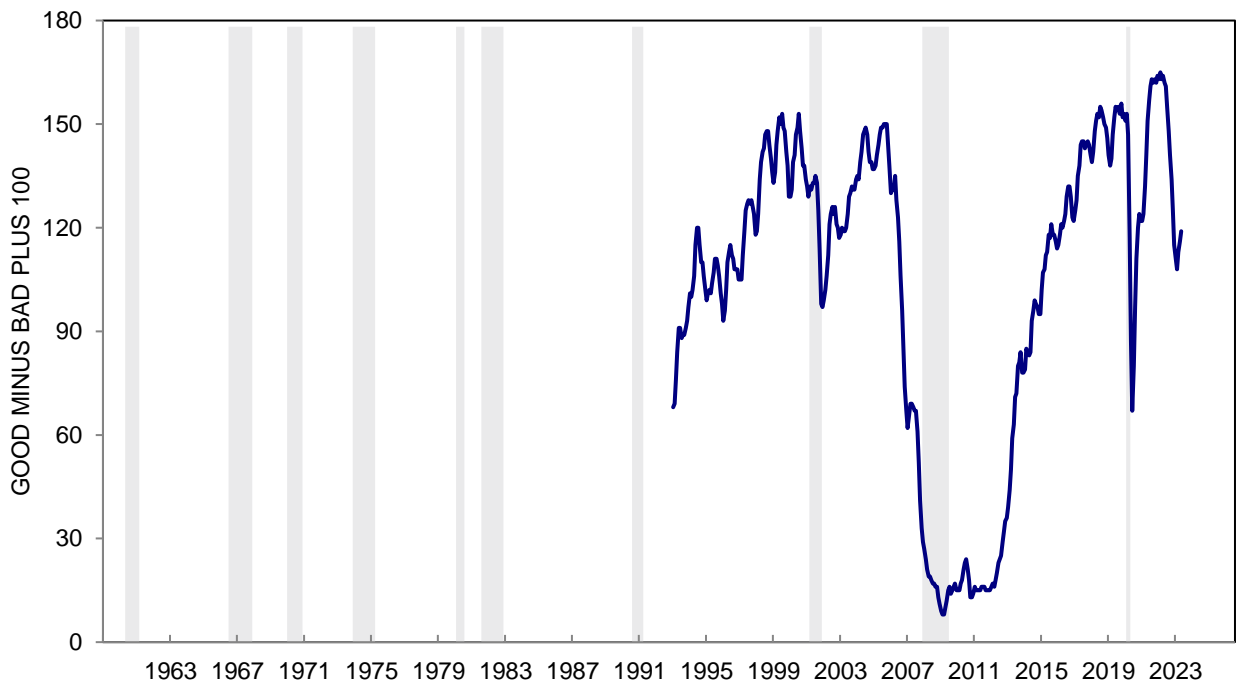


TABLE 44

SELECTED REASONS FOR OPINIONS ABOUT SELLING CONDITIONS FOR HOUSES

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
GOOD TIME TO SELL													
Prices are high; good sales available	62%	64%	53%	51%	52%	40%	39%	39%	37%	35%	40%	39%	42%
Prices won't go up; are going lower	4	4	7	5	6	7	6	5	5	6	7	5	4
Interest rates are low credit is easy	2	4	4	4	3	3	2	1	2	2	2	1	2
Sell-in-advance of rising interest rates	4	3	3	3	2	3	1	2	1	2	2	2	1
Times are good; prosperity	13	12	10	11	11	11	10	11	9	8	11	12	9
Capital appreciation; would make money	12	10	12	12	10	8	7	5	8	6	8	6	9
BAD TIME TO SELL													
Prices are low	4	5	8	9	9	13	15	16	15	17	13	13	15
Interest rates are high; credit is tight	3	4	9	11	8	17	21	25	21	22	17	14	19
Times are bad; can't afford to buy	5	4	9	11	11	10	13	12	16	17	15	15	14
Bad times ahead; uncertain future	2	2	2	3	2	3	2	4	2	4	2	2	2
Capital depreciation; would lose money	1	1	1	1	*	2	1	2	1	1	2	1	1

SELECTED REASONS FOR OPINIONS ABOUT HOME SELLING CONDITIONS

PRICES HIGH - PRICES LOW (THREE MONTH MOVING AVERAGES)

All	58	58	54	49	43	37	31	25	23	21	22	24	27
Age 18 to 44	57	57	52	48	46	41	36	28	26	24	25	25	29
Age 45 to 64	60	62	57	50	44	37	32	24	26	22	26	25	29
Age 65+	57	55	53	47	37	32	23	21	14	14	15	20	20
Income Bottom Third	39	41	39	40	34	30	29	30	31	24	22	21	24
Income Middle Third	61	62	57	52	48	45	37	29	27	25	26	26	30
Income Top Third	72	72	65	54	49	39	30	18	15	16	20	25	27
Educ High School or Less	42	41	37	36	37	36	31	29	26	24	22	21	23
Educ Some College	51	54	51	48	41	38	33	27	28	24	27	28	28
Educ College Degree	68	69	62	55	48	39	31	21	19	18	20	23	28
Democrat	62	62	55	49	41	34	26	22	19	17	19	24	29
Independent	54	54	51	47	44	38	35	26	24	21	23	23	24
Republican	61	64	58	52	42	39	32	26	29	26	26	25	29

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

All	3	1	-2	-4	-6	-9	-13	-19	-21	-21	-18	-16	-15
Age 18 to 44	2	1	-1	-4	-5	-8	-10	-13	-15	-15	-14	-12	-12
Age 45 to 64	4	2	-3	-5	-7	-9	-14	-22	-24	-26	-21	-19	-17
Age 65+	4	2	-2	-4	-7	-10	-16	-24	-25	-23	-19	-18	-19
Income Bottom Third	1	0	-2	-2	-3	-5	-7	-10	-10	-12	-10	-11	-8
Income Middle Third	4	2	-2	-6	-7	-8	-12	-19	-24	-23	-20	-17	-17
Income Top Third	5	2	-1	-5	-8	-14	-20	-27	-28	-28	-26	-22	-20
Educ High School or Less	4	1	-2	-2	-3	-5	-10	-16	-16	-14	-9	-9	-9
Educ Some College	0	0	-2	-7	-7	-8	-7	-14	-18	-18	-15	-13	-12
Educ College Degree	4	3	-2	-4	-8	-12	-17	-23	-24	-26	-24	-22	-21
Democrat	3	2	-1	-3	-6	-9	-11	-16	-19	-21	-21	-18	-17
Independent	2	-1	-4	-6	-5	-7	-10	-16	-17	-17	-13	-14	-13
Republican	5	4	0	-5	-9	-13	-19	-27	-27	-26	-20	-18	-17

Response to the query: "Why do you say so?" following the question on Table 43.

May add to more than 100% due to multiple mentions.

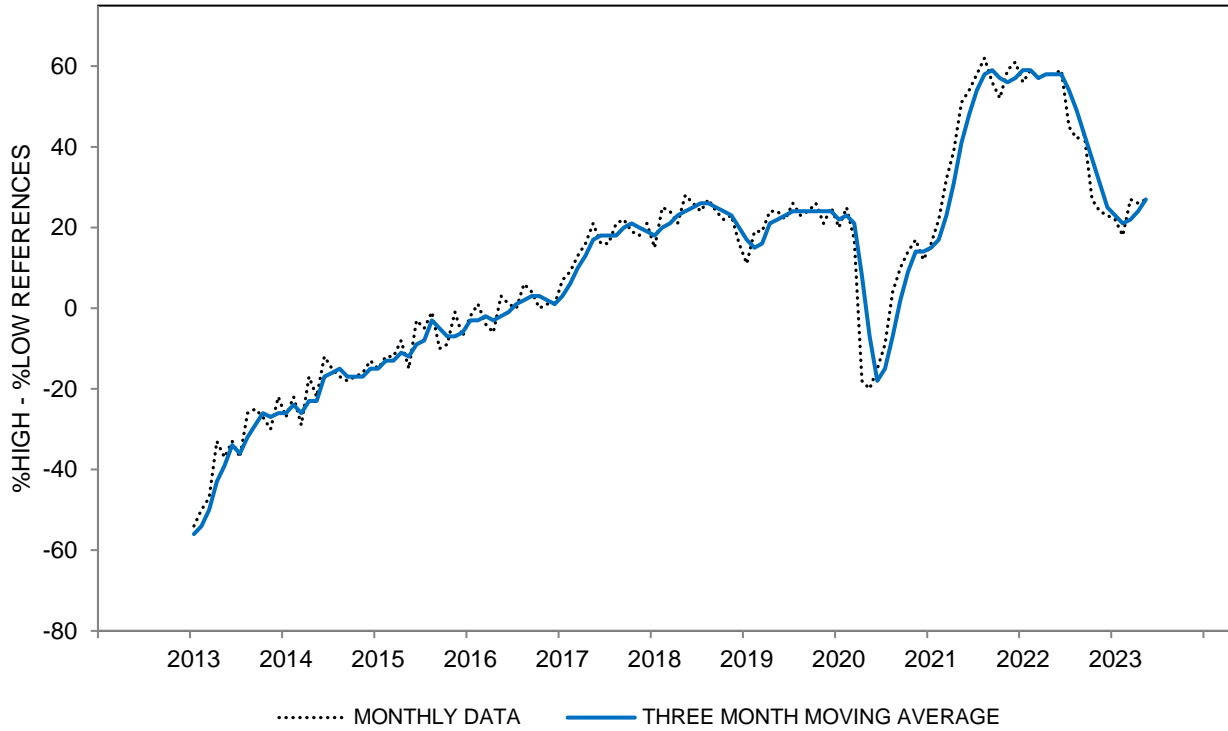
*: Less than half of one percent.

Response to the query: "Why do you say so?" following the question on Table 43.

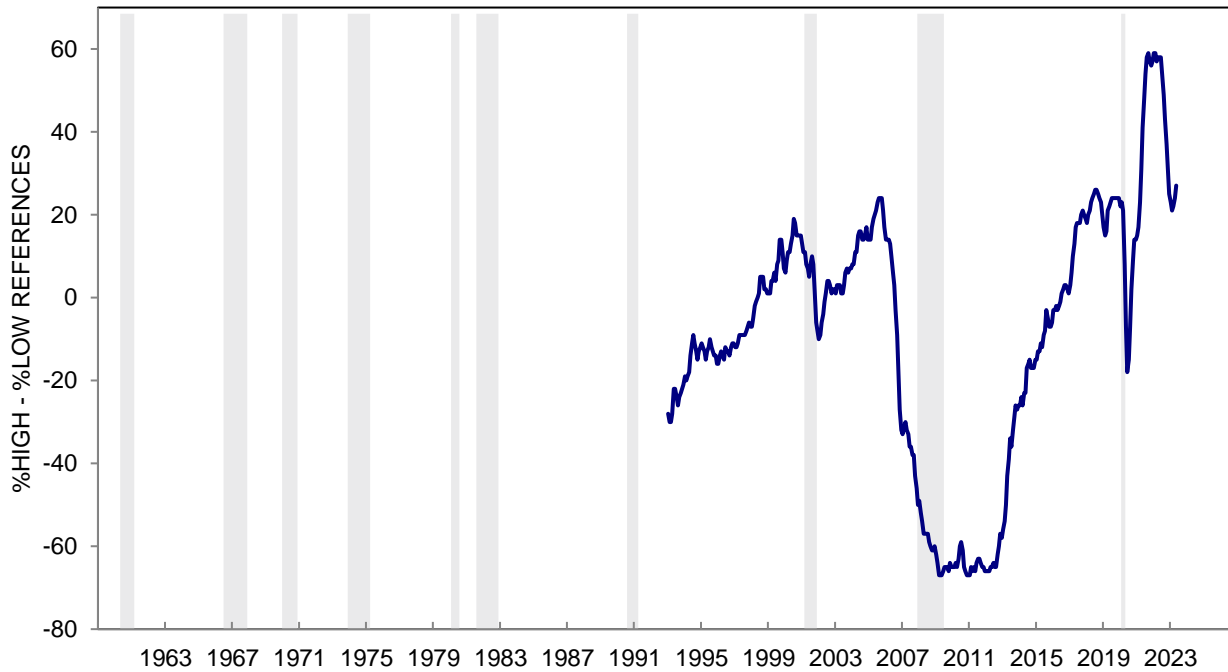
May add to more than 100% due to multiple mentions.

*: Less than half of one percent.

**CHART 44A: PRICE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%HIGH PRICES - %LOW PRICES)**



**CHART 44A: PRICE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%HIGH PRICES - %LOW PRICES)**



**CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES
(THREE MONTH MOVING AVERAGES)**

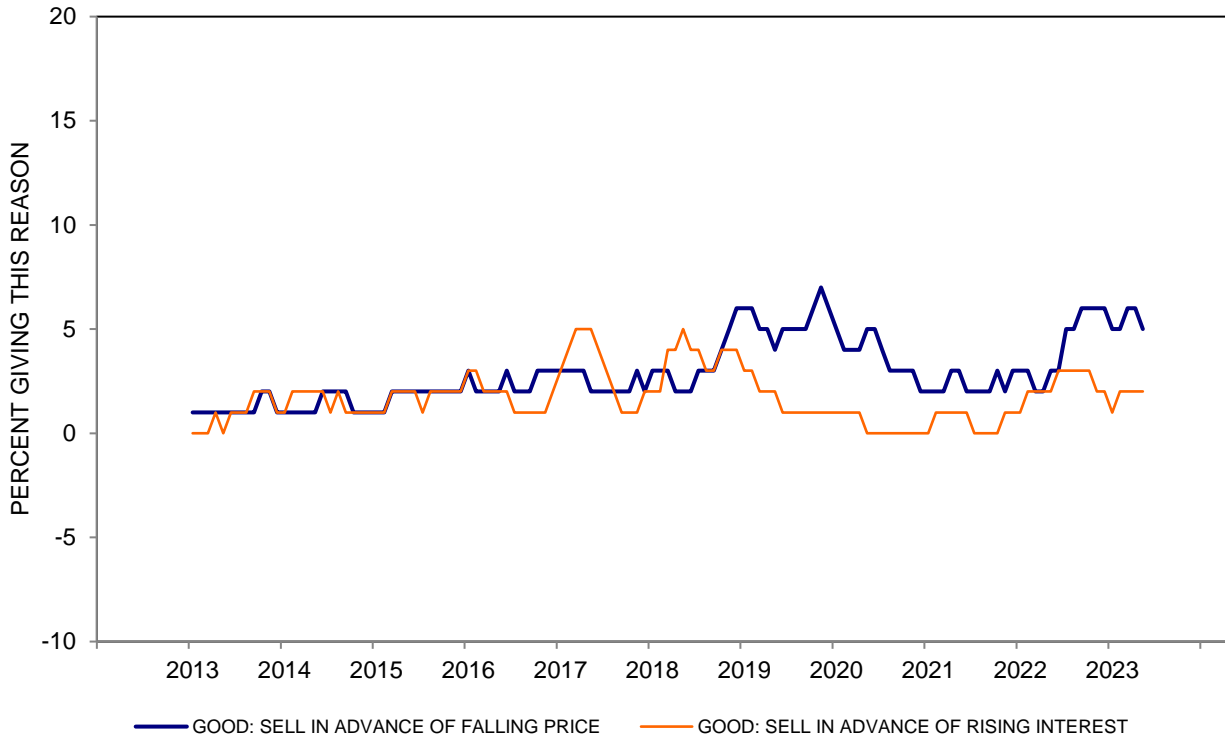
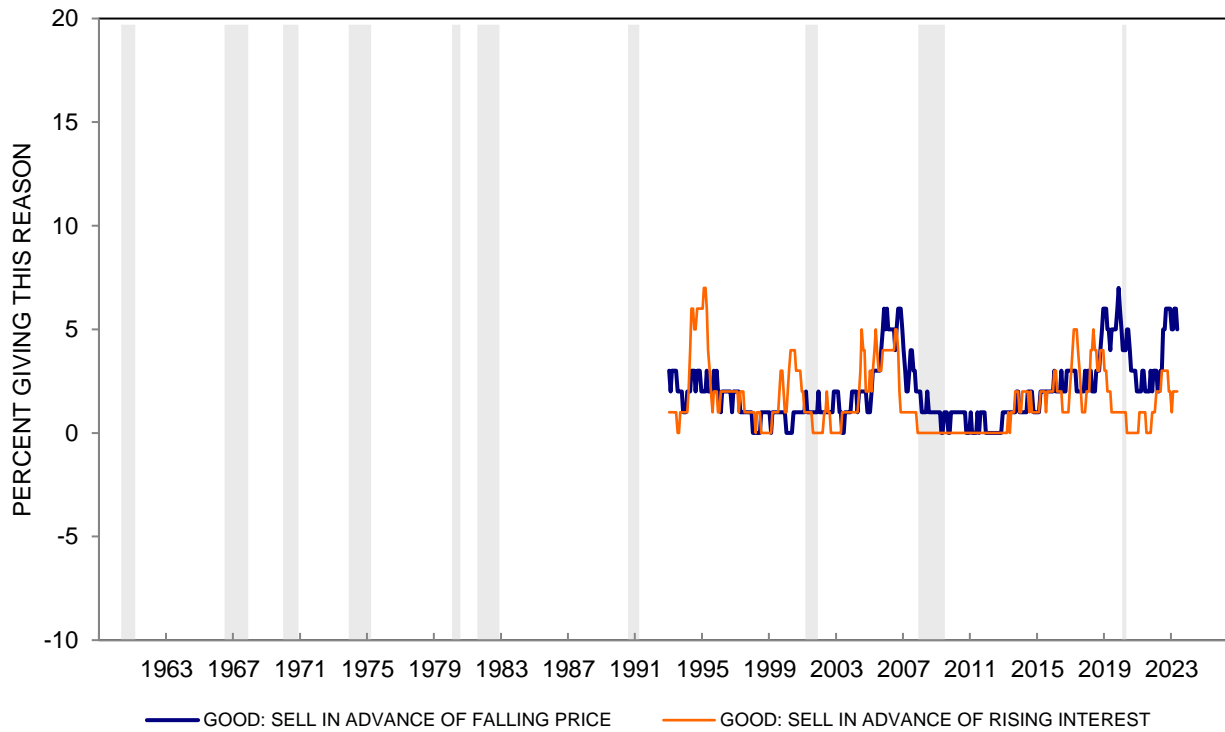
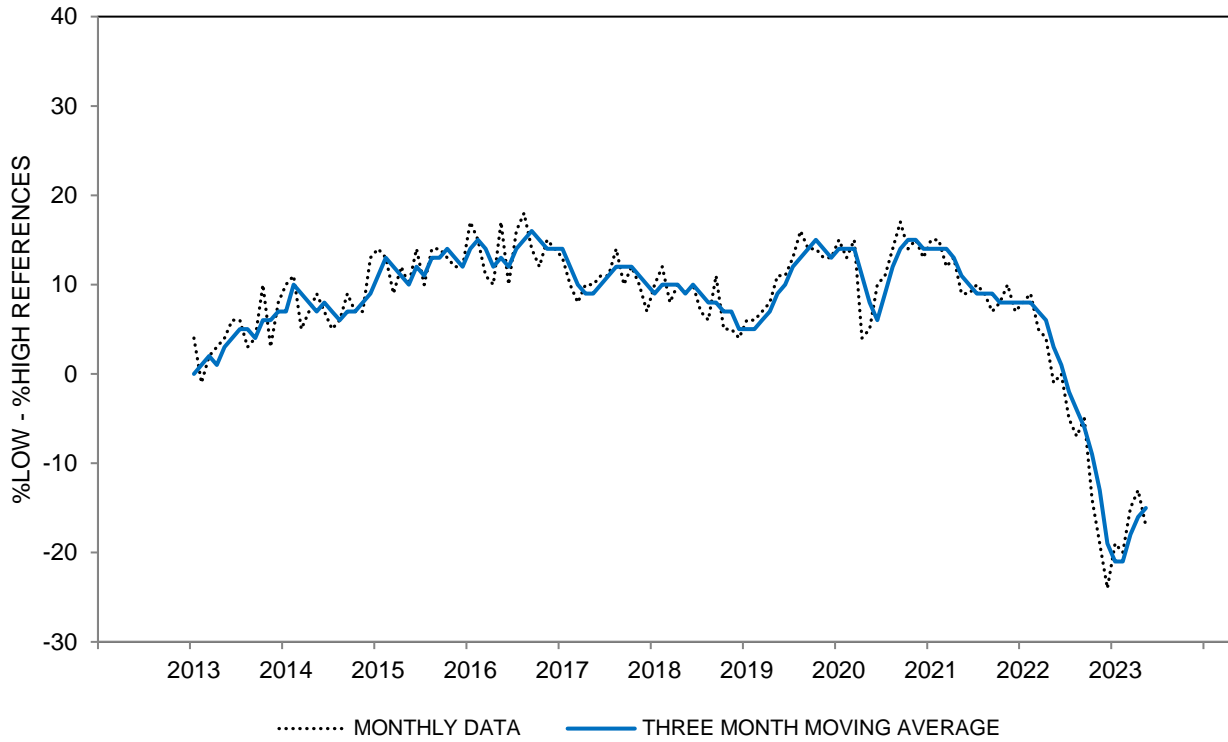


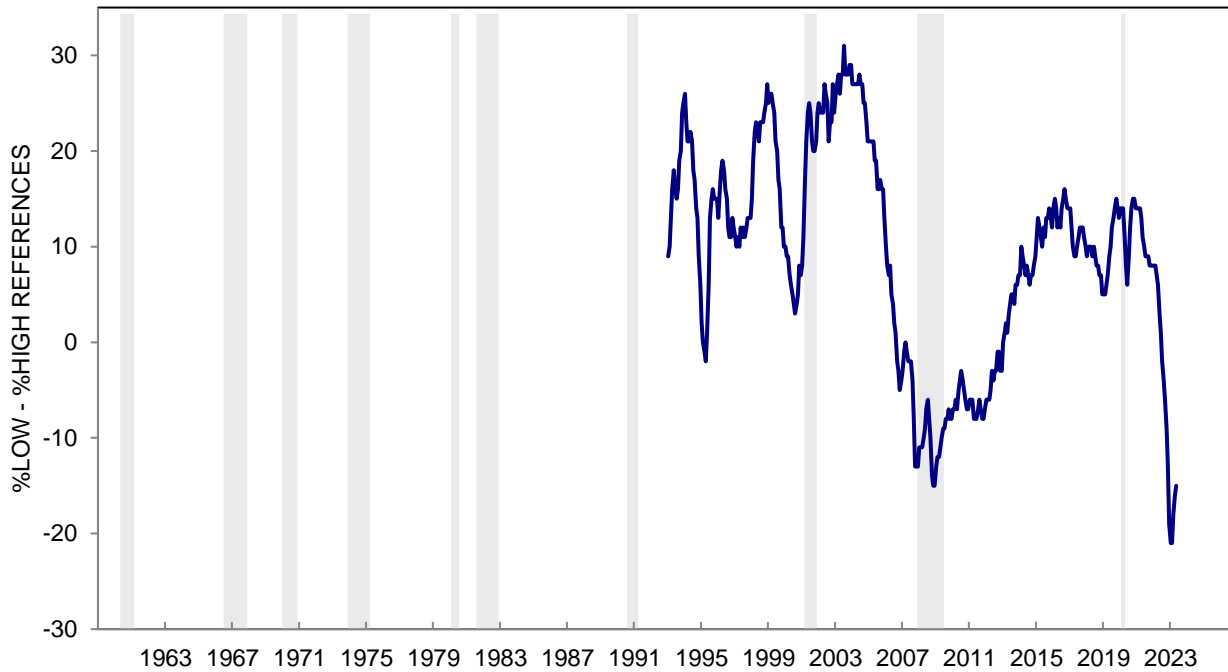
CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES



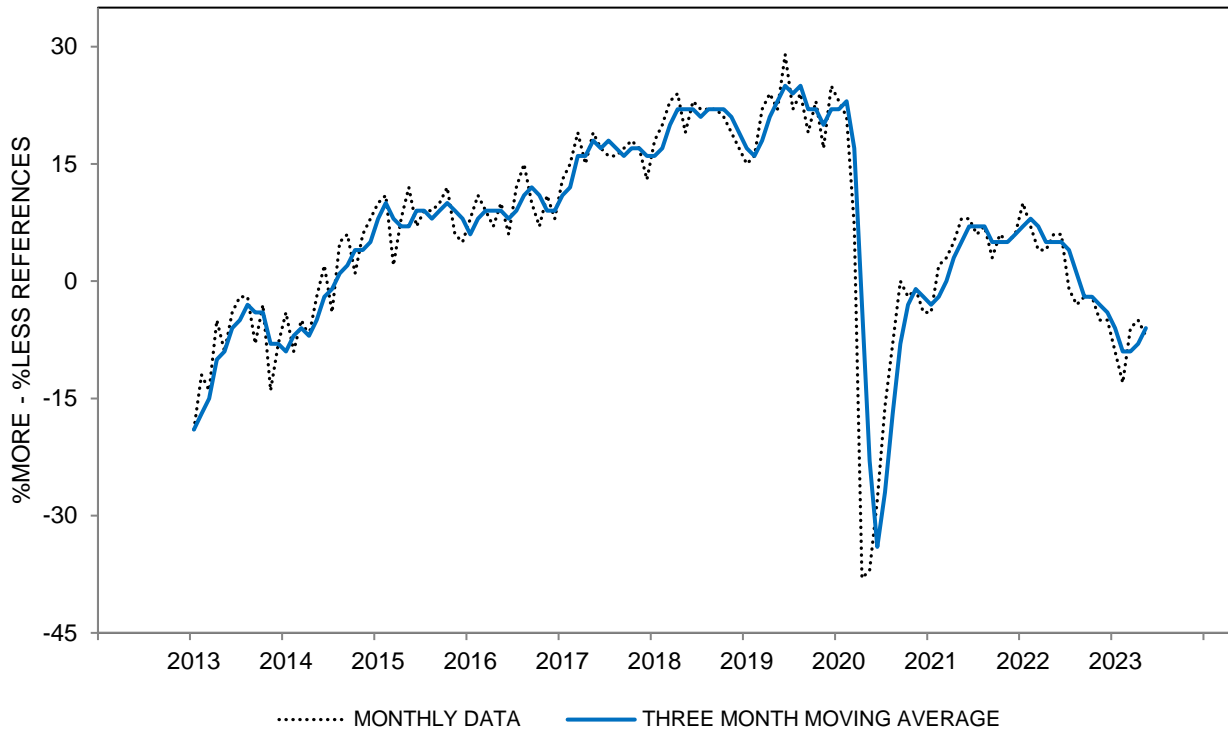
**CHART 44C: INTEREST RATE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



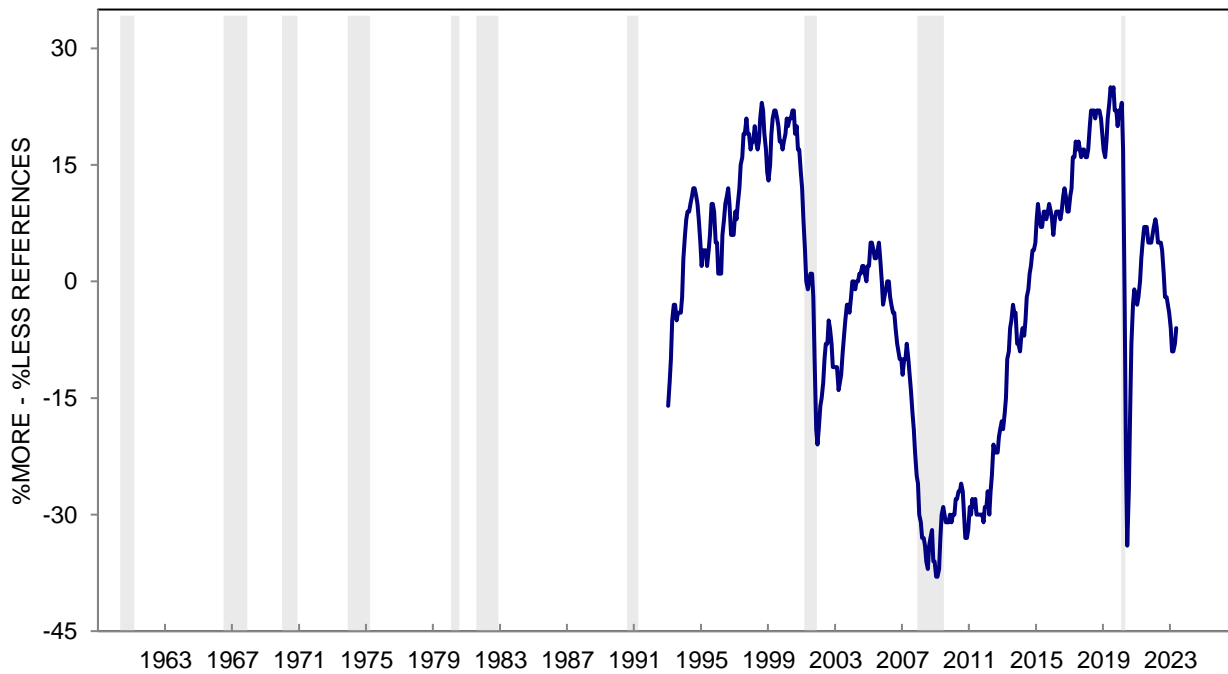
**CHART 44C: INTEREST RATE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



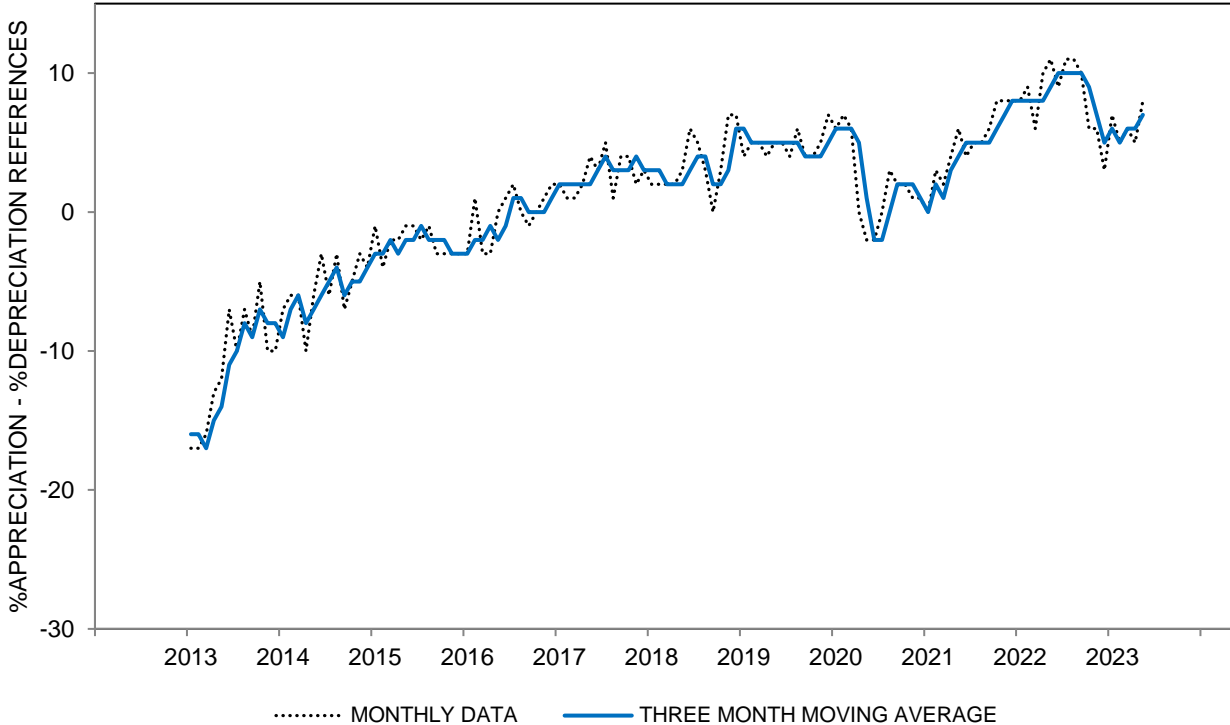
**CHART 44D: ECONOMIC CERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
(%MORE CERTAINTY - %LESS CERTAINTY)**



**CHART 44D: ECONOMIC CERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
(%MORE CERTAINTY - %LESS CERTAINTY)**



**CHART 44E: CAPITAL GAIN REASONS FOR SELLING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)**



**CHART 44E: CAPITAL GAIN REASONS FOR SELLING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)**

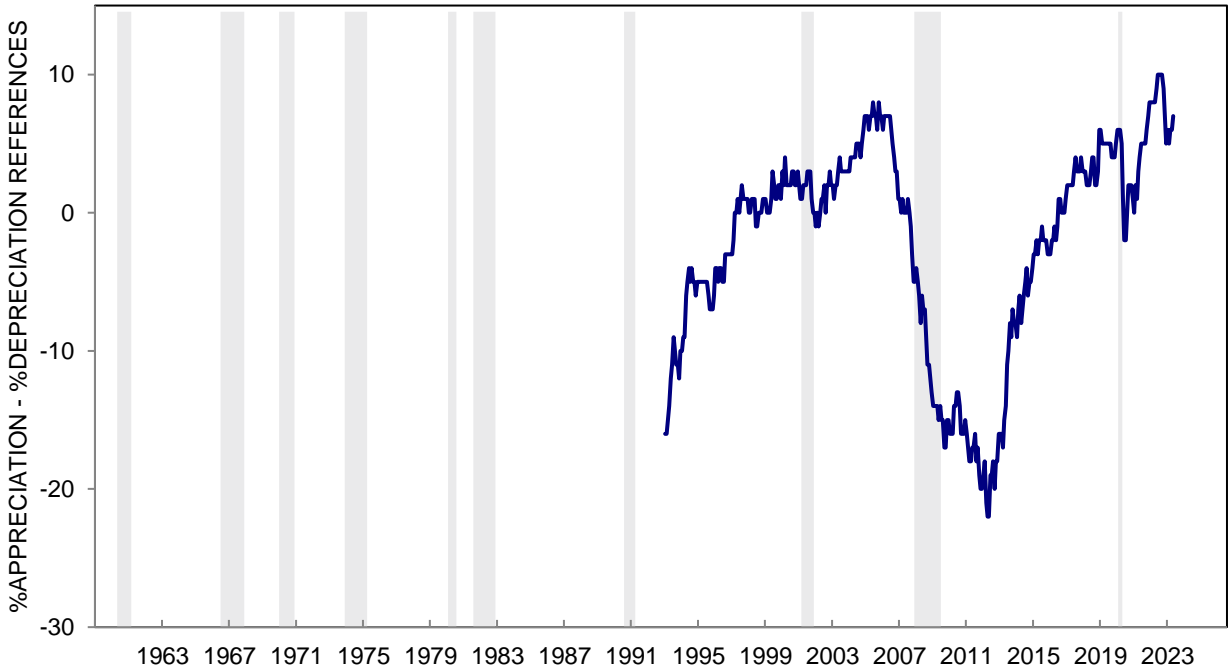


TABLE 45

CHANGE IN HOME VALUES DURING THE PAST YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
VALUE INCREASED	80%	79%	80%	72%	71%	69%	60%	59%	54%	47%	56%	52%	57%
VALUE SAME	17	17	15	22	22	21	27	26	26	30	26	32	24
VALUE DECREASED	2	3	4	5	6	9	11	13	18	22	17	14	16
DK, NA	1	1	1	1	1	1	2	2	2	1	1	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	432	440	430	438	427	425	418	442	412	440	406	439	426
INDEX SCORE	178	176	176	167	165	160	149	146	136	125	139	138	141

**CHANGE IN HOME VALUES DURING THE PAST YEAR - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	181	178	177	173	169	164	158	152	144	136	133	134	139
Age 18 to 44	180	177	176	177	174	165	157	152	147	132	125	127	138
Age 45 to 64	181	179	175	170	165	161	155	146	136	131	131	134	136
Age 65+	182	180	180	173	170	165	162	157	150	146	144	140	144
Income Bottom Third	167	163	165	164	165	159	155	155	152	146	146	143	151
Income Middle Third	180	177	177	175	170	165	164	160	153	142	139	138	143
Income Top Third	189	188	185	179	172	166	154	144	134	128	125	127	130
Educ High School or Less	169	164	161	163	164	165	158	150	146	139	142	136	145
Educ Some College	178	177	175	170	165	160	162	160	155	145	142	142	144
Educ College Degree	187	185	184	179	174	166	155	147	138	131	126	129	135
Democrat	181	181	179	178	174	168	160	155	148	141	134	135	141
Independent	183	178	178	174	169	163	159	154	147	137	136	133	136
Republican	180	179	175	170	165	163	155	146	135	127	129	134	142
Home Value Bottom Third	165	162	164	162	162	157	156	153	150	143	140	139	143
Home Value Middle Third	187	186	183	183	176	174	167	158	151	144	145	145	147
Home Value Top Third	191	188	185	178	173	165	153	146	132	124	118	122	130

The question was: "Do you think the current value of your home--I mean, what it would bring if you sold it today--has increased compared with a year ago, has decreased compared with a year ago, or has it remained about the same?"

CASES is the number of homeowners.

*: Less than half of one percent. Index Score is the percent favorable minus the percent unfavorable plus 100

CHART 45: CHANGE IN HOME VALUES DURING THE PAST YEAR

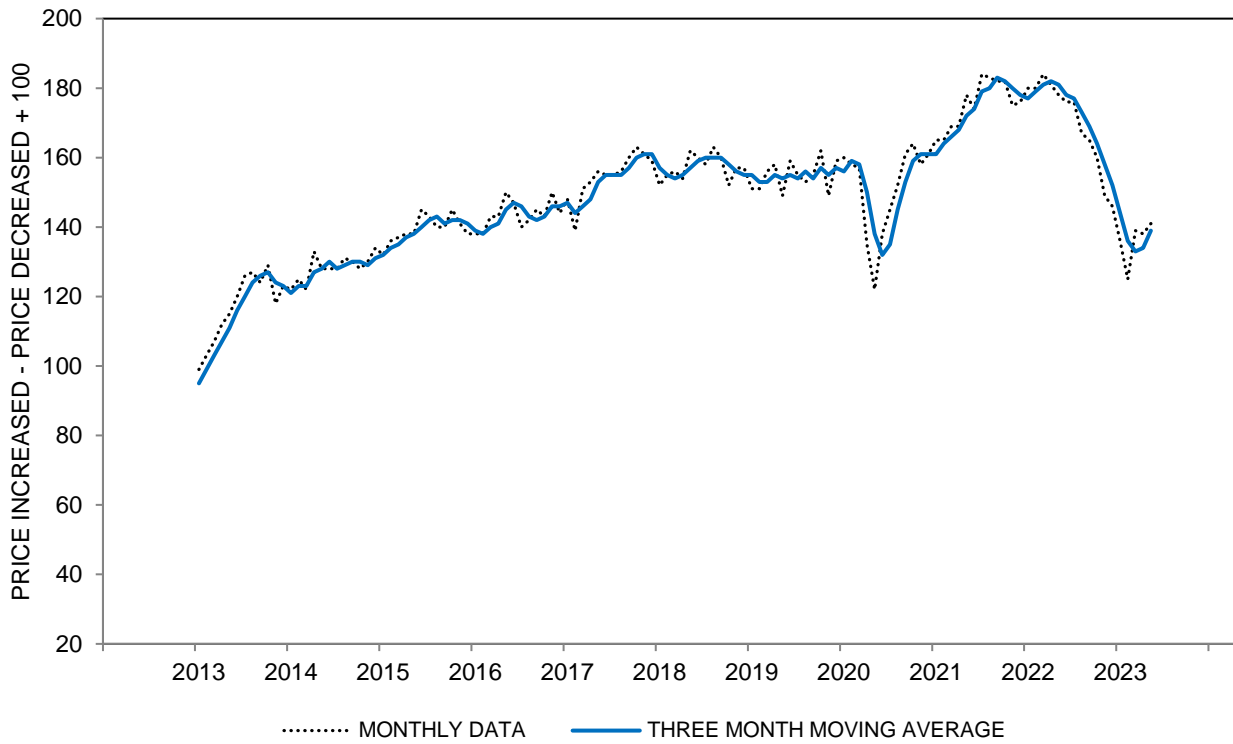


CHART 45: CHANGE IN HOME VALUES DURING THE PAST YEAR

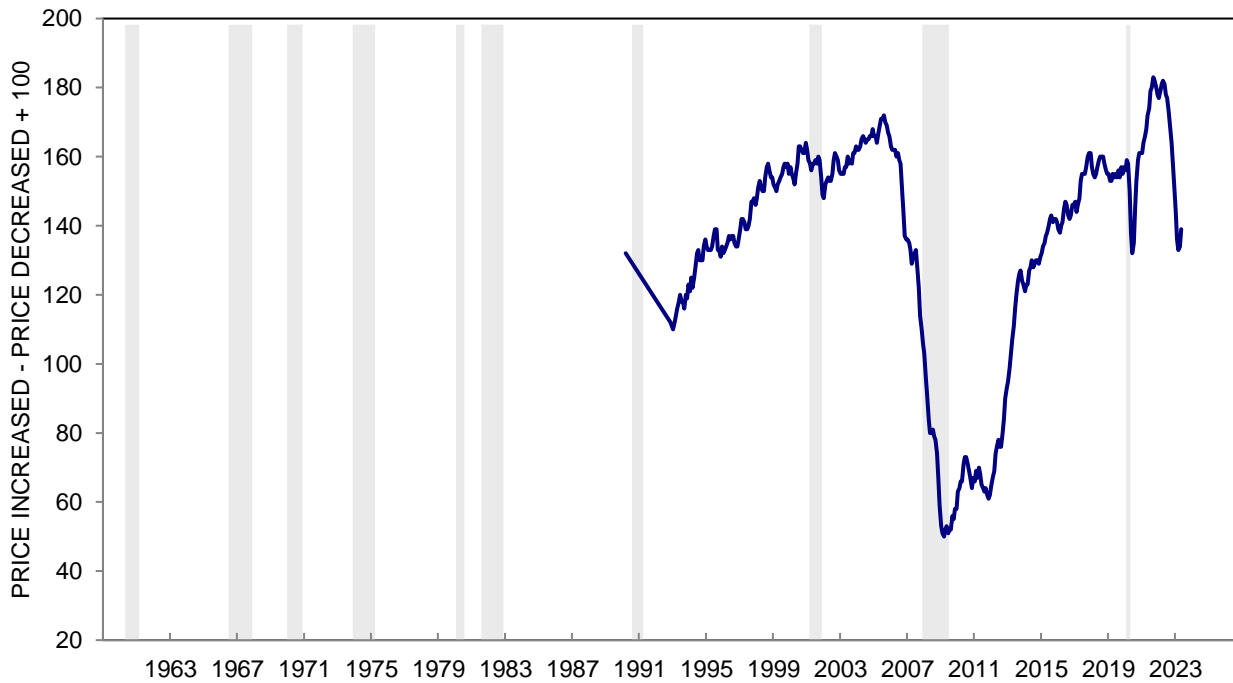


TABLE 46

EXPECTED CHANGE IN HOME VALUES DURING THE NEXT YEAR

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
INCREASE	47%	41%	35%	31%	34%	38%	31%	30%	27%	34%	36%	38%	38%
REMAIN THE SAME	38	38	37	43	39	37	38	39	42	43	40	44	44
DECREASE	14	19	27	25	26	24	30	31	31	22	23	17	17
DK, NA	1	2	1	1	1	1	1	*	*	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	432	440	430	438	427	425	418	442	412	440	406	439	426
MEDIAN INCREASE	0.4	0.3	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.2	0.2	0.2
25th PERCENTILE	-0.2	-0.3	-2.5	-0.9	-2.8	-0.5	-4.7	-4.6	-4.7	-0.4	-0.5	-0.3	-0.3
75th PERCENTILE	6.1	5.2	4.8	3.5	4.6	4.6	3.2	2.6	1.6	3.4	3.1	4.2	4.5
INTERQUARTILE RANGE (75th-25th)	6.3	5.5	7.3	4.4	7.3	5.1	7.9	7.2	6.2	3.8	3.6	4.5	4.8
MEAN INCREASE	2.9	1.6	0.0	0.1	0.0	0.5	-0.2	-0.7	-1.0	1.1	0.3	1.0	1.0
VARIANCE	99	80	97	80	85	65	95	60	52	58	64	60	54

**EXPECTED CHANGE IN HOME VALUES DURING THE NEXT YEAR - MEDIAN INCREASE
THREE MONTH MOVING AVERAGES**

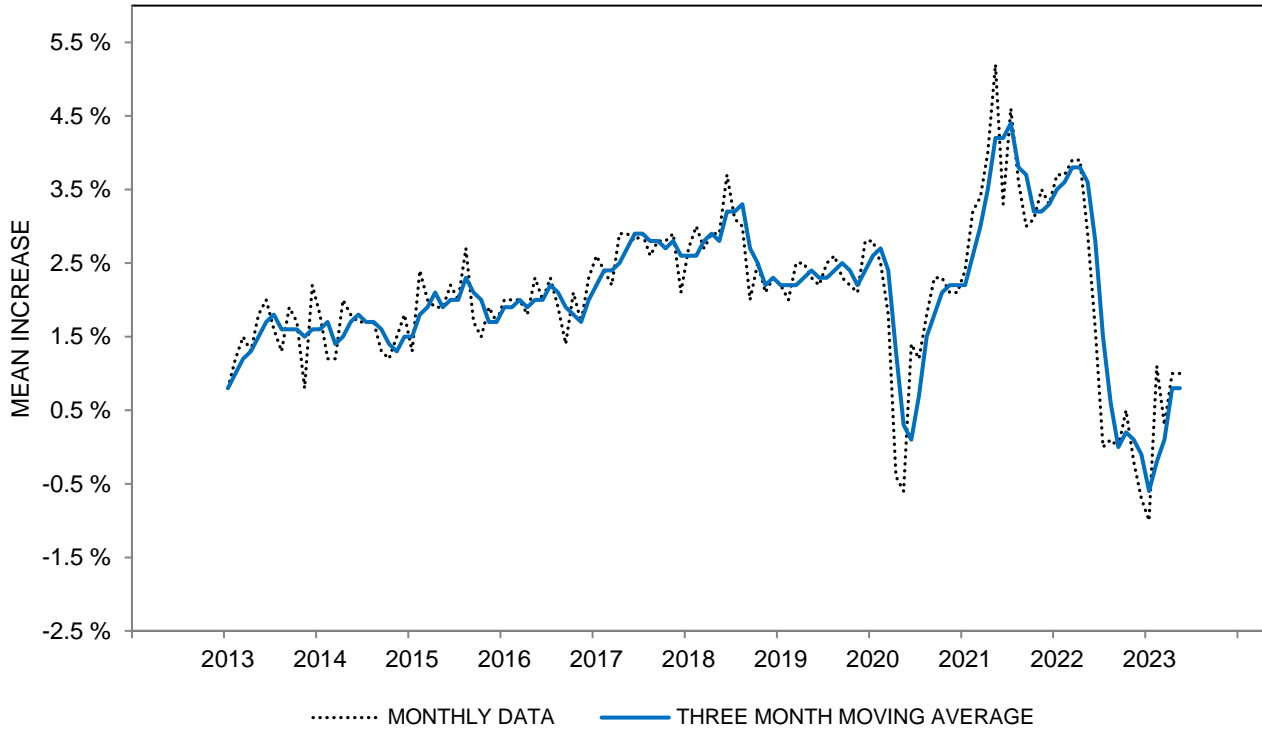
All	2.0	1.2	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.2
Age 18 to 44	2.5	1.1	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.2	0.3
Age 45 to 64	0.6	0.5	0.4	0.0	-0.2	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	0.1	0.1
Age 65+	2.9	2.0	0.5	0.4	0.3	0.5	0.4	0.1	-0.1	0.0	0.2	0.2	0.2
Income Bottom Third	2.0	1.6	0.4	0.2	0.0	-0.2	-0.1	0.2	0.1	0.1	0.1	0.2	0.0
Income Middle Third	1.1	1.0	0.4	0.2	0.2	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.2
Income Top Third	2.1	1.1	0.2	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	0.1	0.3
Educ High School or Less	0.3	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Educ Some College	2.5	1.8	0.8	0.1	-0.1	-0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1
Educ College Degree	2.7	1.3	0.2	0.1	0.1	0.1	0.1	-0.1	-0.2	-0.2	0.0	0.1	0.2
Democrat	3.1	2.1	1.1	0.3	0.2	0.2	0.3	0.3	0.1	0.0	0.0	0.2	0.3
Independent	2.1	1.3	0.1	0.2	0.1	0.2	0.1	0.0	-0.1	-0.1	-0.1	0.0	0.1
Republican	0.4	0.3	0.3	0.2	-0.2	-0.5	-0.6	-0.3	-0.2	-0.1	0.0	0.2	0.1
Home Value Bottom Third	1.0	1.0	0.3	0.2	0.1	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.1
Home Value Middle Third	2.6	1.6	0.3	0.3	0.2	0.1	0.1	0.0	0.0	-0.1	0.0	0.0	0.0
Home Value Top Third	2.6	1.1	0.2	0.0	-0.2	-0.3	-0.3	-0.3	-0.4	-0.3	-0.1	0.1	0.3

The questions were: "What do you think will happen to the prices of homes like yours in your community over the next 12 months? Will they increase at a rapid rate, increase at a moderate rate, remain about the same, decrease at a moderate rate, or decrease at a rapid rate?"
 "By about what percent do you expect prices of homes like yours in your community to go (up/down), on average, over the next 12 months?"

CASES is the number of homeowners.

*: Less than half of one percent.

**CHART 46: EXPECTED MEAN CHANGE IN HOME VALUES
DURING THE NEXT YEAR**



**CHART 46: EXPECTED MEAN CHANGE IN HOME VALUES
DURING THE NEXT YEAR**

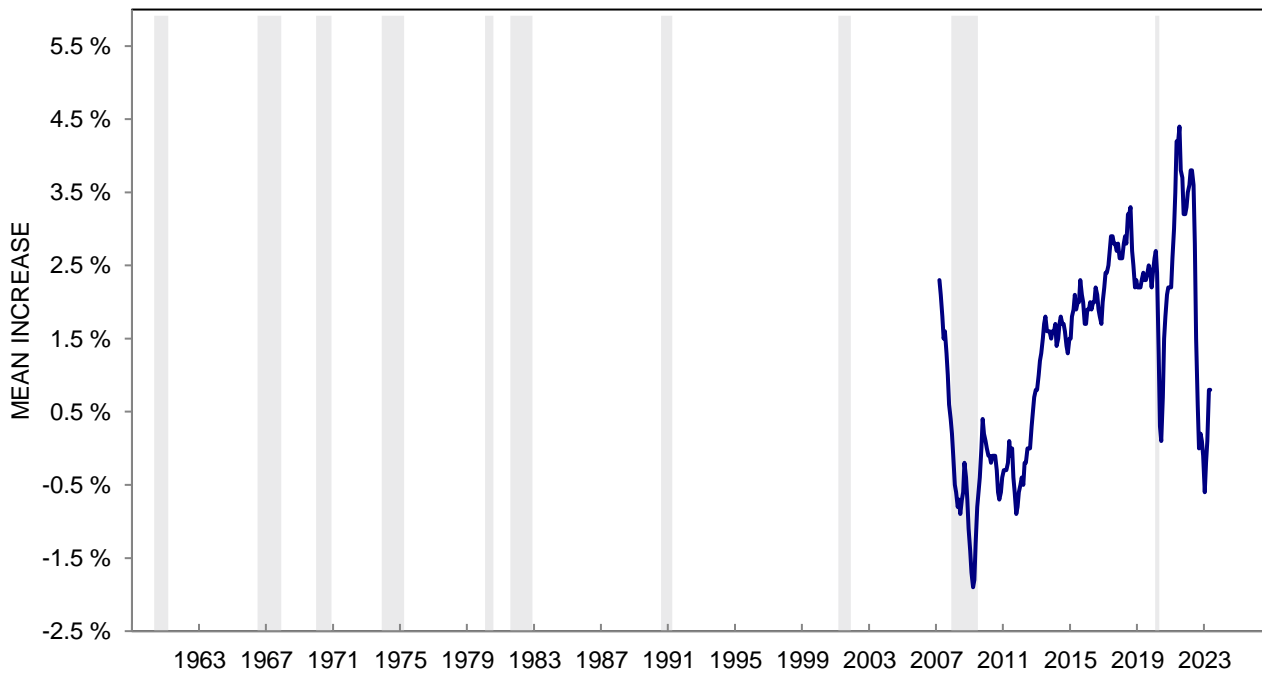


TABLE 47**EXPECTED CHANGE IN HOME VALUES DURING THE NEXT 5 YEARS**

	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023
INCREASE	58%	55%	53%	58%	50%	58%	56%	59%	60%	65%	58%	63%	62%
REMAIN THE SAME	22	24	28	27	28	26	27	24	25	24	25	23	23
DECREASE	18	18	17	12	19	14	14	14	13	10	14	10	13
DK, NA	2	3	2	3	3	2	3	3	2	1	3	4	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	432	440	430	438	427	425	418	442	412	440	406	439	426
MEDIAN INCREASE	2.5	2.1	1.7	2.3	1.1	2.2	1.8	2.2	2.4	2.4	2.0	2.7	2.7
25th PERCENTILE	-0.2	-0.2	-0.2	-0.1	-0.3	-0.1	-0.1	-0.1	0.0	0.1	-0.1	0.1	0.0
75th PERCENTILE	5.3	5.0	5.0	4.9	4.7	5.0	5.1	5.0	4.9	5.1	4.9	5.0	5.2
INTERQUARTILE RANGE (75th-25th)	5.6	5.2	5.2	5.0	5.0	5.1	5.2	5.1	4.9	5.0	5.0	4.9	5.2
MEAN INCREASE	2.9	2.0	2.1	2.5	2.1	2.6	2.7	2.2	2.3	3.1	2.3	3.1	2.8
VARIANCE	62	50	53	37	49	41	46	38	34	29	33	35	33

**EXPECTED CHANGE IN HOME VALUES DURING THE NEXT 5 YEARS - MEDIAN INCREASE
THREE MONTH MOVING AVERAGES**

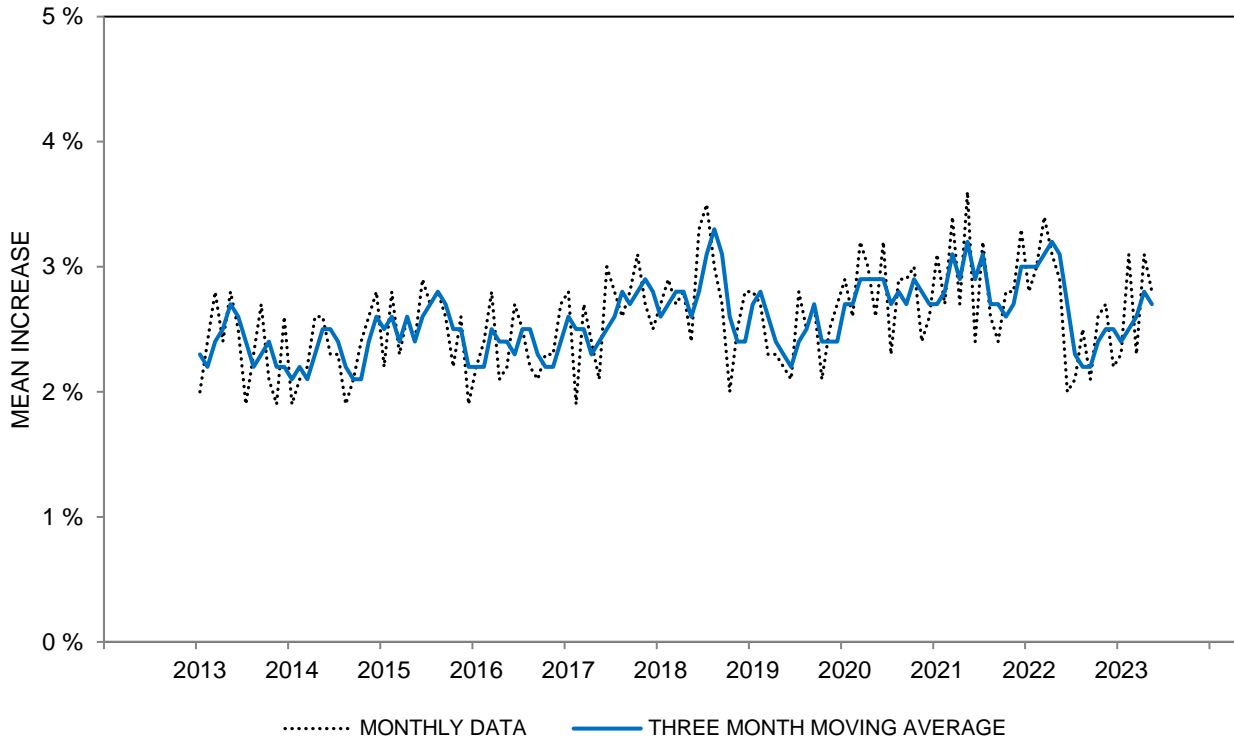
All	2.7	2.5	2.1	2.0	1.7	1.9	1.7	2.1	2.1	2.3	2.3	2.4	2.5
Age 18 to 44	2.7	2.7	2.2	2.3	1.7	2.2	1.8	2.3	2.3	2.7	2.1	2.2	2.3
Age 45 to 64	2.1	1.6	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.4	1.7	2.3	2.4
Age 65+	3.1	2.9	2.7	2.2	1.9	1.9	2.2	2.6	2.7	2.7	2.8	2.6	2.8
Income Bottom Third	2.4	1.7	1.8	1.7	2.0	1.7	1.8	1.4	1.2	0.9	1.2	1.6	1.8
Income Middle Third	2.6	2.5	2.2	2.0	1.5	1.7	1.3	1.9	1.8	2.2	2.2	2.1	2.3
Income Top Third	2.8	2.6	2.1	2.1	1.7	2.1	2.1	2.5	2.7	2.8	2.6	2.6	2.6
Educ High School or Less	0.9	1.5	1.6	1.2	0.7	0.9	1.8	2.1	2.0	1.1	1.3	1.4	1.9
Educ Some College	3.1	2.8	1.9	1.5	1.3	1.7	1.7	1.7	1.5	1.9	1.5	1.9	2.0
Educ College Degree	2.9	2.5	2.3	2.3	2.2	2.3	2.1	2.4	2.5	2.7	2.7	2.8	2.8
Democrat	3.0	2.8	2.7	2.6	2.4	2.4	2.6	3.0	2.9	2.7	2.7	2.8	3.0
Independent	2.8	2.5	2.1	1.9	1.4	1.5	1.4	2.1	2.3	2.5	2.5	2.4	2.4
Republican	1.9	1.8	1.3	1.5	1.6	1.7	1.1	0.7	0.9	1.0	1.1	1.6	1.7
Home Value Bottom Third	1.9	1.7	1.4	1.1	1.0	0.9	0.8	0.9	1.0	1.2	1.5	1.5	1.6
Home Value Middle Third	2.8	2.3	1.8	2.1	2.1	2.4	2.3	2.6	2.4	2.5	2.1	2.4	2.2
Home Value Top Third	2.9	2.8	2.7	2.6	2.0	2.1	2.0	2.7	2.7	2.8	3.0	3.0	3.1

The questions were: "What about the outlook for prices of homes like yours in your community over the next 5 years or so? Do you expect them to increase, remain about the same, or decrease?"
 "By about what percent per year do you expect prices of homes like yours in your community to go (up/down), on average, over the next 5 years or so?"

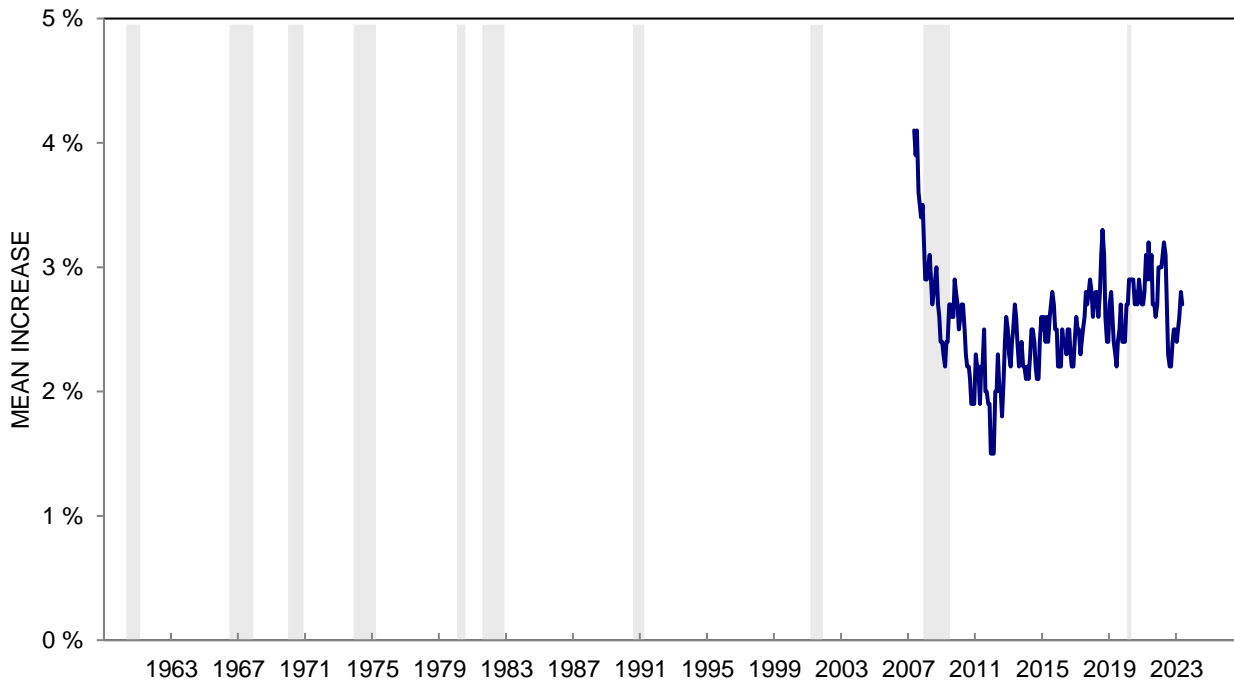
CASES is the number of homeowners.

*: Less than half of one percent.

**CHART 47: EXPECTED MEAN CHANGE IN HOME VALUES
DURING THE NEXT FIVE YEARS**



**CHART 47: EXPECTED MEAN CHANGE IN HOME VALUES
DURING THE NEXT FIVE YEARS**



RECOMMENDED ALLOWANCE FOR SAMPLING ERROR OF A PERCENTAGE

(Sampling Error Allowance in Percentage Points¹)

For Estimated Percentage Near	Number of Interviews											
	100	200	300	400	500	750	1000	1250	1500	2000	2500	3000
1% or 99%	2.2	1.6	1.3	1.1	1.0	0.8	0.7	0.6	0.6	0.5	0.4	0.4
5% or 95%	4.9	3.5	2.8	2.4	2.2	1.8	1.5	1.4	1.3	1.1	1.0	0.9
10% or 90%	6.7	4.8	3.9	3.4	3.0	2.4	2.1	1.9	1.7	1.5	1.3	1.2
20% or 80%	9.0	6.3	5.2	4.5	4.0	3.3	2.8	2.5	2.3	2.0	1.8	1.6
30% or 70%	10.3	7.3	5.9	5.1	4.6	3.7	3.2	2.9	2.6	2.3	2.0	1.9
40% or 60%	11.0	7.8	6.3	5.5	4.9	4.0	3.5	3.1	2.8	2.4	2.2	2.0
50%	11.2	7.9	6.5	5.6	5.0	4.1	3.5	3.2	2.9	2.5	2.2	2.0

¹ The figures in this table represent two standard errors. Hence, the chances are 95 in 100 that the true percentage lies within a range equal to the observed percentage, plus or minus the sampling error.

DESCRIPTION OF CHARTS

DATA POINTS

QUARTERLY DATA: Data collected by surveys conducted at three month intervals before 1978.

MONTHLY DATA: Data collected by surveys conducted each month since January of 1978.

THREE-MONTH
MOVING AVERAGE Each point plotted represents the average of the three
monthly observations ending at the date plotted.

HISTORICAL SERIES CHARTS Quarterly data prior to 1978 and three month moving
average starting in 1978.

TIME SCALE

Each tic mark on the time scale represents the month of January for the indicated year.

RECESSION PERIODS

December	1948 - October	1949
August	1953 - May	1954
September	1957 - April	1958
May	1960 - February	1961
July	1966 - November	1967*
January	1970 - November	1970
December	1973 - March	1975
February	1980 - July	1980
August	1981 - November	1982
August	1990 - March	1991
March	2001 - November	2001
December	2007 - June	2009
February	2020 - April	2020

Recession dates are determined by the National Bureau of Economic Research.

RECESSION PERIOD: Reduction in the national output of goods and services, generally
lasting at least two quarters.

*GROWTH RECESSION: Retardation in the rate of growth of output and employment (usually
followed by a recession and always the initial stage of a recession).