



July 2024

The July survey was the 672nd 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.

Note: On February 21, 2025, historical data for Table 46 Expected Change in Home Values During the Next Year for May 2024 through December 2024 were revised to correct an intermediate data processing issue. Please refer to the February 2025 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
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	56.7	59.3	53.6
December	2022	59.8	61.6	59.4
January	2023	64.9	64.4	65.2
February	2023	66.9	66.8	67.7
March	2023	62.0	58.9	66.0
April	2023	63.7	64.9	61.6
May	2023	59.0	58.6	59.0
June	2023	64.2	63.5	67.1
July	2023	71.5	64.3	80.6
August	2023	69.4	63.1	76.5
September	2023	67.8	65.0	71.7
October	2023	63.8	61.1	67.1
November	2023	61.3	57.1	67.2
December	2023	69.7	67.0	74.8
January	2024	79.0	75.4	85.1
February	2024	76.9	71.6	83.6
March	2024	79.4	76.9	83.0
April	2024	77.2	72.1	85.9
May	2024	69.1	70.2	78.8
June	2024	68.2	70.5	81.4
July	2024	66.4	62.3	66.8

CHART 1A: THE INDEX OF CONSUMER SENTIMENT

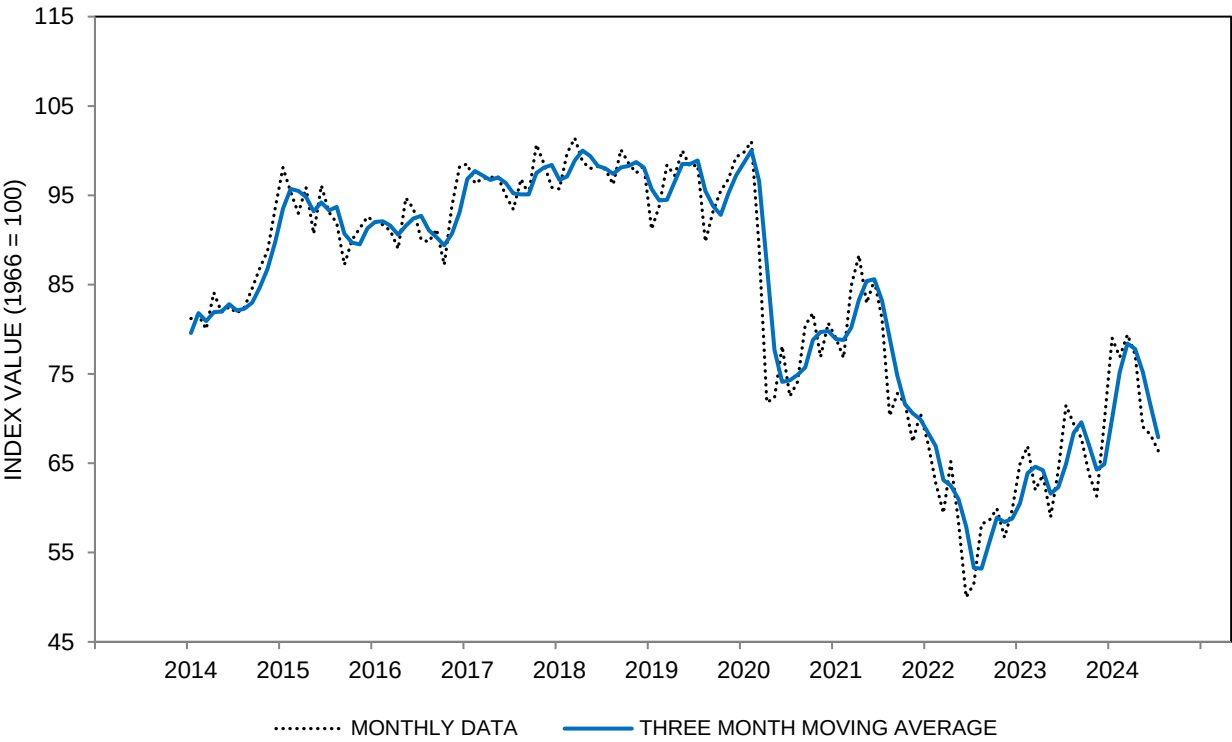


CHART 1A: THE INDEX OF CONSUMER SENTIMENT

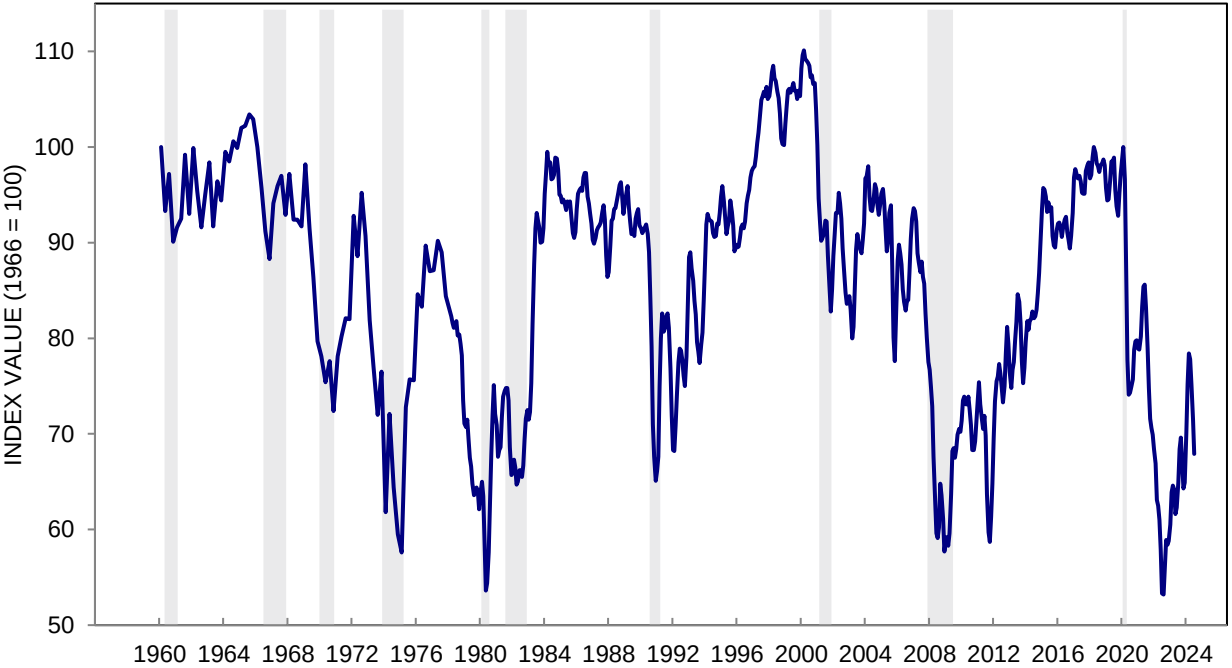


TABLE 1B

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 Index	Finances Current	Conditions Durables	Economic Index	Finances Expected	Conditions 1 Year	Conditions 5 Years
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	58.7	77	73	55.5	106	49	65
December	2022	59.6	76	77	60.0	107	61	71
January	2023	68.5	89	87	62.6	112	59	77
February	2023	70.7	91	90	64.5	111	67	79
March	2023	66.3	88	82	59.2	104	58	73
April	2023	68.5	84	91	60.6	105	60	76
May	2023	65.1	85	82	55.1	104	49	65
June	2023	68.9	85	92	61.1	107	63	73
July	2023	76.5	96	101	68.3	113	73	86
August	2023	75.5	93	102	65.4	115	70	76
September	2023	71.1	86	96	65.7	110	73	79
October	2023	70.6	79	102	59.3	101	61	74
November	2023	68.3	84	92	56.8	106	57	63
December	2023	73.3	88	100	67.4	112	73	84
January	2024	81.9	100	111	77.1	122	93	94
February	2024	79.4	98	106	75.2	116	93	92
March	2024	82.5	104	109	77.4	122	95	94
April	2024	79.0	95	109	76.0	116	92	96
May	2024	69.6	91	88	68.8	111	79	84
June	2024	65.9	81	88	69.6	106	84	88
July	2024	62.7	79	81	68.8	105	86	84

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

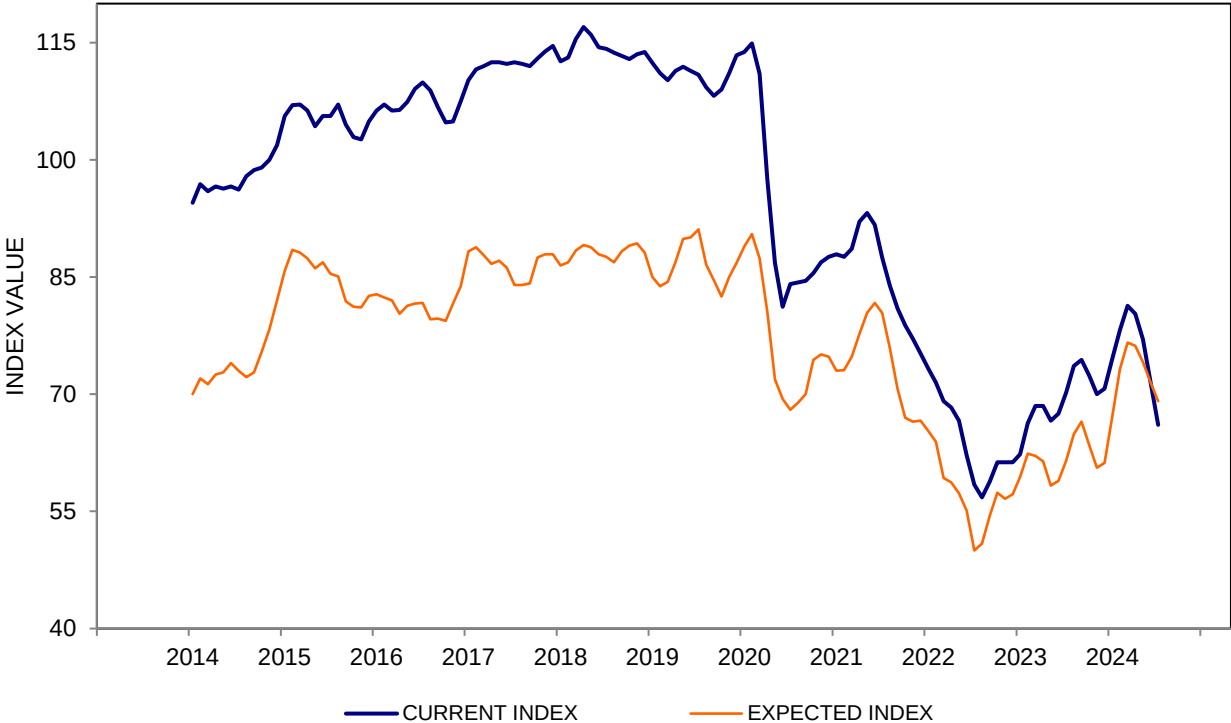


CHART 1B: CURRENT AND EXPECTED COMPONENTS OF THE SENTIMENT INDEX

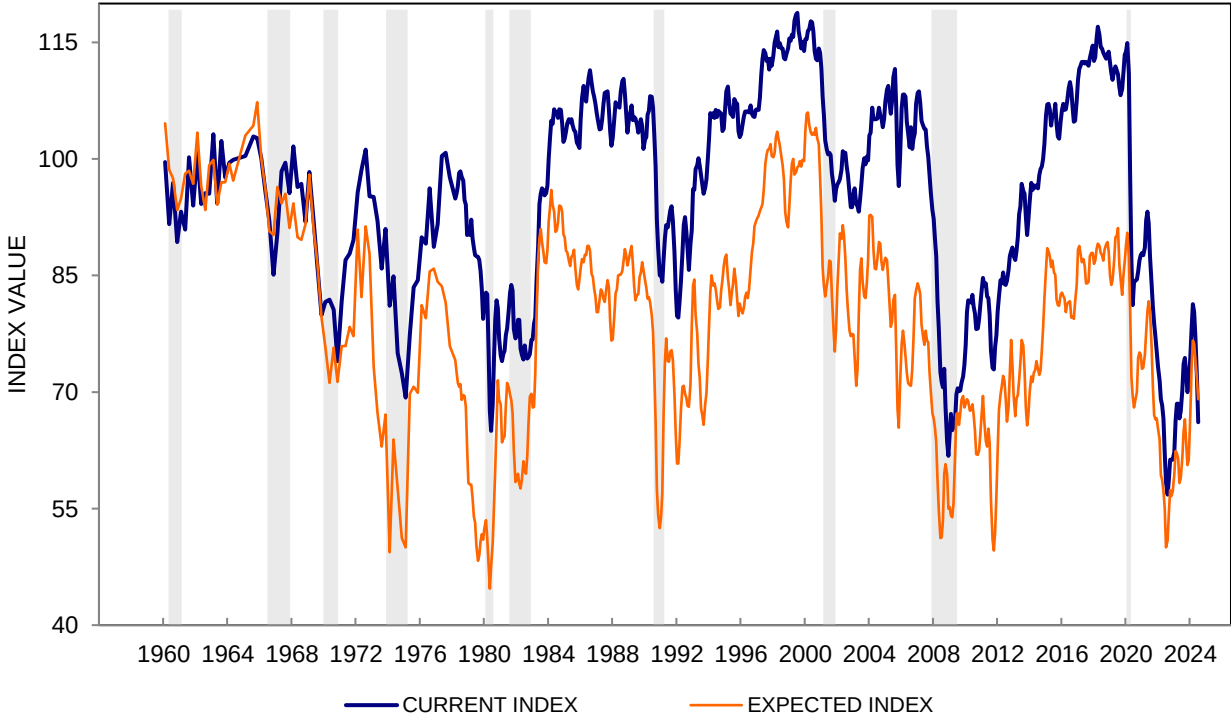


TABLE 2
THE INDEX OF CONSUMER SENTIMENT WITH CURRENT
AND EXPECTED COMPONENTS WITHIN INCOME TERCILES
THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Household Income Terciles								
		SENTIMENT INDEX			CURRENT INDEX			EXPECTED INDEX		
		Bottom	Middle	Top	Bottom	Middle	Top	Bottom	Middle	Top
		Third	Third	Third	Third	Third	Third	Third	Third	Third
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	57.8	57.0	63.0	60.3	61.1	59.5	56.2	54.4
December	2022	62.2	57.4	57.9	64.1	59.7	61.2	61.0	55.8	55.8
January	2023	62.6	58.5	60.9	64.5	59.9	63.6	61.5	57.5	59.2
February	2023	65.3	60.9	66.3	67.1	63.0	69.9	64.2	59.6	63.9
March	2023	64.6	61.0	68.3	67.5	64.3	74.4	62.7	58.8	64.4
April	2023	62.9	63.3	66.5	64.6	69.6	72.0	61.8	59.2	63.0
May	2023	59.2	61.2	63.8	62.5	67.9	70.1	57.0	56.9	59.7
June	2023	60.7	62.4	64.0	63.6	70.3	69.4	58.8	57.3	60.5
July	2023	59.7	64.5	70.4	63.8	70.2	76.8	57.0	60.9	66.3
August	2023	61.8	67.3	76.2	65.1	73.5	82.7	59.6	63.4	71.9
September	2023	60.9	68.6	78.7	64.9	74.6	83.3	58.4	64.7	75.7
October	2023	62.6	64.2	74.1	68.6	69.9	79.0	58.7	60.5	71.0
November	2023	60.0	62.9	70.5	66.3	69.2	75.1	55.9	58.7	67.5
December	2023	60.9	64.5	70.5	68.1	67.7	78.3	56.3	62.5	65.5
January	2024	63.1	71.4	77.4	67.2	75.9	83.0	60.5	68.6	73.8
February	2024	68.1	75.3	83.5	69.8	77.8	89.0	67.1	73.7	80.0
March	2024	70.9	77.3	87.8	70.1	82.0	92.7	71.4	74.3	84.7
April	2024	69.9	76.1	87.2	68.5	79.4	93.0	70.8	74.0	83.4
May	2024	66.9	73.8	85.8	65.3	76.0	90.8	67.9	72.4	82.6
June	2024	63.2	69.6	82.8	60.7	68.5	86.6	64.7	70.3	80.3
July	2024	59.3	64.9	80.6	55.1	61.2	83.4	61.9	67.3	78.8

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

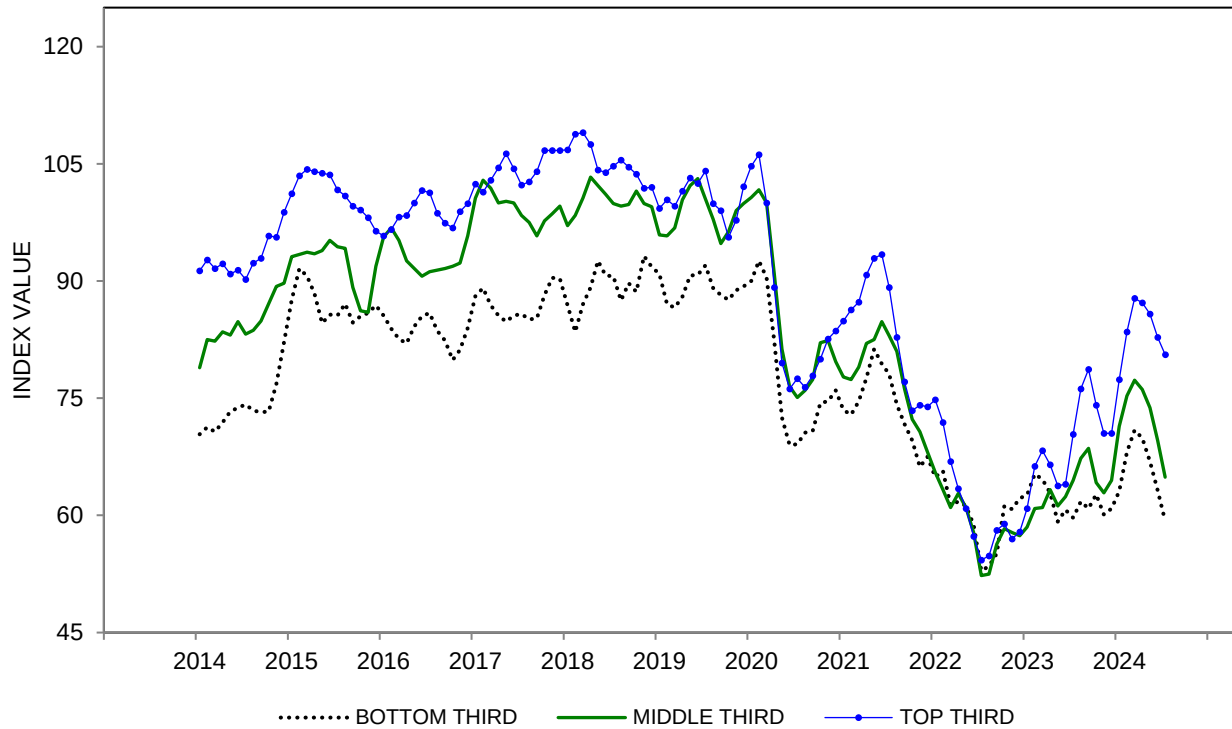


CHART 2: INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES

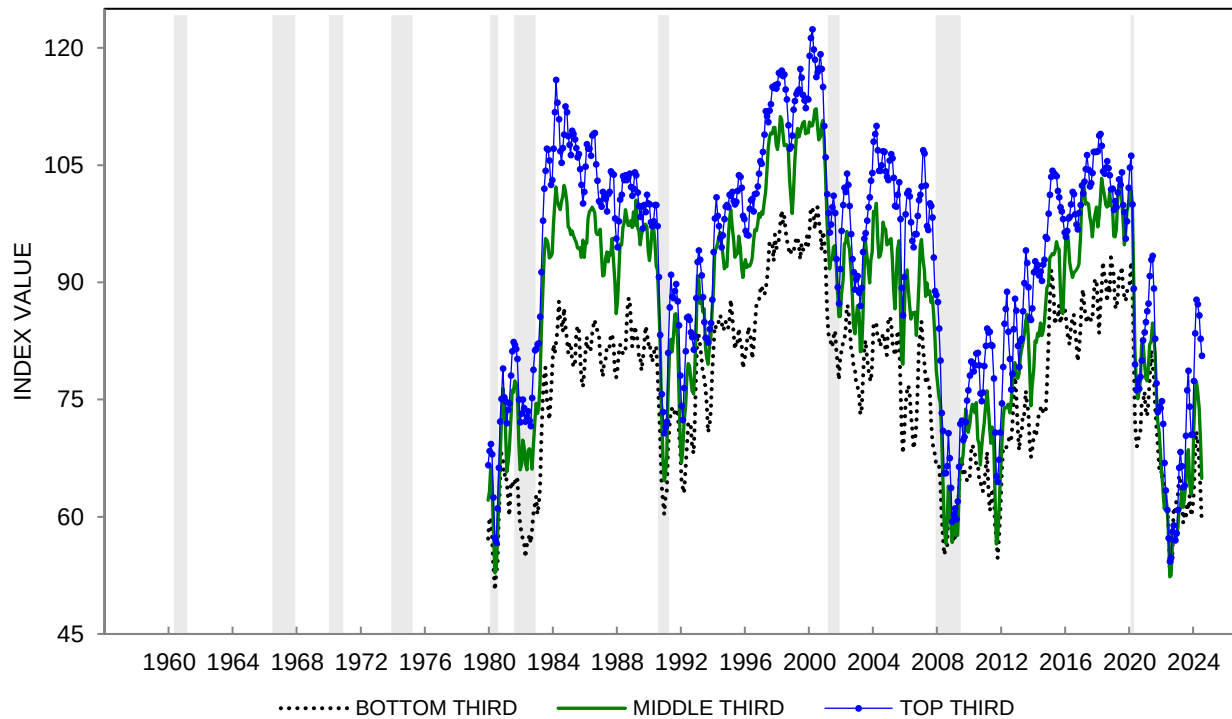


TABLE 3

**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+
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	67.3	58.0	54.0	73.3	59.6	55.9	63.4	56.9	52.7
December	2022	68.4	58.4	54.0	76.5	59.1	55.0	63.2	58.0	53.4
January	2023	71.6	60.1	55.4	79.2	61.2	55.0	66.7	59.5	55.6
February	2023	75.3	62.3	60.0	84.1	63.5	60.6	69.7	61.5	59.7
March	2023	75.2	62.1	61.7	83.8	65.7	63.7	69.8	59.8	60.5
April	2023	74.0	61.0	62.2	84.9	64.3	64.0	67.0	58.8	61.1
May	2023	69.0	60.7	58.7	80.3	63.5	62.2	61.8	58.9	56.4
June	2023	68.6	63.1	58.8	82.2	65.6	62.0	59.8	61.5	56.7
July	2023	70.8	66.0	61.2	84.2	68.6	64.6	62.2	64.3	59.0
August	2023	74.1	67.9	66.2	85.4	72.0	69.6	66.7	65.3	64.0
September	2023	74.3	68.2	68.5	82.8	71.8	72.4	68.8	65.9	66.0
October	2023	71.6	66.6	65.2	80.4	70.4	70.1	65.9	64.1	62.1
November	2023	68.8	63.4	62.7	80.6	66.5	67.1	61.2	61.4	59.8
December	2023	71.1	63.4	63.0	82.6	67.3	67.6	63.7	60.9	60.1
January	2024	73.5	68.6	69.4	84.9	69.9	72.9	66.3	67.8	67.2
February	2024	78.1	74.8	74.4	87.9	75.6	75.7	71.8	74.3	73.5
March	2024	78.4	78.8	78.3	90.3	78.9	78.7	70.7	78.7	78.1
April	2024	78.8	77.6	77.8	89.9	78.6	77.5	71.7	77.0	78.0
May	2024	77.4	75.2	75.0	87.2	75.5	74.6	71.0	74.9	75.3
June	2024	76.1	71.2	70.6	81.8	70.6	69.2	72.4	71.5	71.6
July	2024	72.5	66.7	68.2	78.1	64.0	65.2	68.8	68.3	70.1

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

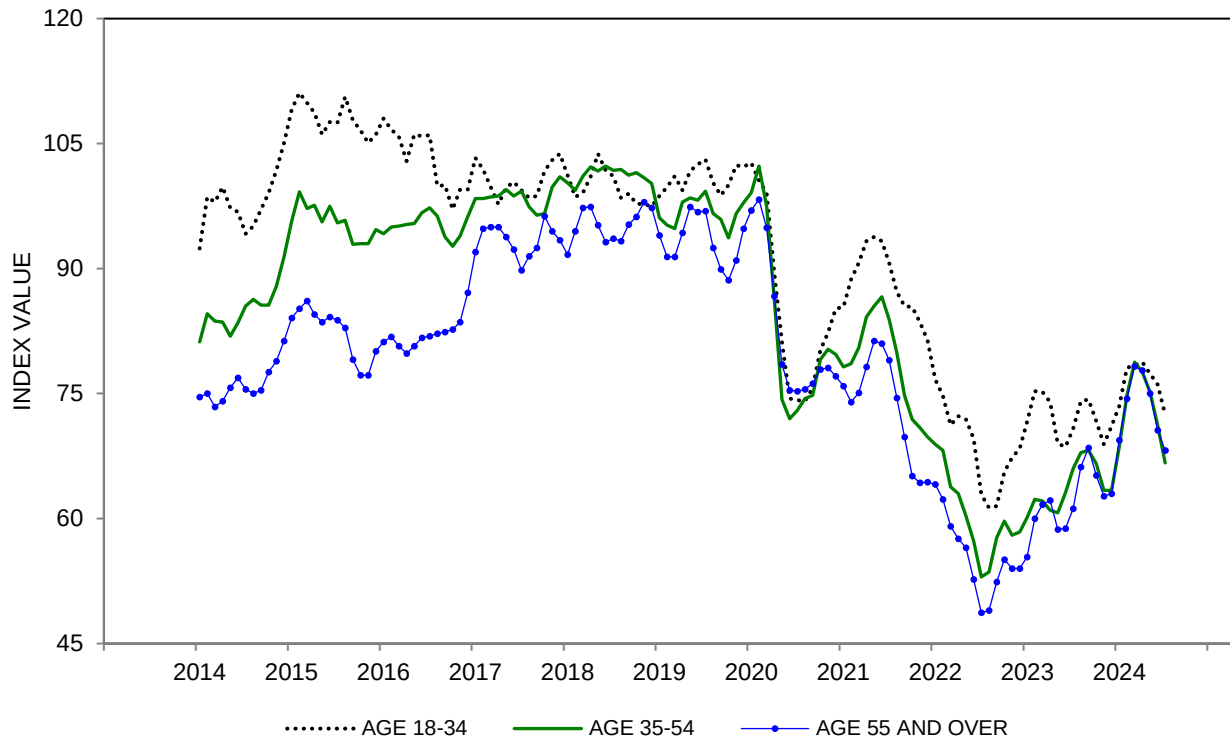


CHART 3: INDEX OF CONSUMER SENTIMENT WITHIN AGE GROUPS

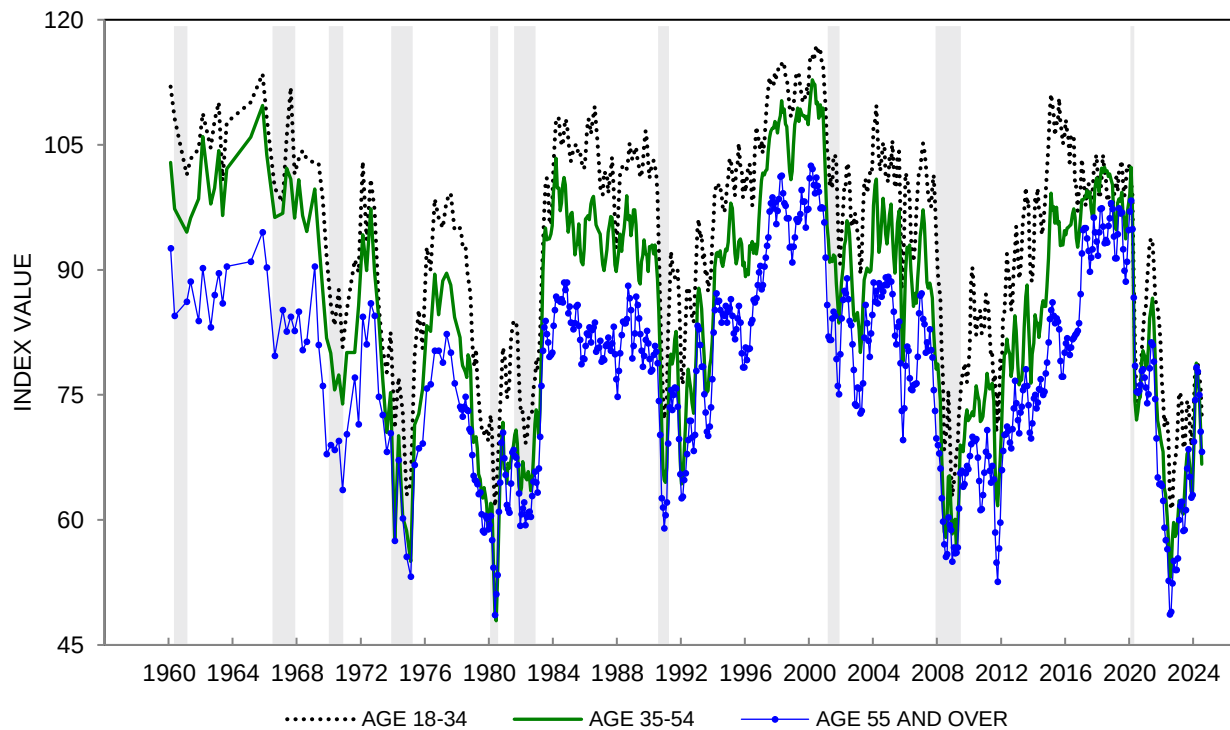


TABLE 4

**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
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	56.2	55.7	60.8	58.2	60.6	63.1	54.8	52.6	59.3
December	2022	55.1	58.0	60.6	56.8	62.8	62.0	54.0	55.0	59.7
January	2023	56.2	59.0	62.9	56.6	60.6	64.9	56.0	58.0	61.6
February	2023	60.9	60.2	67.1	60.8	62.8	70.1	61.0	58.6	65.2
March	2023	62.6	59.1	69.2	63.0	63.3	74.4	62.3	56.5	65.9
April	2023	61.1	60.3	68.5	63.4	66.1	72.8	59.6	56.5	65.8
May	2023	55.8	59.0	66.1	60.3	65.9	70.3	52.9	54.6	63.4
June	2023	55.7	61.0	66.0	62.4	66.2	70.4	51.4	57.6	63.2
July	2023	57.2	61.5	70.0	63.0	66.4	75.0	53.4	58.3	66.8
August	2023	58.7	64.9	74.5	64.1	68.7	80.3	55.3	62.5	70.7
September	2023	59.2	64.4	77.0	64.2	68.9	81.7	56.0	61.5	74.0
October	2023	57.5	62.7	74.0	63.6	69.0	78.7	53.5	58.7	70.9
November	2023	57.1	57.7	71.4	63.0	64.8	76.5	53.3	53.2	68.2
December	2023	55.6	58.6	72.3	59.8	67.0	77.6	52.9	53.1	68.9
January	2024	61.1	61.4	78.1	62.9	67.8	82.6	60.0	57.3	75.1
February	2024	67.4	66.5	82.6	67.2	70.4	86.2	67.5	64.0	80.3
March	2024	70.9	69.4	86.0	71.1	73.3	89.0	70.7	66.9	84.0
April	2024	69.5	69.5	85.7	71.2	71.5	88.5	68.3	68.2	83.8
May	2024	63.6	66.9	84.0	64.6	68.5	86.1	62.9	65.9	82.6
June	2024	60.3	62.9	79.2	61.6	59.5	80.5	59.5	65.0	78.3
July	2024	55.4	60.9	74.2	49.8	56.8	74.7	59.0	63.6	73.9

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

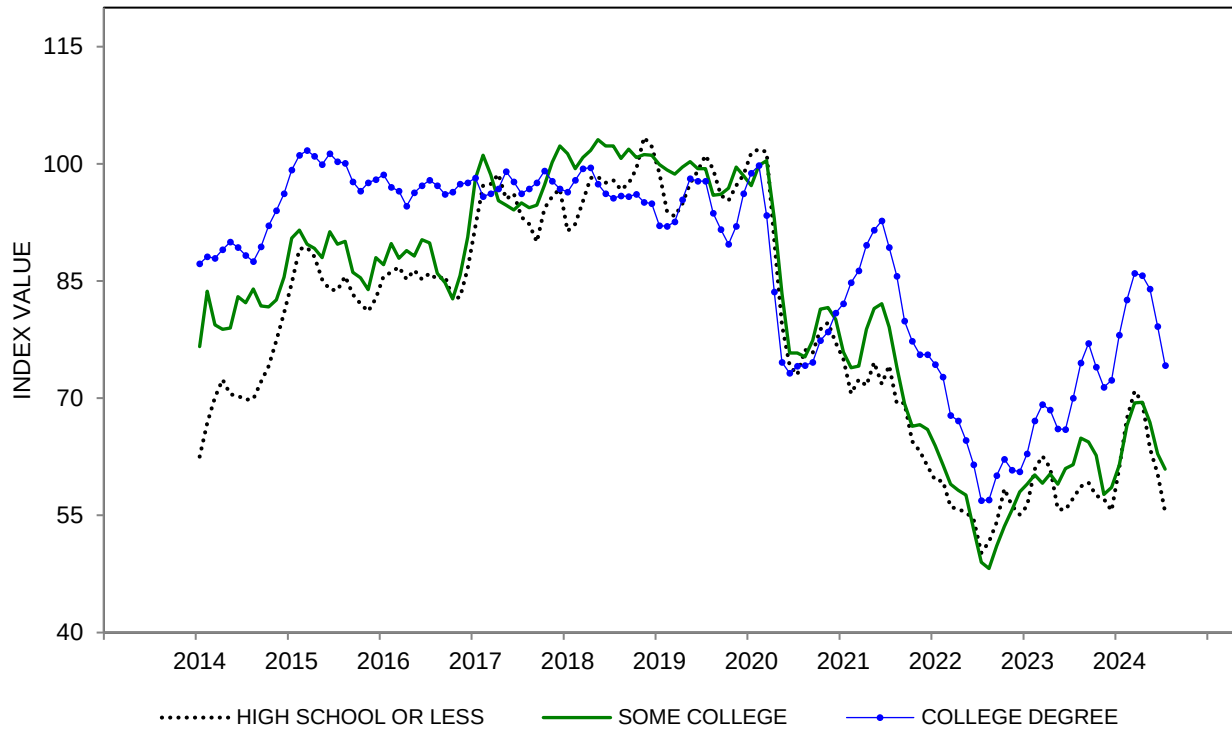


CHART 4: INDEX OF CONSUMER SENTIMENT WITHIN EDUCATION GROUPS

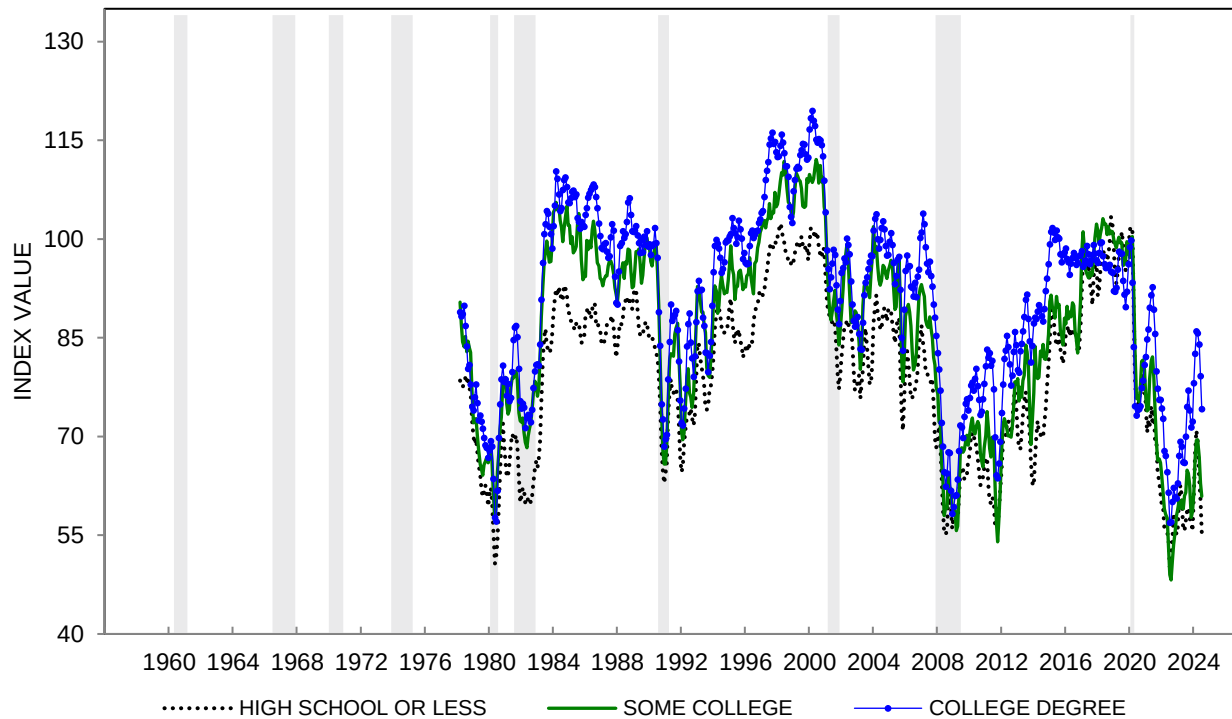


TABLE 5A
THE INDEX OF CONSUMER SENTIMENT WITH CURRENT
AND EXPECTED COMPONENTS BY REGION OF RESIDENCE
THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Region of Residence											
		SENTIMENT INDEX				CURRENT INDEX				EXPECTED INDEX			
		NE	NC	S	W	NE	NC	S	W	NE	NC	S	W
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	61.5	60.9	57.4	57.3	59.6	63.2	61.4	60.6	62.6	59.3	54.8	55.2
January	2023	60.8	61.9	60.9	58.3	58.1	65.1	63.7	60.2	62.5	59.8	59.1	57.0
February	2023	63.0	65.2	66.0	59.6	63.1	68.9	68.6	62.2	63.0	62.9	64.5	58.0
March	2023	64.9	65.3	66.6	60.5	66.4	72.1	70.1	64.0	63.9	60.9	64.4	58.2
April	2023	64.9	65.7	64.7	61.3	67.8	71.3	68.1	66.8	63.0	62.1	62.5	57.9
May	2023	65.3	64.4	60.0	58.5	67.5	70.5	64.8	65.1	63.9	60.5	57.0	54.2
June	2023	65.6	65.6	60.7	59.0	67.2	70.1	66.5	66.5	64.5	62.6	57.1	54.1
July	2023	68.7	68.2	62.5	62.8	70.6	73.0	68.6	69.6	67.4	65.0	58.6	58.4
August	2023	69.0	70.1	67.0	68.4	72.4	75.0	72.9	74.4	66.8	66.9	63.2	64.5
September	2023	68.8	71.1	67.8	71.8	72.7	77.0	72.2	76.9	66.2	67.4	65.0	68.5
October	2023	64.9	68.2	66.7	68.0	69.0	74.5	71.7	74.1	62.2	64.2	63.4	64.0
November	2023	64.9	66.9	62.4	64.4	69.0	73.7	67.6	71.1	62.2	62.5	59.1	60.1
December	2023	66.5	66.0	63.6	64.7	69.9	72.6	70.9	69.2	64.3	61.8	58.8	61.9
January	2024	73.2	71.3	68.3	68.9	76.9	77.0	73.3	72.1	70.9	67.6	65.1	66.9
February	2024	76.6	74.8	75.2	74.3	77.9	79.0	79.3	75.4	75.9	72.2	72.5	73.5
March	2024	79.5	78.2	78.6	77.4	82.8	82.6	80.6	79.7	77.4	75.3	77.3	75.9
April	2024	77.8	75.5	78.5	78.9	79.9	78.6	81.6	80.2	76.5	73.5	76.6	78.0
May	2024	77.7	74.0	74.1	76.6	80.4	75.8	75.2	79.2	75.9	72.8	73.4	75.0
June	2024	74.0	69.7	70.1	73.8	74.3	68.7	69.3	76.0	73.8	70.3	70.6	72.4
July	2024	72.5	66.5	65.5	69.7	70.8	63.9	62.0	71.5	73.6	68.2	67.8	68.6

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)**

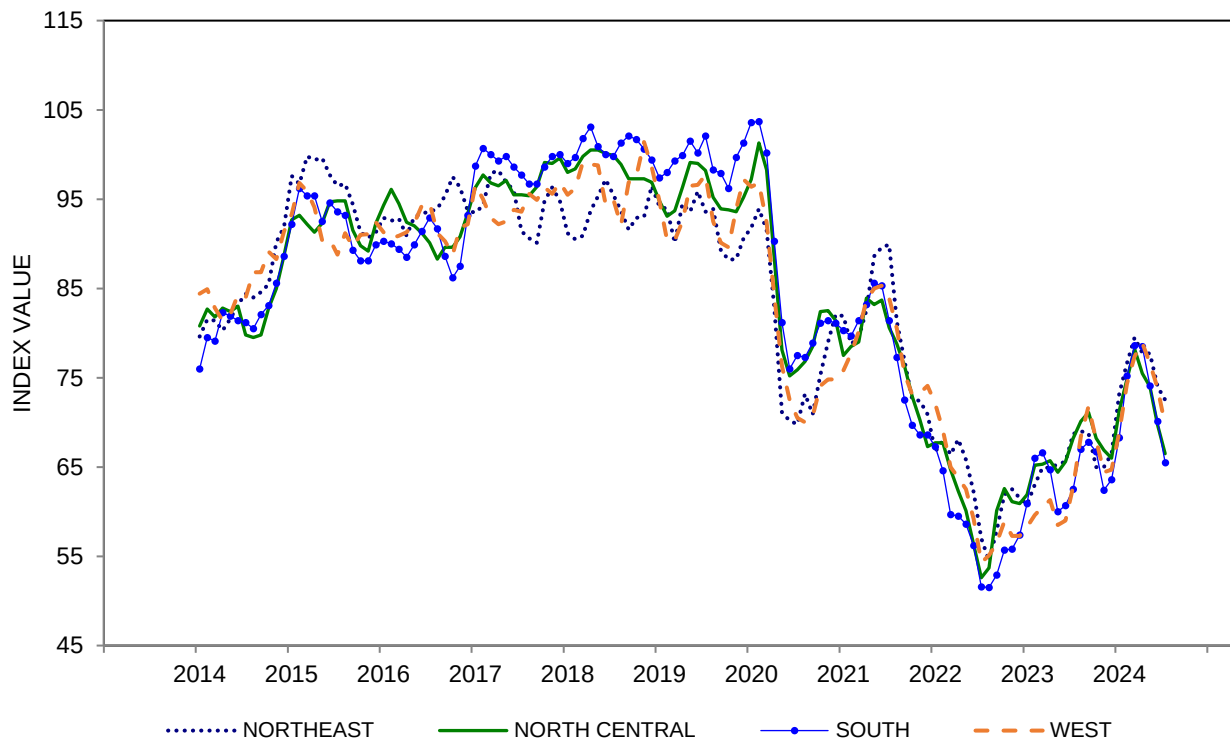


CHART 5A: INDEX OF CONSUMER SENTIMENT BY REGION OF RESIDENCE

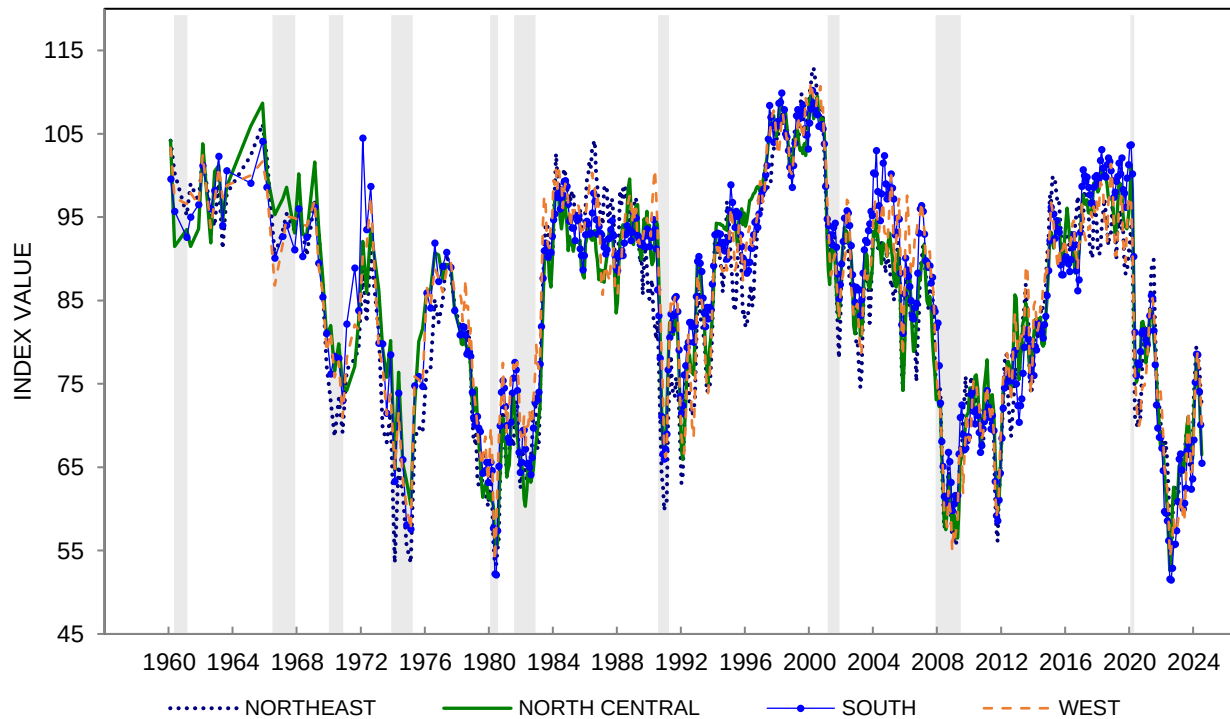


TABLE 5B

**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
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	57.5	41.1	75.2	61.6	45.9	76.7	54.9	37.9
December	2022	76.4	57.6	41.0	73.9	61.4	46.3	78.0	55.2	37.5
January	2023	76.7	59.4	43.2	74.2	61.8	48.1	78.3	57.7	40.0
February	2023	79.1	63.2	47.5	75.7	66.3	54.1	81.2	61.2	43.2
March	2023	78.9	63.6	50.0	78.5	67.5	58.8	79.1	61.1	44.4
April	2023	79.9	62.2	49.9	78.4	67.3	59.9	80.8	58.9	43.6
May	2023	79.0	58.6	47.1	79.7	64.4	57.0	78.5	54.9	40.7
June	2023	80.5	59.0	46.5	81.2	66.3	54.2	80.2	54.3	41.5
July	2023	84.5	61.7	47.5	85.2	70.1	53.5	84.1	56.4	43.7
August	2023	87.6	66.2	50.6	87.1	74.0	58.1	88.0	61.3	45.9
September	2023	89.0	67.3	52.1	87.7	74.2	60.0	89.7	62.9	47.1
October	2023	85.9	65.5	50.7	84.3	73.7	59.7	86.9	60.3	45.0
November	2023	85.3	61.4	46.8	86.1	69.6	55.0	84.7	56.1	41.6
December	2023	86.0	61.5	49.0	87.6	70.5	55.7	84.9	55.7	44.7
January	2024	92.1	65.2	52.1	95.3	70.7	56.7	90.0	61.7	49.2
February	2024	95.6	70.8	58.5	97.2	75.5	60.2	94.6	67.9	57.5
March	2024	99.1	73.7	61.9	101.6	77.2	63.0	97.6	71.4	61.2
April	2024	98.9	73.0	63.3	100.1	77.6	63.0	98.1	70.0	63.5
May	2024	97.8	69.4	60.2	99.1	73.4	58.8	97.0	66.7	61.1
June	2024	94.4	65.7	55.0	94.2	67.8	52.5	94.5	64.4	56.6
July	2024	88.4	61.5	52.3	88.4	60.8	47.2	88.4	61.9	55.5

CHART 5B: INDEX OF CONSUMER SENTIMENT BY POLITICAL PARTY
(THREE MONTH MOVING AVERAGES)

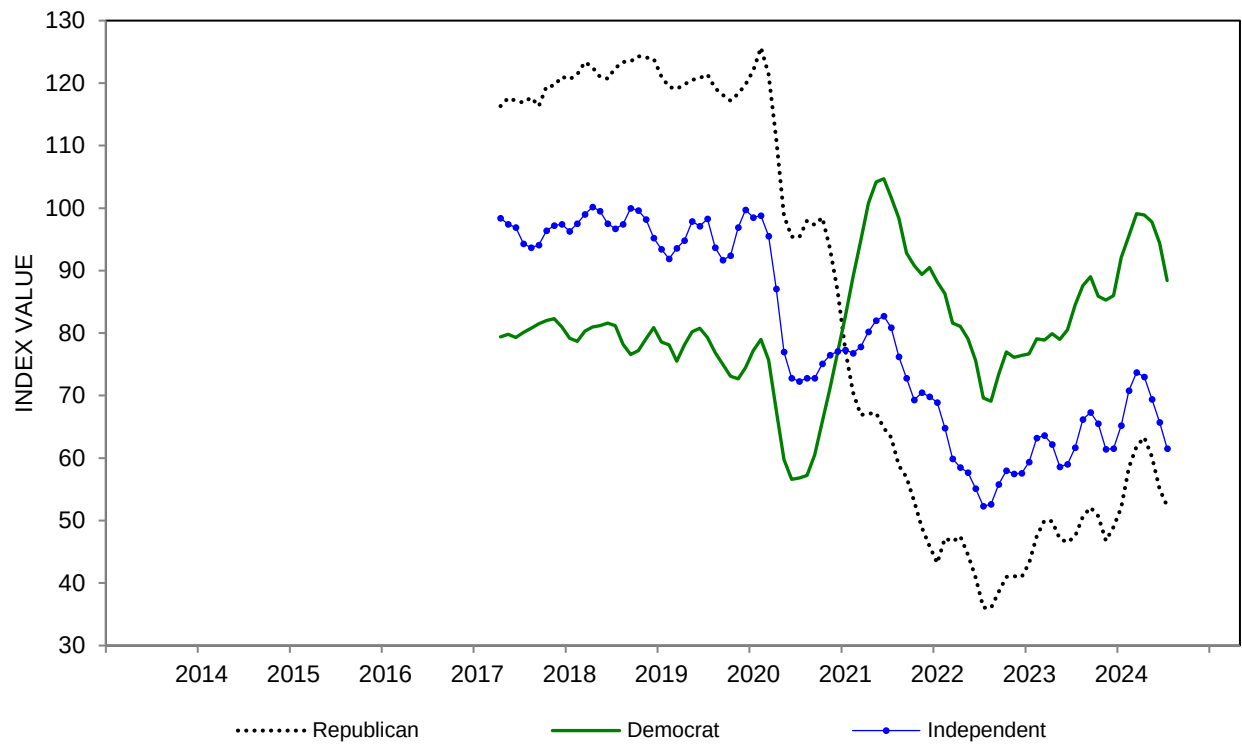


CHART 5B: INDEX OF CONSUMER SENTIMENT BY POLITICAL PARTY

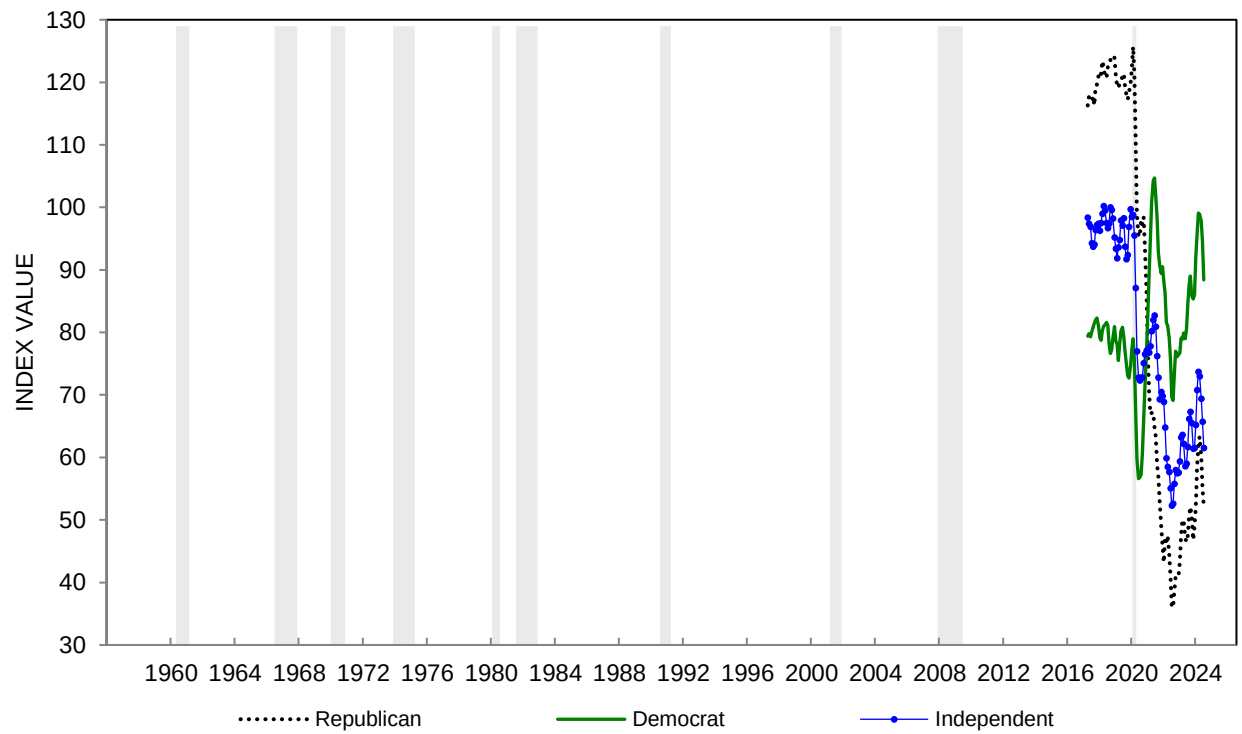


TABLE 6

CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
	2023	2023	2023	2023	2023	2023	2024	2024	2024	2024	2024	2024	2024
BETTER OFF	36%	33%	30%	30%	29%	33%	40%	37%	40%	35%	32%	26%	26%
SAME	24	27	26	19	26	22	20	23	23	25	27	29	27
WORSE OFF	40	40	44	51	45	45	40	39	36	40	41	45	47
DK, NA	*	*	*	*	*	*	*	1	1	*	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	96	93	86	79	84	88	100	98	104	95	91	81	79

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

All	89	91	92	86	83	84	91	95	101	99	97	89	84
Age 18 to 44	107	106	105	98	94	96	101	109	116	115	112	101	95
Age 45 to 64	84	88	85	79	78	78	82	86	89	90	88	83	78
Age 65+	69	76	83	79	74	75	88	90	95	90	90	84	82
Income Bottom Third	75	77	77	78	74	77	76	79	81	81	82	72	66
Income Middle Third	86	88	89	81	83	82	96	99	104	97	91	82	75
Income Top Third	105	110	108	101	94	96	104	112	121	121	121	115	113
Educ High School or Less	74	75	75	71	69	65	67	75	82	84	77	70	59
Educ Some College	80	83	82	77	72	76	82	87	91	86	80	66	62
Educ College Degree	100	103	104	99	96	96	105	108	114	113	113	107	101
Democrat	118	117	116	107	109	110	123	125	135	133	135	127	122
Independent	85	90	90	87	81	83	85	92	97	99	93	84	75
Republican	61	65	68	66	59	60	62	65	66	65	62	55	51

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

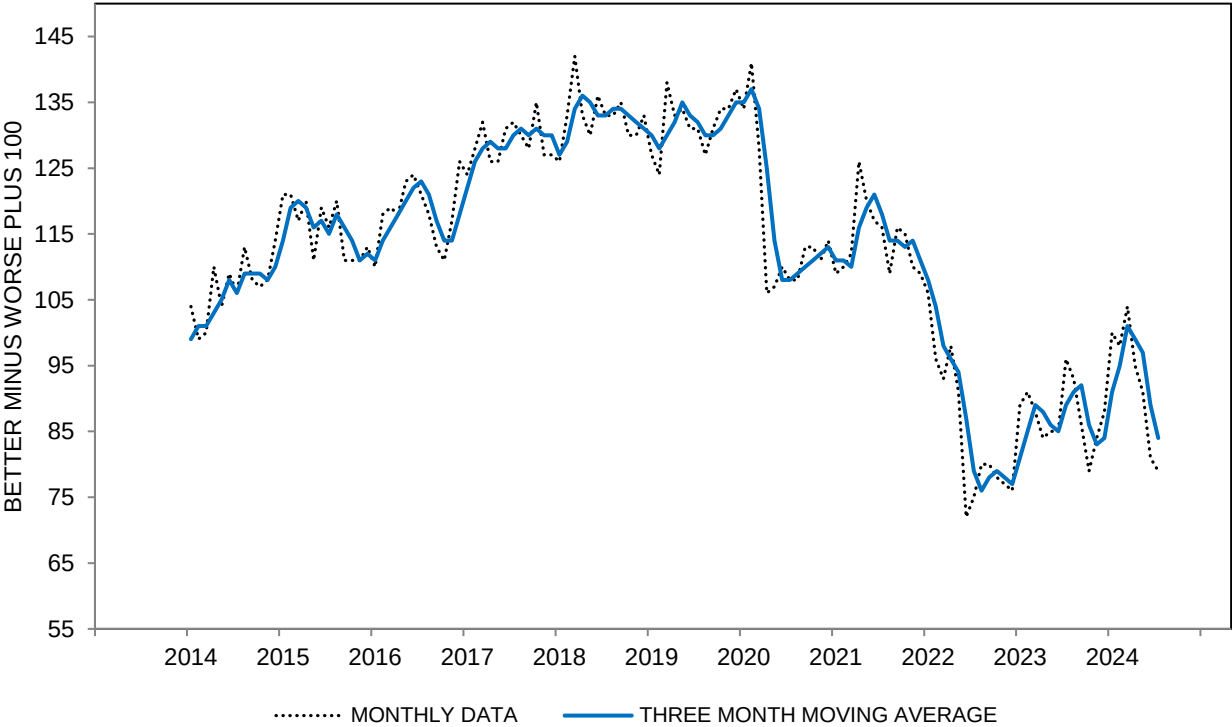


CHART 6: CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

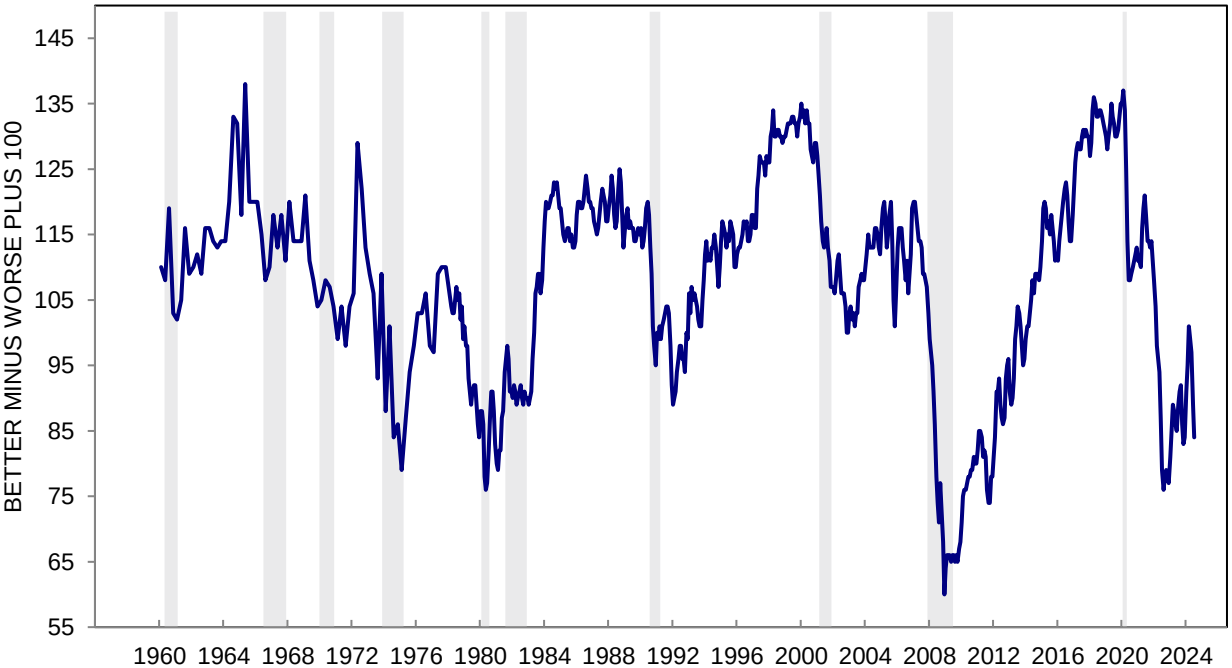


TABLE 7

SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
BETTER THAN YEAR AGO:													
Income higher	27%	29%	25%	25%	25%	27%	30%	33%	31%	27%	29%	23%	22%
Increased HH Contribution	3	4	4	4	3	4	5	6	7	4	4	4	3
Assets Higher	7	6	5	5	5	5	10	8	9	8	8	8	10
Debt Lower	3	4	5	3	3	4	4	5	5	4	4	2	4
Expense Lower	5	6	7	4	6	7	6	6	5	6	7	4	4
WORSE THAN YEAR AGO:													
Income lower	20	18	21	21	19	20	19	20	19	17	18	18	20
Decreased HH Contribution	4	5	4	5	4	5	3	4	3	3	3	3	3
Higher prices	36	37	39	47	40	38	36	35	33	38	41	46	46
Assets Lower	5	3	3	4	5	3	3	3	3	1	2	3	3
Debt Higher	2	4	4	5	5	5	3	2	4	4	4	5	4
Expense Higher	4	3	5	4	5	5	3	5	3	3	2	4	3

SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION

INCOME HIGHER - INCOME LOWER (THREE MONTH MOVING AVERAGES)

All	8	9	7	6	5	6	8	10	12	12	11	9	6
Age 18 to 44	21	20	19	17	17	17	19	21	25	24	21	16	14
Age 45 to 64	3	5	3	3	-1	-1	0	2	4	6	8	9	5
Age 65+	-2	-2	-1	-4	-3	-2	3	4	3	2	3	3	1
Income Bottom Third	-5	-5	-5	-1	-3	0	-6	-6	-7	-4	-3	-5	-8
Income Middle Third	7	10	10	6	5	5	11	14	15	12	10	6	3
Income Top Third	21	22	20	16	13	14	19	23	28	27	27	27	25
Educ High School or Less	-7	-5	-7	-7	-8	-10	-10	-6	-3	-1	-3	-3	-10
Educ Some College	4	4	1	2	0	4	4	5	6	6	5	-2	-4
Educ College Degree	17	18	18	16	13	13	16	19	20	19	20	18	16
Democrat	17	20	22	17	18	17	21	22	27	30	30	27	22
Independent	6	7	6	9	3	4	2	9	10	10	7	5	3
Republican	-1	-2	-5	-5	-7	-3	0	-2	-4	-5	-3	-4	-6

HIGHER PRICES (THREE MONTH MOVING AVERAGES)

All	39	38	37	41	42	42	38	36	35	35	37	42	44
Age 18 to 44	32	33	33	38	39	38	34	31	29	30	32	37	39
Age 45 to 64	42	39	40	44	44	43	40	39	38	38	42	45	47
Age 65+	46	44	41	41	44	45	41	41	37	39	38	43	45
Income Bottom Third	39	39	40	42	45	43	41	38	38	38	40	44	47
Income Middle Third	42	41	40	46	44	46	39	40	37	40	42	48	49
Income Top Third	36	33	32	37	38	37	33	31	28	28	29	33	36
Educ High School or Less	40	43	42	47	47	49	45	41	38	39	43	48	48
Educ Some College	44	43	42	46	49	46	44	42	41	42	45	52	55
Educ College Degree	36	33	33	36	36	36	32	32	30	30	31	35	38
Democrat	24	24	22	26	26	27	23	21	17	17	18	22	24
Independent	38	35	37	41	43	41	38	37	37	37	39	42	48
Republican	57	55	53	56	59	59	56	54	54	54	56	61	64

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

(THREE MONTH MOVING AVERAGES)

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

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

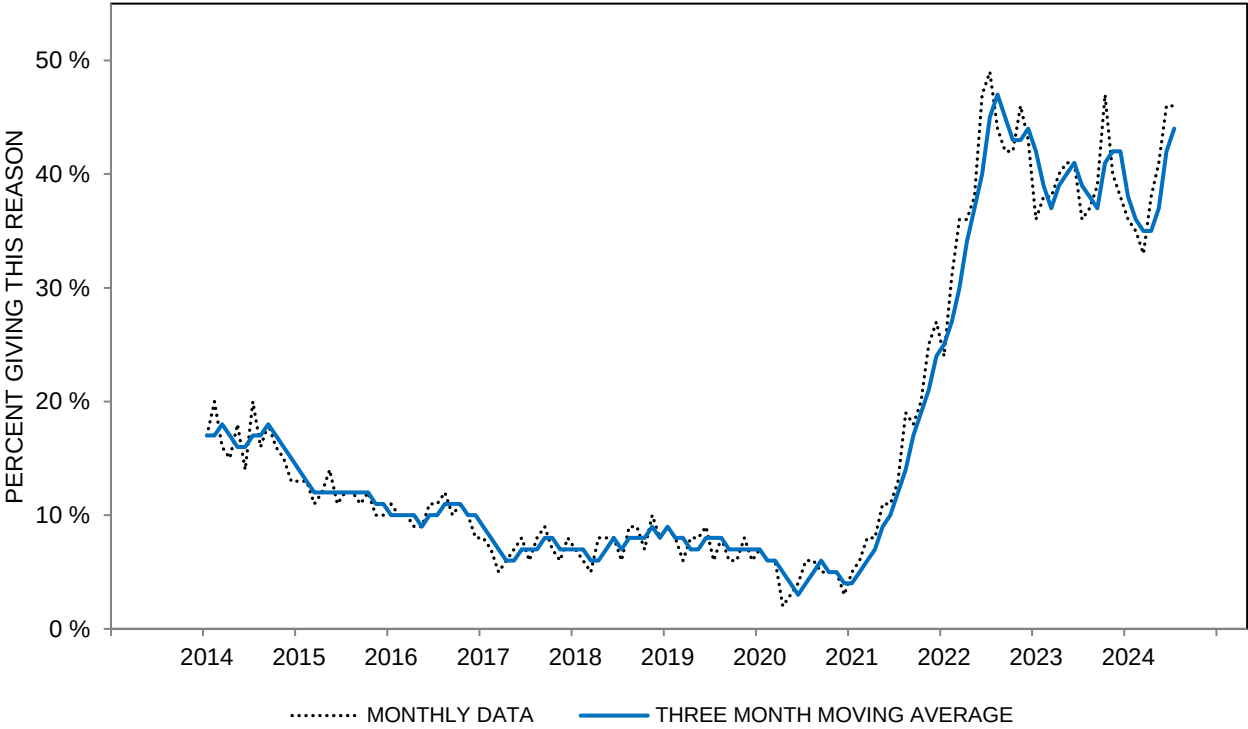


CHART 7A: HIGHER PRICES AS REASONS FOR WORSE PERSONAL FINANCES

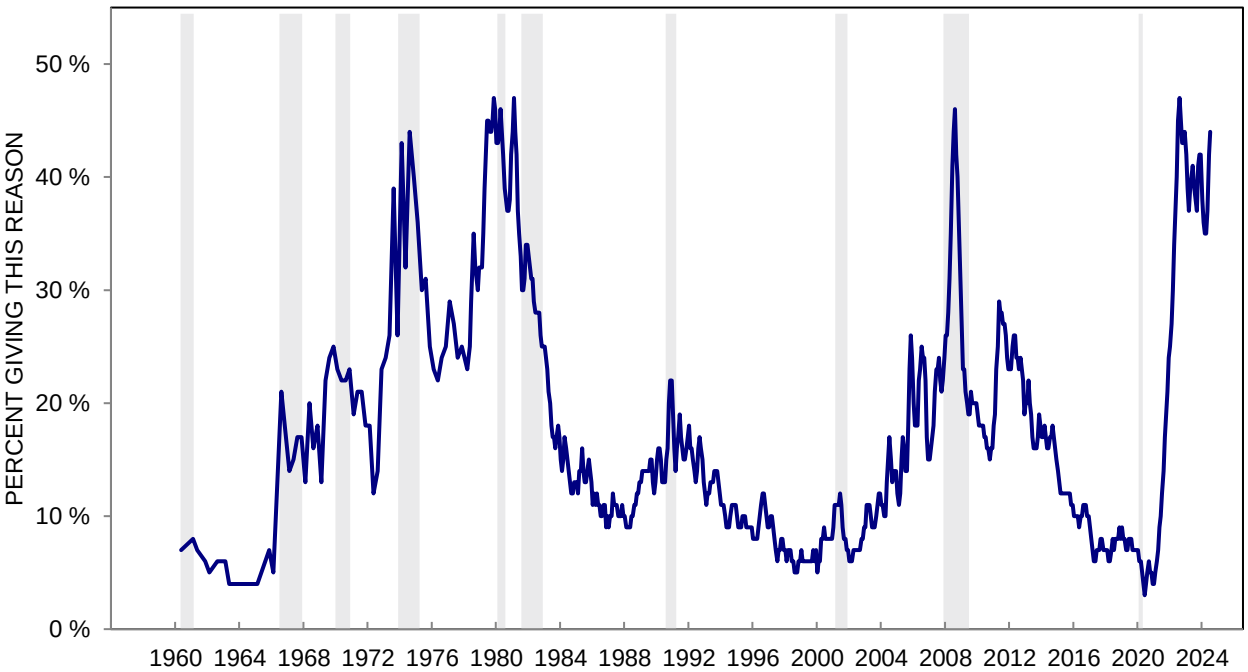


**CHART 7B: INCOME REASONS FOR CHANGES IN PERSONAL FINANCES:
(%HIGHER INCOME - %LOWER INCOME)**

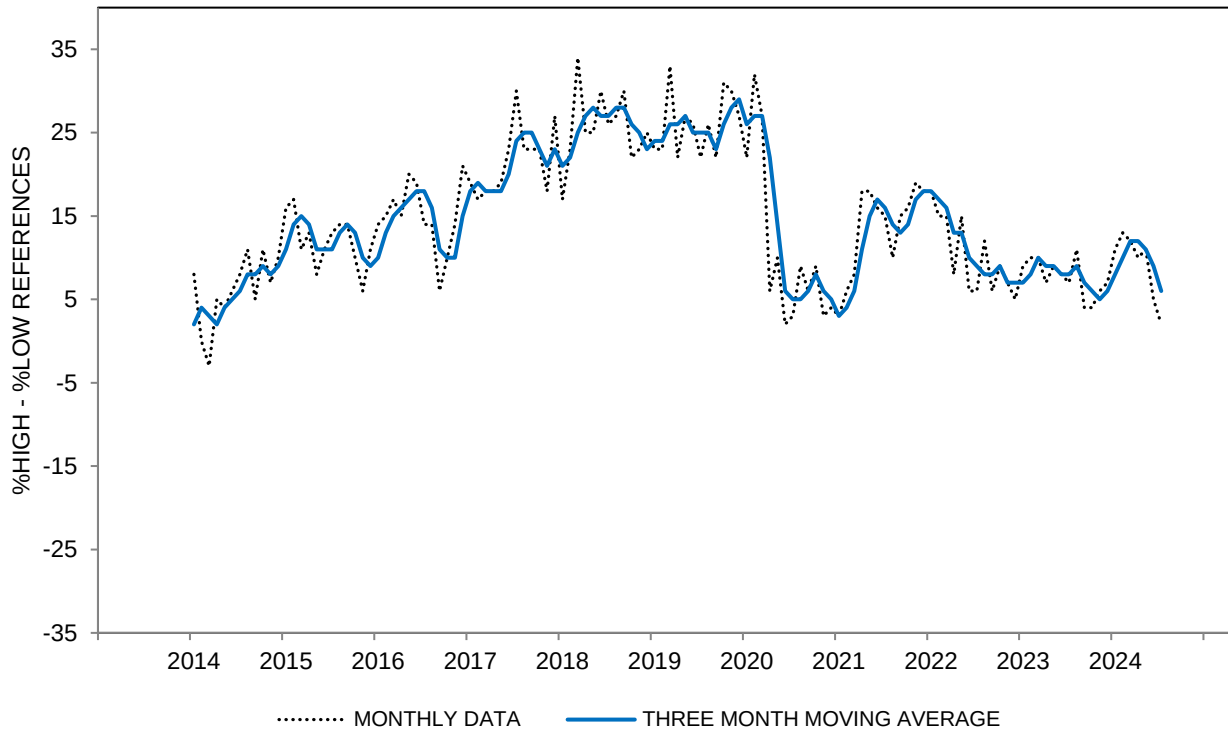


**CHART 7B: INCOME REASONS FOR CHANGES IN PERSONAL FINANCES:
(%HIGHER INCOME - %LOWER INCOME)**

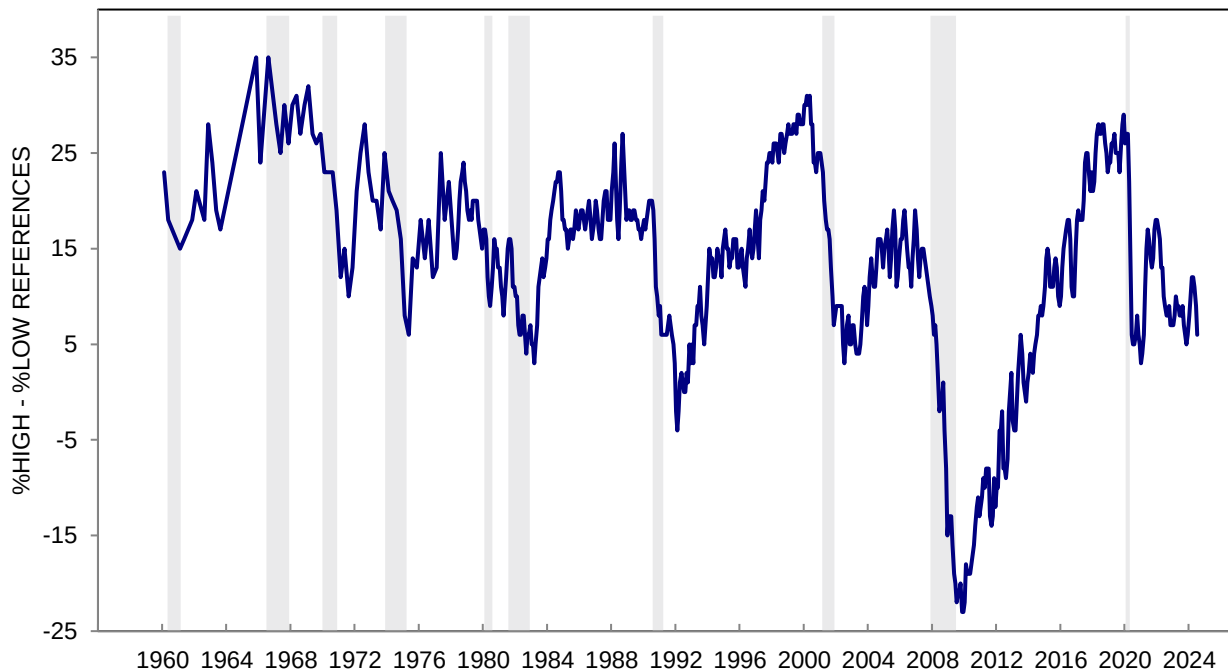


**CHART 7C: WEALTH REASONS FOR CHANGES IN PERSONAL FINANCES:
NET CHANGE IN ASSETS AND DEBTS
(HIGHER ASSETS + LOWER DEBTS) - (LOWER ASSETS + HIGHER DEBTS)**

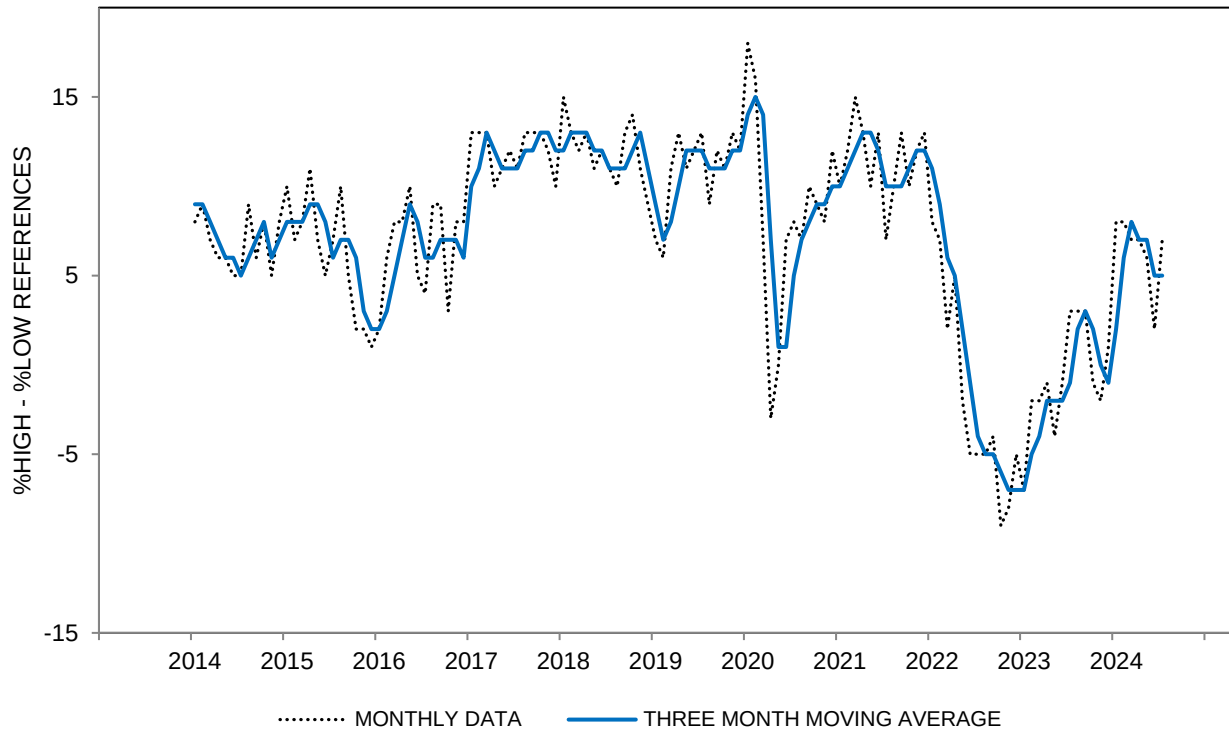


**CHART 7C: WEALTH REASONS FOR CHANGES IN PERSONAL FINANCES:
NET CHANGE IN ASSETS AND DEBTS
(HIGHER ASSETS + LOWER DEBTS) - (LOWER ASSETS + HIGHER DEBTS)**

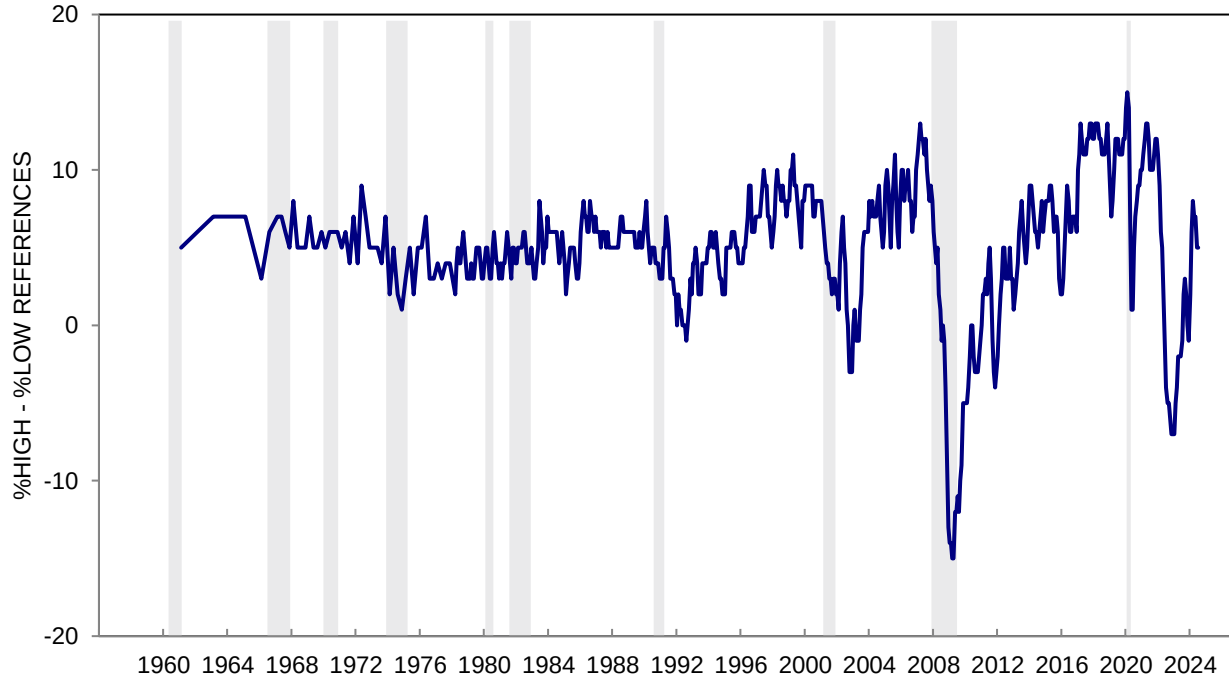


TABLE 8

EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
BETTER OFF	30%	32%	29%	26%	28%	29%	36%	29%	33%	31%	31%	28%	28%
SAME	49	48	48	45	47	50	44	54	49	49	45	47	48
WORSE OFF	17	17	19	25	23	17	14	13	11	15	20	22	23
DK, NA	4	3	4	4	2	4	6	4	7	5	4	3	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	113	115	110	101	106	112	122	116	122	116	111	106	105

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

All	108	112	113	109	106	106	113	117	120	118	116	111	107
Age 18 to 44	127	125	126	121	120	123	130	131	132	133	134	128	119
Age 45 to 64	105	112	111	106	105	102	110	112	117	114	111	107	107
Age 65+	84	93	96	94	87	89	96	102	107	105	102	99	97
Income Bottom Third	106	110	106	105	98	101	108	115	118	116	113	105	99
Income Middle Third	106	109	111	105	106	108	116	118	119	116	114	110	107
Income Top Third	111	116	119	115	113	110	117	118	124	124	125	121	118
Educ High School or Less	99	104	104	98	96	95	105	111	119	118	113	105	102
Educ Some College	104	111	109	105	97	100	105	108	109	109	108	105	102
Educ College Degree	114	116	119	116	114	115	121	122	124	123	123	117	112
Democrat	128	128	130	128	126	125	131	133	134	134	135	134	128
Independent	109	114	112	107	102	102	109	114	119	118	114	106	100
Republican	84	92	95	92	87	91	96	99	103	103	103	96	93

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

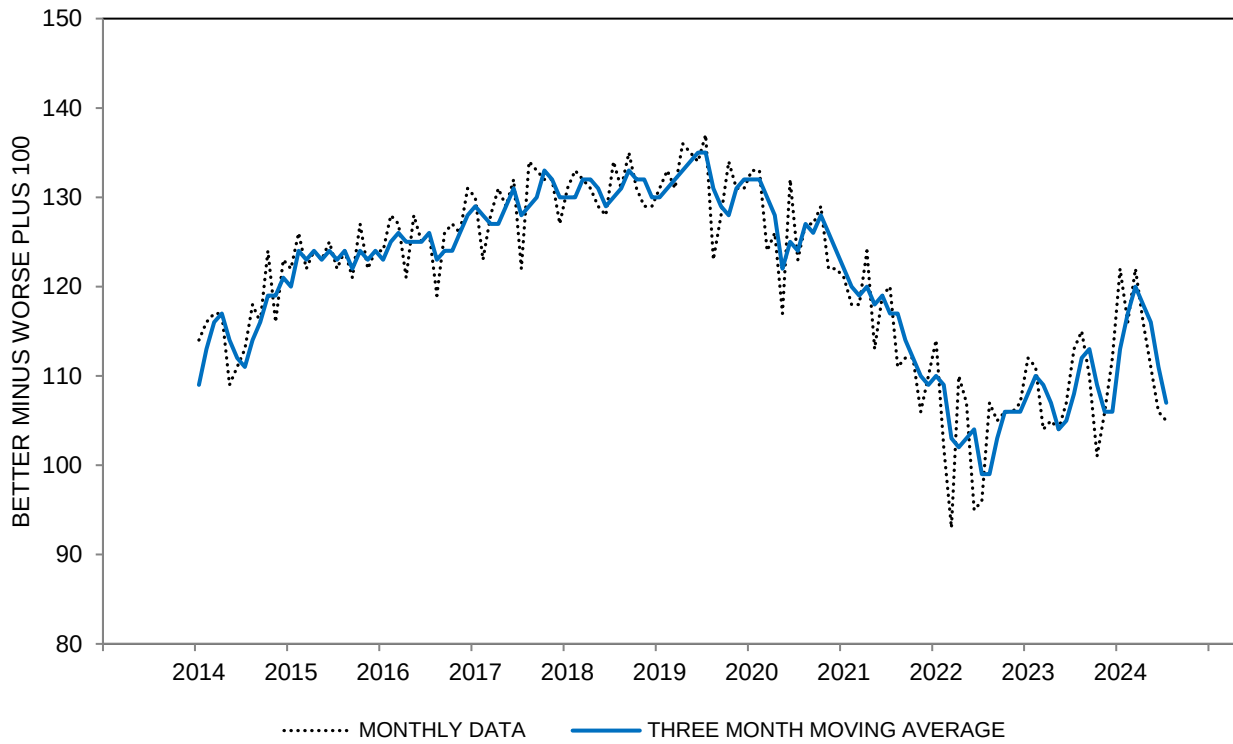


CHART 8: EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR

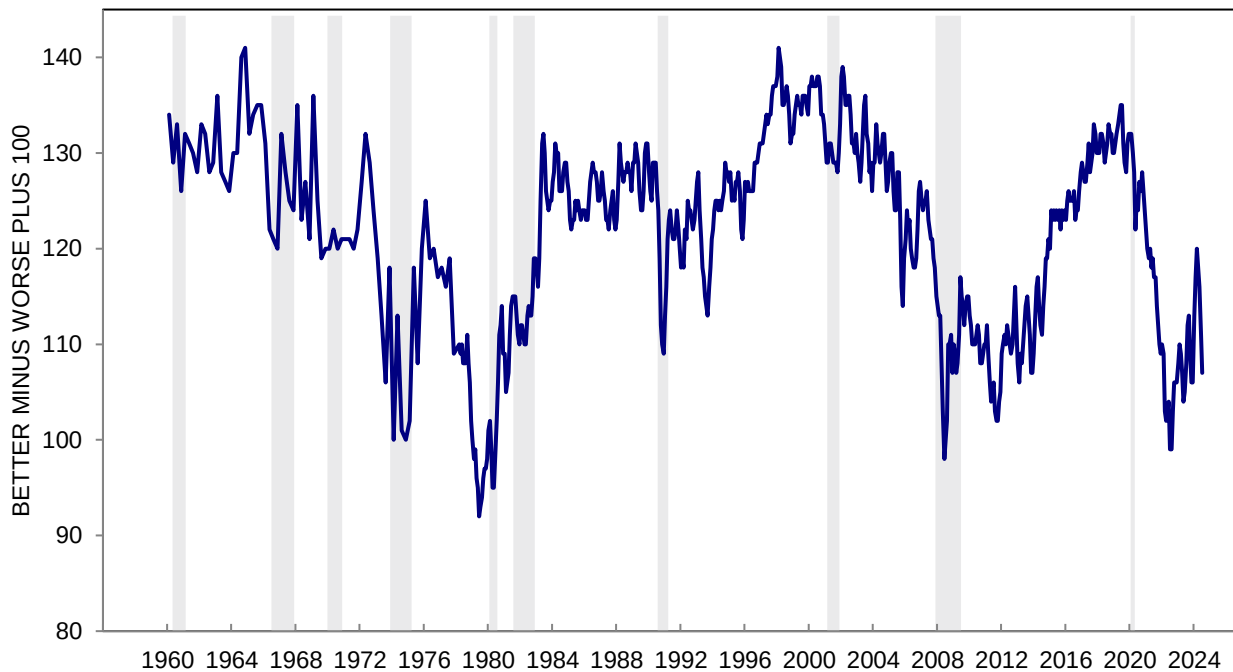


TABLE 9

ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
Personal Financial Progress													
Continuous increase (a)	17%	14%	14%	15%	14%	14%	20%	16%	19%	17%	17%	12%	14%
Intermittent increase (b)	23	25	20	16	18	23	24	24	25	24	20	19	18
Remain unchanged (c)	15	16	16	12	18	13	10	16	13	14	16	18	17
Intermittent decline (d)	20	17	20	24	20	22	19	21	19	20	18	21	23
Continuous decline (e)	13	14	15	20	18	13	10	9	7	12	15	17	19
Mixed change (f)	8	11	11	9	10	11	11	10	10	8	9	10	8
DK, NA	4	3	4	4	2	4	6	4	7	5	5	3	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	107	108	99	87	94	102	115	110	118	109	104	93	90

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

All	99	103	105	98	93	94	104	109	114	112	110	102	96
Age 18 to 44	122	121	121	112	107	110	118	125	130	130	129	119	109
Age 45 to 64	94	100	99	92	91	89	95	98	103	103	100	94	91
Age 65+	72	83	90	86	78	79	94	100	107	101	100	93	91
Income Bottom Third	87	91	90	89	82	85	92	97	102	99	98	87	80
Income Middle Third	96	100	104	93	95	95	108	110	113	107	104	96	88
Income Top Third	113	118	119	112	104	104	112	121	130	132	131	126	121
Educ High School or Less	84	88	87	79	77	74	83	90	101	102	96	86	75
Educ Some College	88	95	97	90	82	85	95	99	103	98	94	83	79
Educ College Degree	111	114	117	111	107	108	116	120	124	124	124	117	109
Democrat	130	130	132	123	123	124	137	140	145	143	145	138	132
Independent	96	102	102	97	89	90	95	103	110	111	106	96	87
Republican	66	75	80	75	67	69	75	78	82	80	80	71	65

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

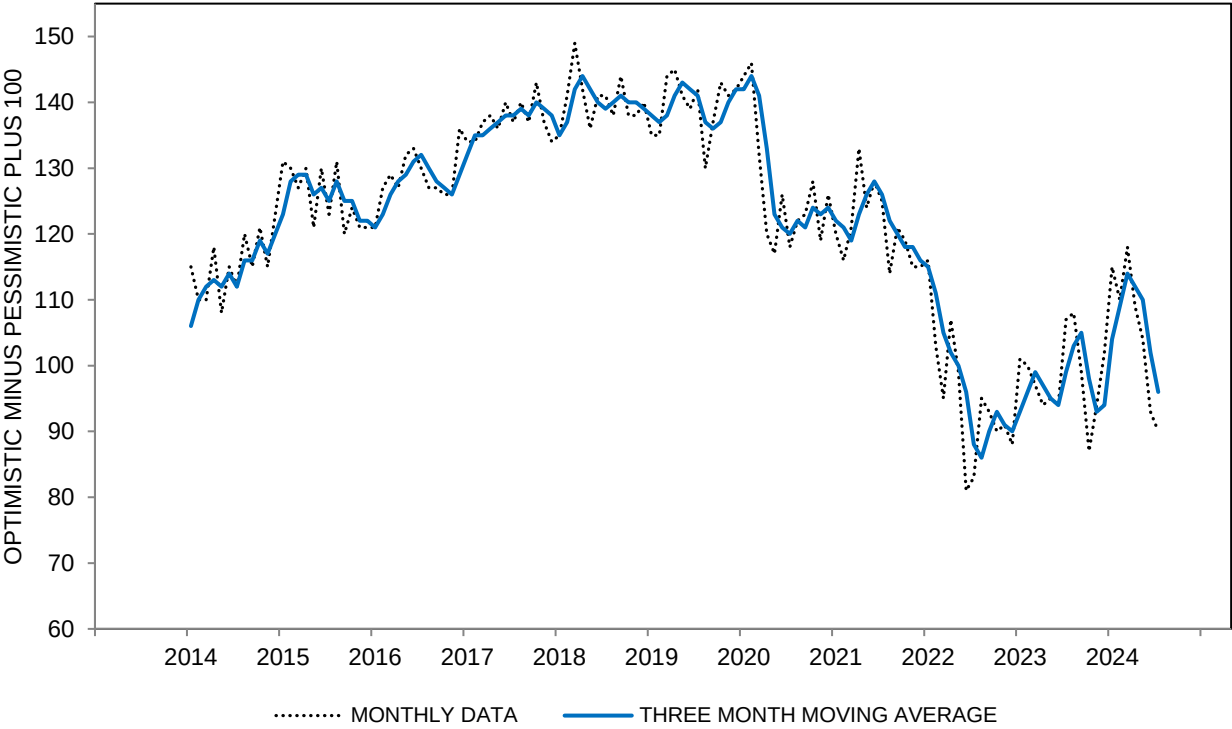


CHART 9: ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

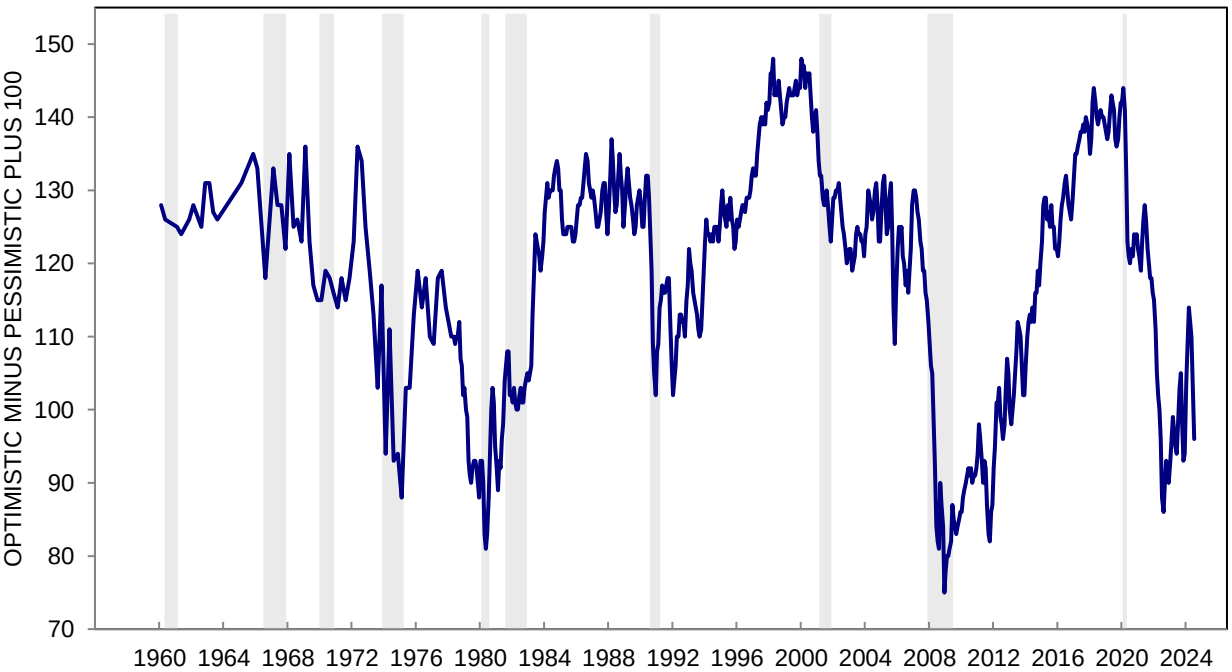


TABLE 10

CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
BETTER OFF	57%	55%	53%	48%	50%	49%	52%	52%	52%	51%	48%	45%	40%
SAME	8	7	8	9	10	10	9	9	9	10	13	11	17
WORSE OFF	35	37	38	42	40	40	38	38	38	38	38	42	41
DK, NA	*	1	1	1	*	1	1	1	1	1	1	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	122	118	115	106	110	109	114	114	114	113	110	103	99

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

All	114	116	118	113	110	108	111	112	114	114	112	109	104
Age 18 to 44	143	138	138	134	132	130	129	133	136	136	132	129	121
Age 45 to 64	102	108	115	109	107	100	102	101	102	105	104	102	99
Age 65+	89	95	95	89	85	90	99	99	101	98	98	92	90
Income Bottom Third	92	92	94	94	89	92	91	94	92	93	93	86	83
Income Middle Third	109	113	117	110	113	107	110	108	111	109	108	103	95
Income Top Third	142	145	147	139	132	130	135	138	142	141	139	139	135
Educ High School or Less	95	100	98	97	89	91	88	95	96	101	99	95	88
Educ Some College	103	106	105	101	94	94	101	107	109	101	93	84	80
Educ College Degree	127	127	133	126	128	124	126	123	125	127	128	125	119
Democrat	142	142	143	134	135	135	143	145	149	150	150	148	140
Independent	110	115	115	115	110	111	110	111	113	114	112	102	95
Republican	86	86	93	88	84	79	76	77	76	77	76	74	70

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

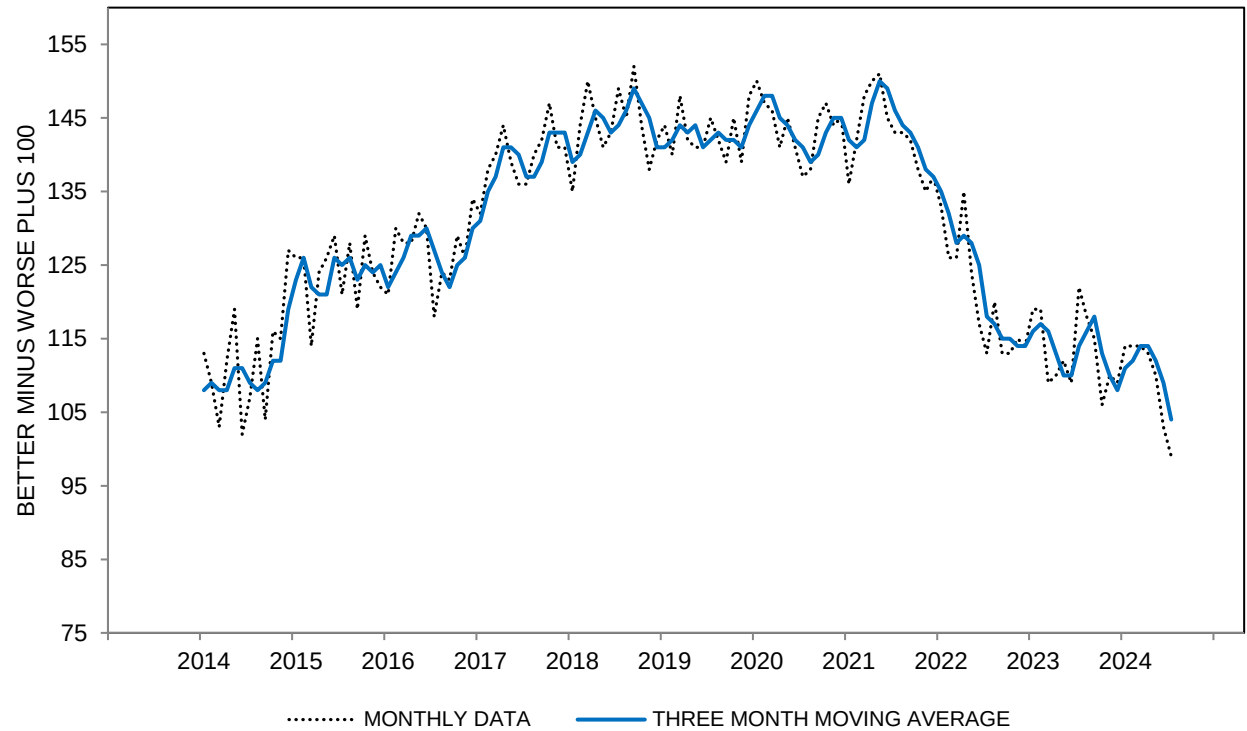


CHART 10: CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO

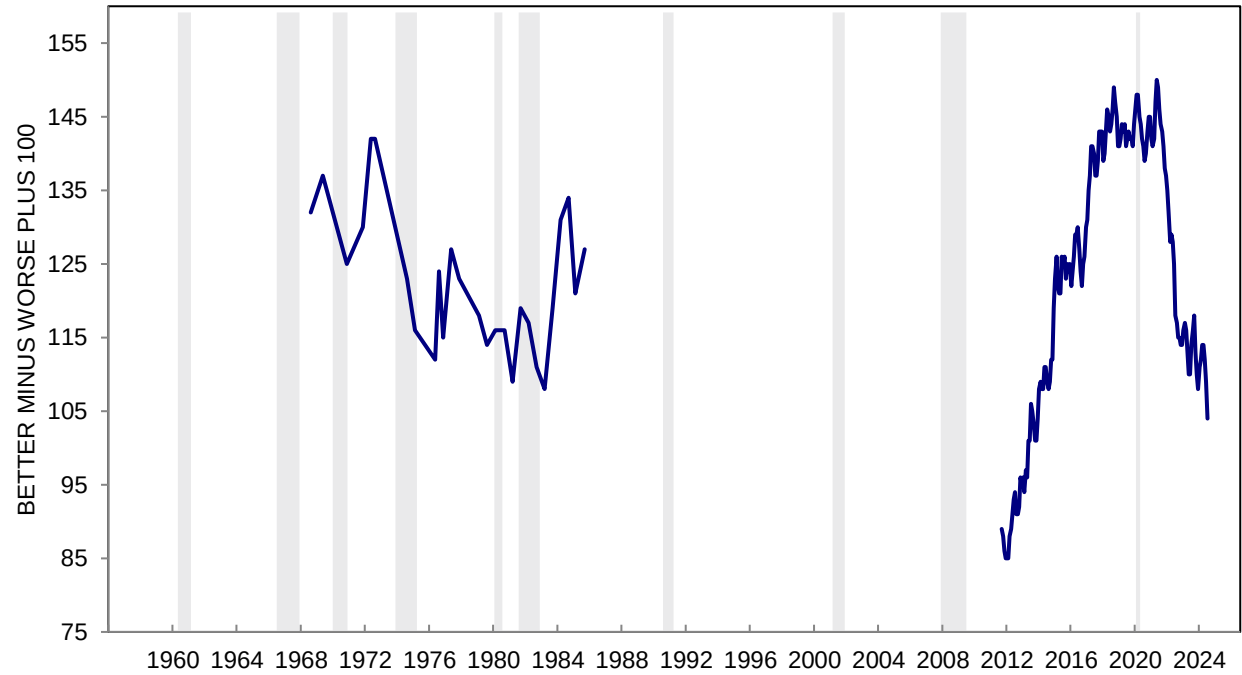


TABLE 11**EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS**

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
BETTER OFF	49%	51%	47%	46%	50%	49%	54%	48%	51%	48%	48%	44%	44%
SAME	29	29	31	30	28	28	27	32	31	30	29	31	32
WORSE OFF	15	17	16	19	18	16	14	16	12	16	19	21	22
DK, NA	7	3	6	5	4	7	5	4	6	6	4	4	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	134	134	131	127	132	133	140	132	139	132	129	123	122

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

All	133	133	133	131	130	131	135	135	137	134	133	128	125
Age 18 to 44	161	159	159	159	158	160	163	162	161	159	159	156	150
Age 45 to 64	127	131	129	125	125	124	132	131	136	133	130	124	122
Age 65+	104	102	103	100	99	101	103	105	108	106	105	101	101
Income Bottom Third	129	127	122	118	116	117	127	127	130	126	127	118	110
Income Middle Third	132	129	131	131	136	138	137	135	136	135	132	124	122
Income Top Third	140	145	146	145	140	139	144	145	148	144	144	143	143
Educ High School or Less	125	124	120	118	117	120	126	128	130	128	125	118	116
Educ Some College	128	129	129	128	125	125	129	131	133	128	125	120	118
Educ College Degree	140	139	141	139	140	139	142	140	142	140	141	135	130
Democrat	143	143	142	141	142	143	147	142	145	143	147	144	139
Independent	133	135	135	131	127	127	133	137	138	136	131	124	120
Republican	122	121	122	125	126	126	124	121	125	123	123	115	115

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

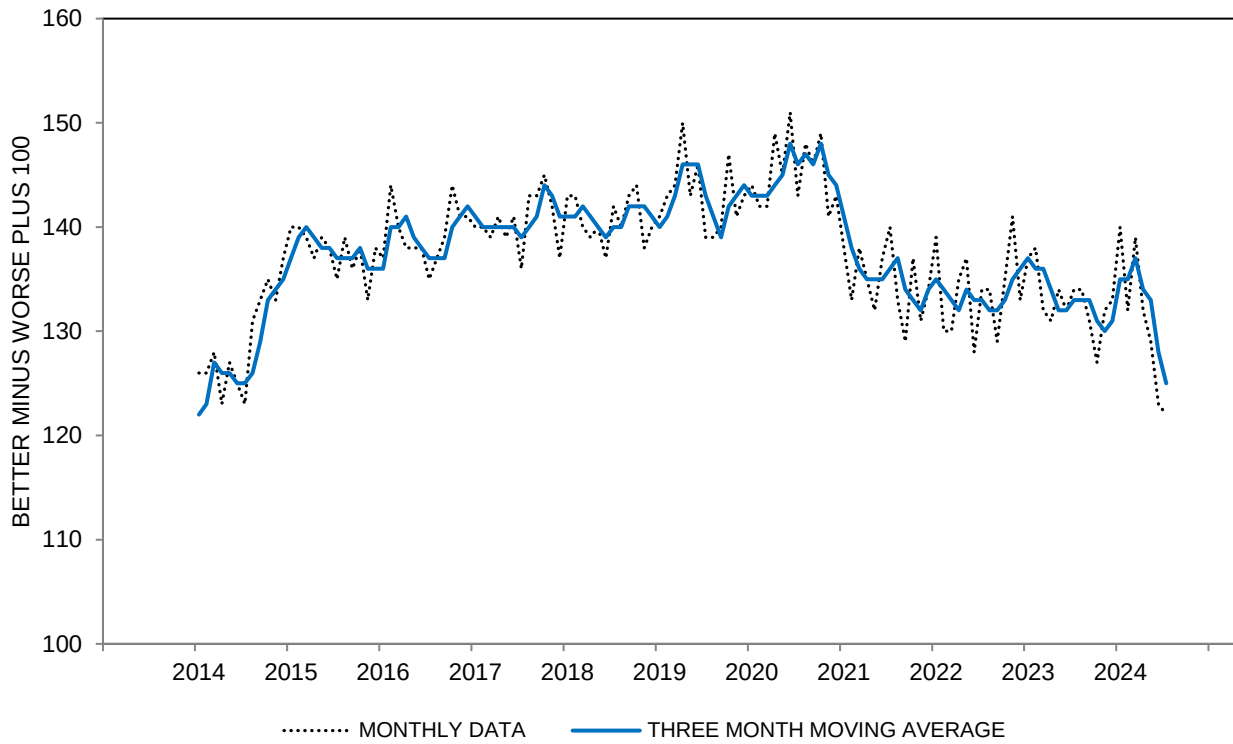


CHART 11: EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS

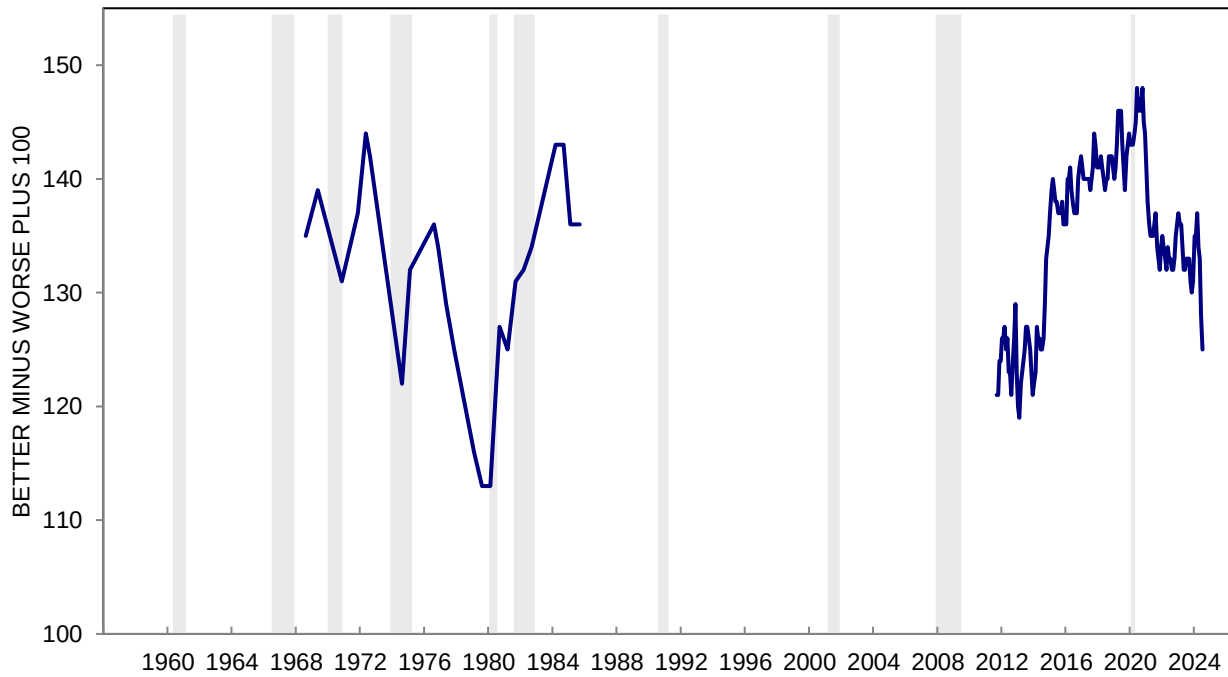


TABLE 12

FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
Personal Financial Progress													
Continuous increase (a)	34%	33%	30%	28%	31%	31%	32%	30%	31%	31%	31%	28%	25%
Intermittent increase (b)	18	19	18	15	18	15	18	18	19	16	16	15	16
Remain unchanged (c)	3	3	5	6	4	6	4	5	5	6	6	6	9
Intermittent decline (d)	11	12	11	12	12	11	10	12	11	12	13	14	14
Continuous decline (e)	8	9	10	12	12	11	9	9	8	10	13	14	15
Mixed change (f)	19	20	19	21	18	19	21	21	19	19	18	18	18
DK, NA	7	4	7	6	5	7	6	5	7	6	3	5	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	133	131	127	119	125	124	131	127	131	125	121	115	112

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

All	126	128	130	126	124	123	127	127	130	128	126	120	116
Age 18 to 44	156	153	154	150	148	147	149	152	153	151	148	145	139
Age 45 to 64	114	122	126	121	120	115	120	117	120	120	118	114	112
Age 65+	98	102	103	96	93	98	105	107	110	108	107	100	97
Income Bottom Third	110	110	110	106	103	104	110	111	113	110	109	100	96
Income Middle Third	121	124	127	123	128	127	128	124	127	125	122	115	108
Income Top Third	146	152	154	148	141	139	144	148	152	149	148	147	146
Educ High School or Less	113	115	112	109	104	106	108	112	115	117	112	105	98
Educ Some College	116	120	119	116	111	111	118	122	124	116	111	103	99
Educ College Degree	136	137	143	137	138	135	139	136	139	139	139	134	128
Democrat	148	149	150	144	146	146	153	151	155	155	155	152	146
Independent	123	129	129	126	121	120	124	127	130	127	123	114	107
Republican	102	103	109	107	104	103	101	99	101	101	101	94	91

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

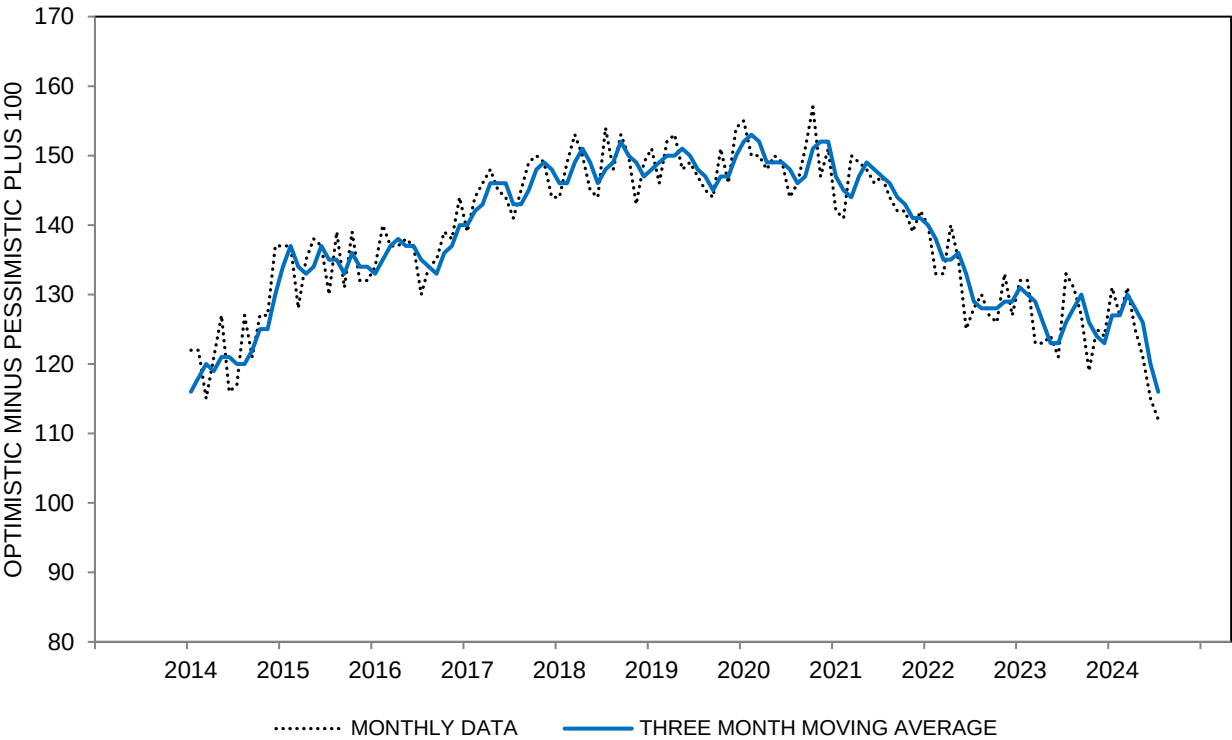


CHART 12: FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

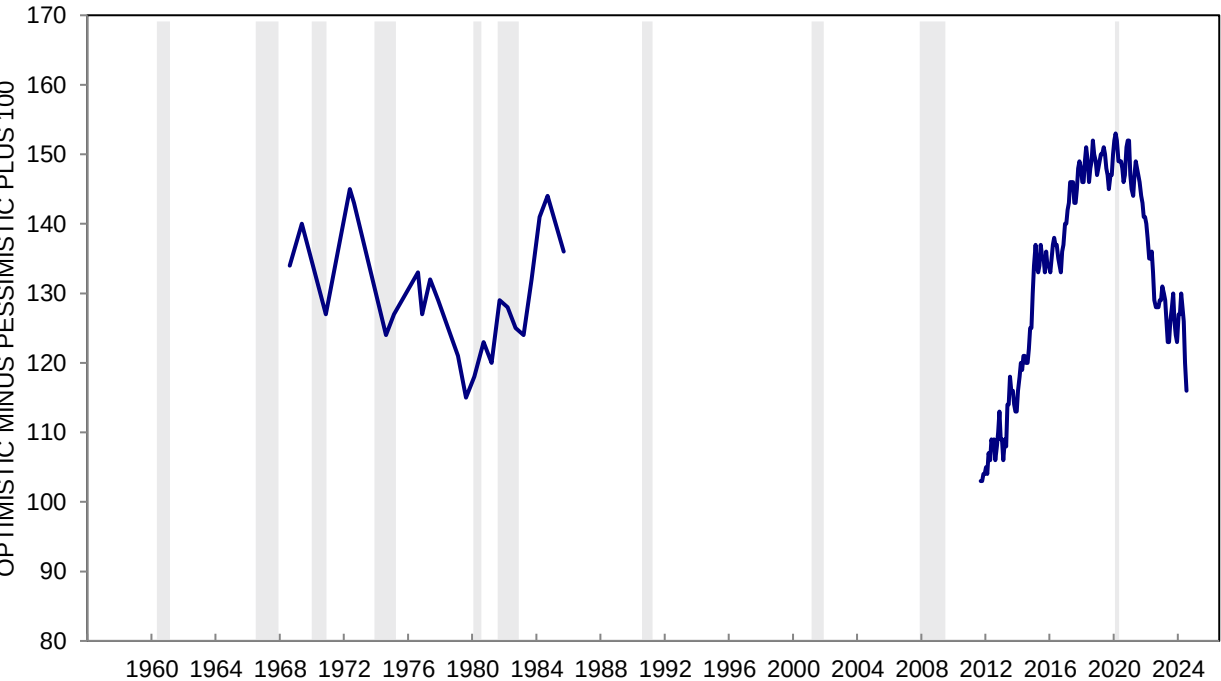


TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
EXPECT INCREASE:													
1-2%	11%	11%	11%	11%	10%	10%	12%	9%	12%	8%	8%	9%	15%
3-4%	13	14	12	16	15	15	18	15	15	13	12	13	16
5%	8	11	7	9	7	9	10	10	11	9	7	6	8
6-9%	6	4	5	3	4	3	4	4	3	5	3	2	3
10-24%	10	12	12	9	14	13	11	16	13	9	9	6	6
25% or more	7	7	7	6	7	5	9	5	8	7	5	4	3
DK how much up	2	1	1	1	1	4	1	1	2	1	3	2	5
EXPECT SAME	26	24	28	26	25	24	23	27	22	31	33	40	32
EXPECT DOWN	17	16	17	19	17	16	12	12	14	13	16	10	12
DK, NA	*	*	*	*	*	1	*	1	*	4	4	8	*
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cases	601	604	602	605	600	600	601	602	602	801	991	961	862
MEDIAN	1.9	2.4	1.7	1.6	2.2	2.1	2.7	2.6	2.6	2.4	1.3	1.2	1.1

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

All	2.0	2.0	2.0	1.9	1.8	2.0	2.3	2.5	2.6	2.5	2.1	1.6	1.2
Age 18 to 44	3.8	3.4	3.5	3.4	3.4	3.4	3.6	4.0	4.4	4.5	4.1	3.4	2.9
Age 45 to 64	1.9	2.1	1.9	1.9	2.0	2.3	2.4	2.2	2.1	2.0	1.7	0.8	0.4
Age 65+	0.2	-0.1	-0.1	-0.1	0.3	0.3	0.6	0.7	0.8	0.5	0.4	0.0	0.0
Income Bottom Third	0.9	0.8	0.3	0.3	0.2	1.2	1.5	1.8	1.6	1.6	1.3	0.4	0.0
Income Middle Third	2.0	2.2	2.2	2.2	2.2	2.4	2.4	2.5	2.5	2.4	1.9	1.6	1.0
Income Top Third	2.9	2.9	2.9	2.8	2.7	2.5	2.8	2.9	3.3	3.5	3.2	3.0	2.7
Educ High School or Less	1.0	0.8	0.7	0.5	0.8	0.8	1.6	1.6	2.2	2.5	2.0	0.7	-0.3
Educ Some College	1.0	1.4	1.3	1.5	1.3	1.5	1.8	2.2	2.2	2.0	1.4	0.5	0.1
Educ College Degree	2.5	2.5	2.7	2.7	2.6	2.6	2.7	2.8	2.9	2.8	2.5	2.3	2.1
Democrat	3.0	2.8	2.7	2.7	2.7	2.8	2.9	3.0	3.0	3.0	2.9	2.8	2.4
Independent	2.0	2.0	1.6	1.7	1.8	2.3	2.6	2.6	2.6	2.7	2.0	1.3	0.6
Republican	0.7	0.8	1.0	1.0	0.6	0.4	1.0	1.6	2.1	1.5	1.0	0.2	0.2

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

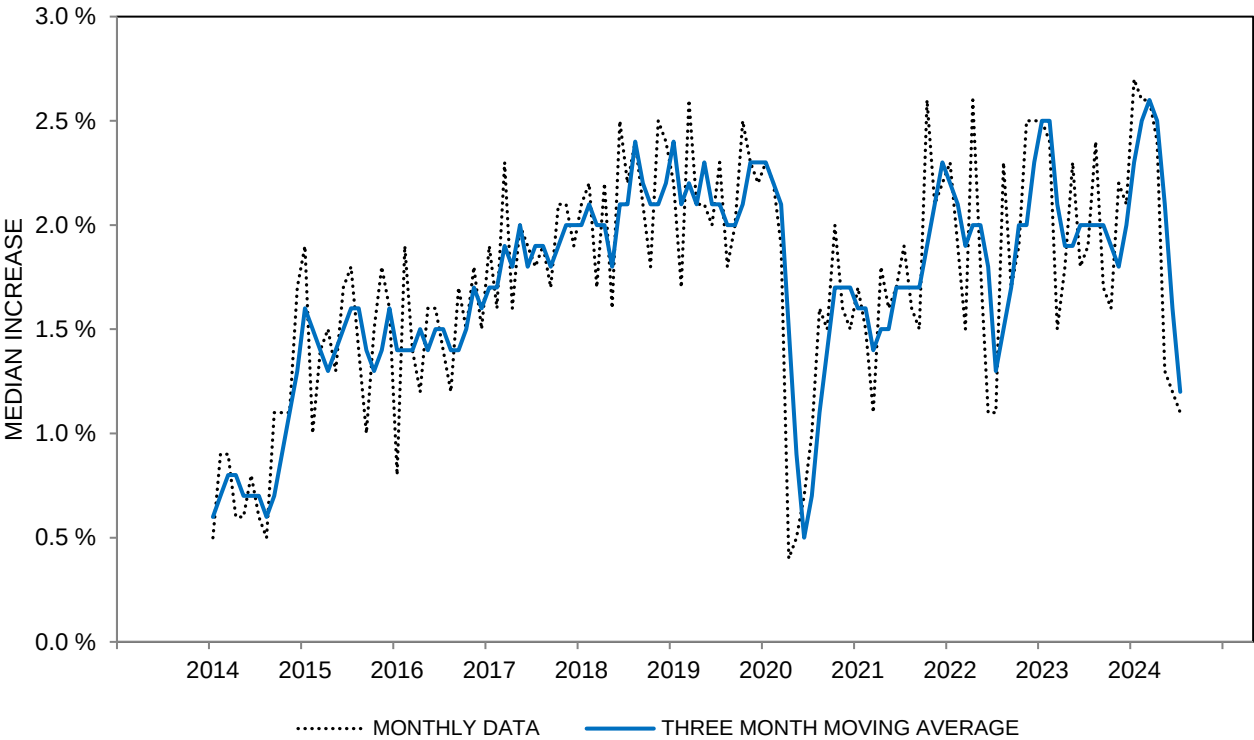


CHART 13: EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

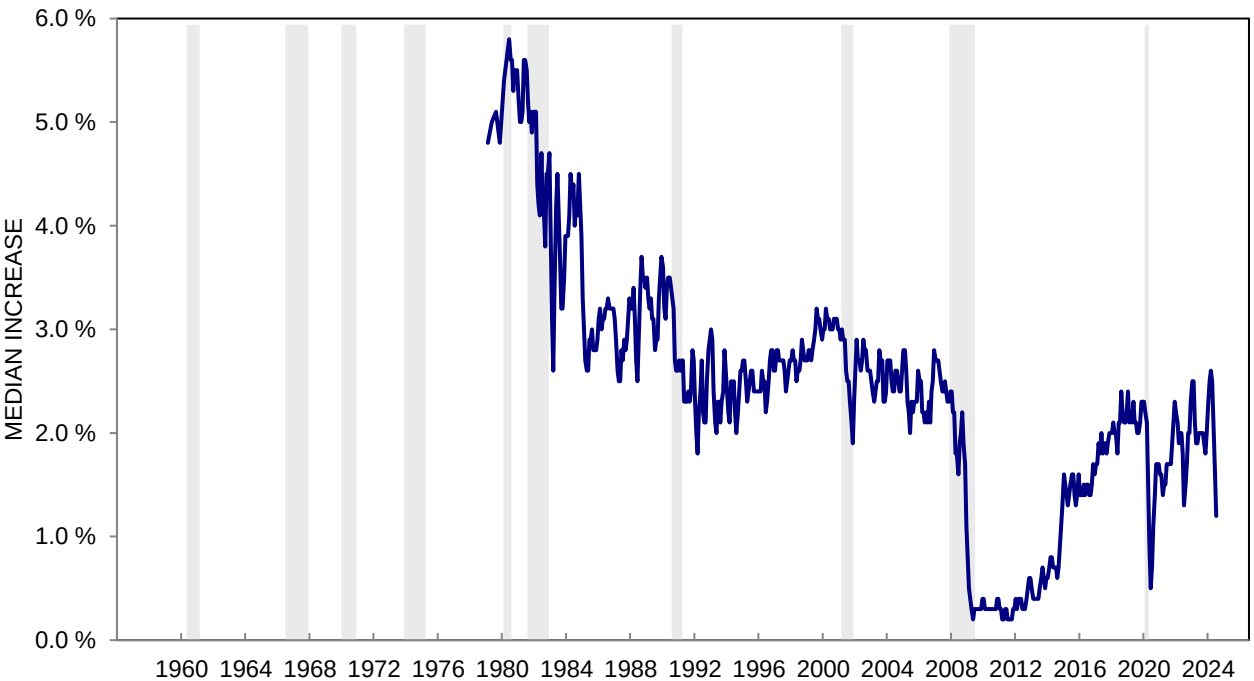


TABLE 14

EXPECTED CHANGE IN REAL HOUSEHOLD INCOME DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
INCOME UP MORE	20%	19%	19%	15%	16%	18%	22%	20%	19%	16%	16%	16%	14%
INCOME UP SAME	35	35	32	36	33	37	36	35	39	34	27	25	24
PRICES UP MORE	44	45	47	48	49	44	41	44	41	49	56	58	61
DK, NA	1	1	2	1	2	1	1	1	1	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	76	74	72	67	67	74	81	76	78	67	60	58	53

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

All	69	72	74	71	69	69	74	77	78	74	68	62	57
Age 18 to 44	89	89	90	84	80	80	86	92	94	90	82	75	67
Age 45 to 64	65	69	73	71	70	68	70	72	72	67	62	56	54
Age 65+	48	52	56	53	53	58	64	64	65	61	59	55	52
Income Bottom Third	63	64	63	59	57	59	64	66	69	62	58	46	43
Income Middle Third	62	64	70	67	68	68	71	73	72	70	63	57	50
Income Top Third	84	87	89	85	82	81	87	91	93	88	84	83	80
Educ High School or Less	64	68	69	65	63	62	67	65	68	67	64	60	55
Educ Some College	61	64	65	67	64	63	62	67	69	64	56	47	40
Educ College Degree	76	77	81	76	74	76	82	86	87	81	76	70	66
Democrat	84	83	89	86	84	85	91	93	92	87	85	82	76
Independent	70	74	74	70	67	69	73	77	78	75	65	57	49
Republican	51	55	59	58	55	55	58	61	63	58	53	46	46

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

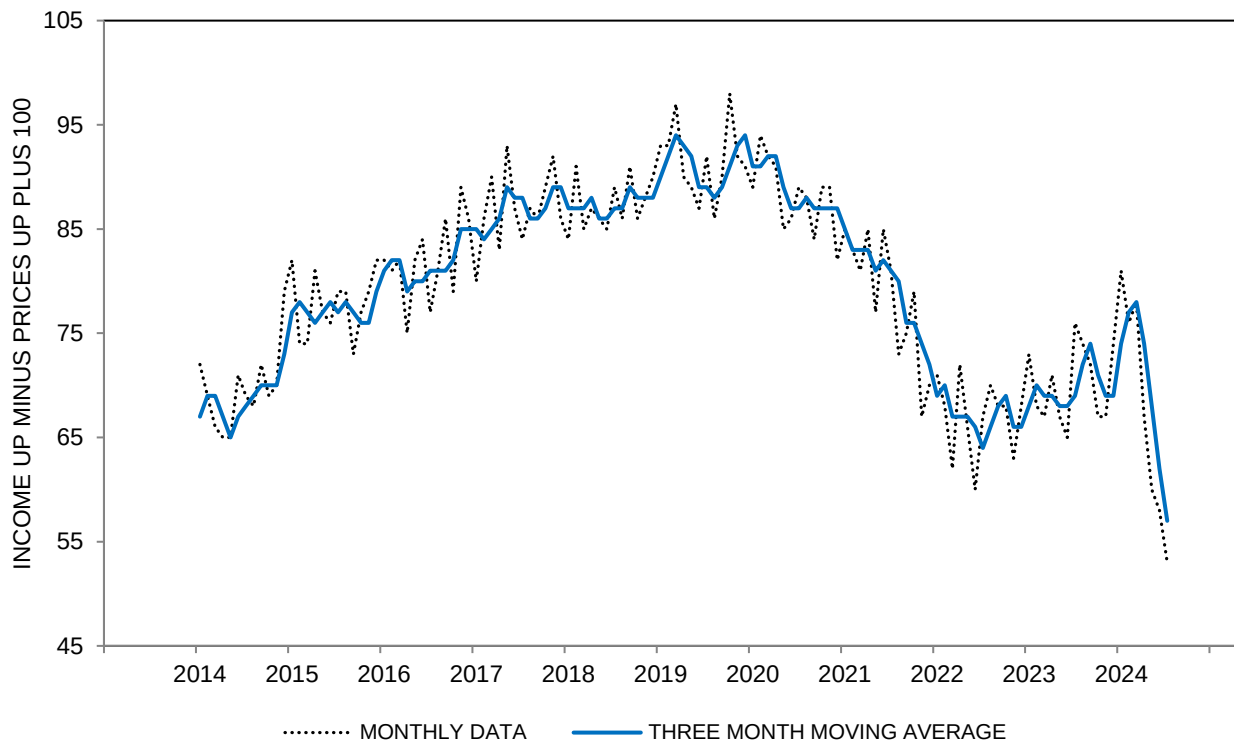


CHART 14: EXPECTED CHANGE IN REAL INCOME DURING THE NEXT YEAR

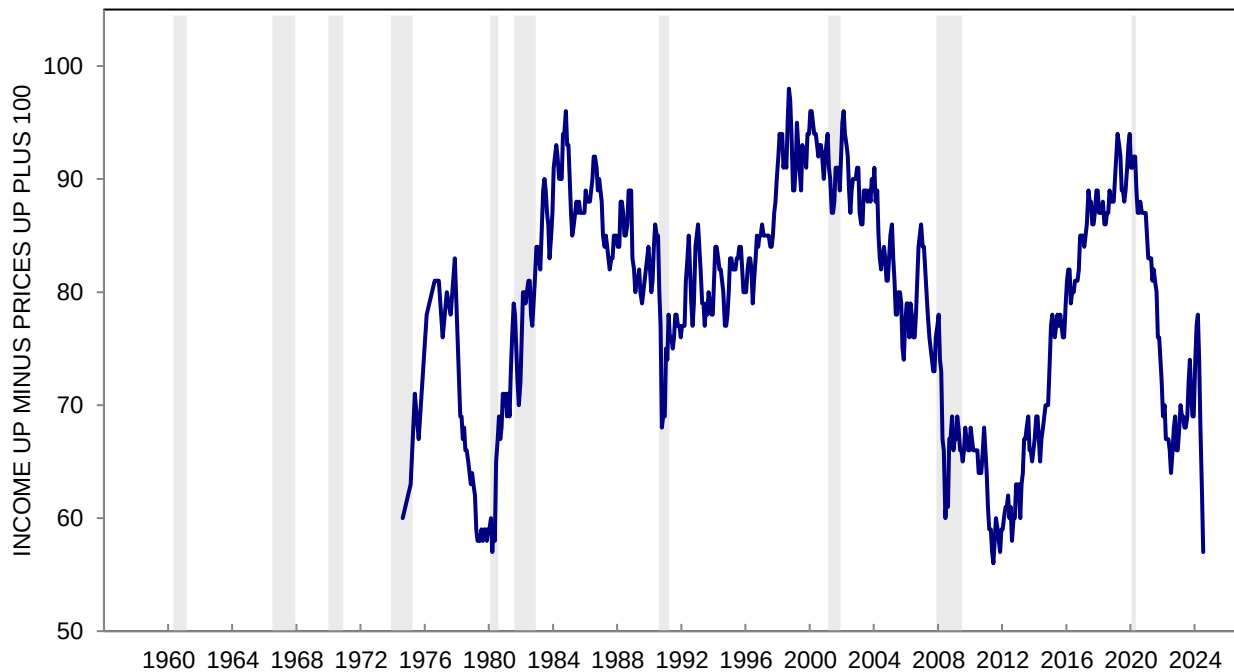


TABLE 15

PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
0%	16%	14%	16%	16%	17%	15%	12%	12%	14%	15%	17%	19%	20%
1 - 24%	14	16	16	17	14	14	14	15	17	17	17	17	20
25 - 49%	7	7	8	7	6	7	6	5	5	8	6	8	6
50%	13	15	12	12	12	11	11	14	12	13	12	12	13
51 - 74%	9	8	9	9	7	8	7	10	9	7	7	6	5
75 - 99%	20	19	19	21	21	21	28	23	22	19	18	19	15
100%	18	18	18	16	20	21	20	19	19	17	17	13	13
DK, NA	3	3	2	2	3	3	2	2	2	4	6	6	8
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEAN	52	52	51	50	53	55	58	56	54	50	49	46	43

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

All	51	52	52	51	51	53	55	56	56	53	51	48	46
Age 18 to 44	65	64	63	62	63	65	68	68	69	66	65	62	60
Age 45 to 64	49	52	50	50	50	53	54	54	52	51	49	46	43
Age 65+	33	35	38	37	37	37	40	42	44	41	38	36	35
Income Bottom Third	45	45	45	45	44	46	48	48	46	43	42	38	35
Income Middle Third	51	52	51	51	53	55	56	56	55	53	52	50	46
Income Top Third	58	60	61	58	58	58	63	65	67	64	61	59	58
Educ High School or Less	44	44	45	44	44	42	46	46	48	46	45	42	36
Educ Some College	47	49	47	49	51	53	53	51	51	48	46	41	38
Educ College Degree	56	57	57	56	55	57	60	63	62	59	56	54	52
Democrat	56	58	57	56	55	55	58	60	61	59	57	56	52
Independent	52	53	52	51	52	55	59	58	56	53	50	49	46
Republican	43	44	47	47	47	47	47	48	51	48	47	41	40

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

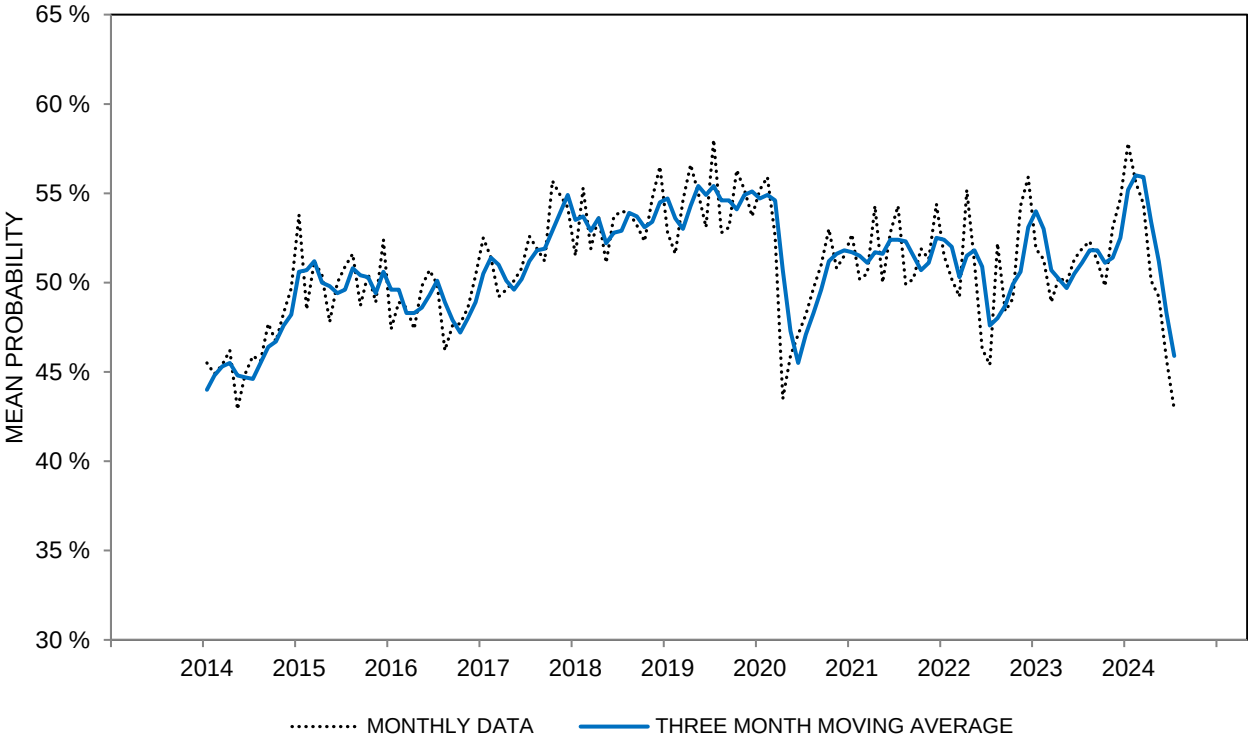


CHART 15: PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD

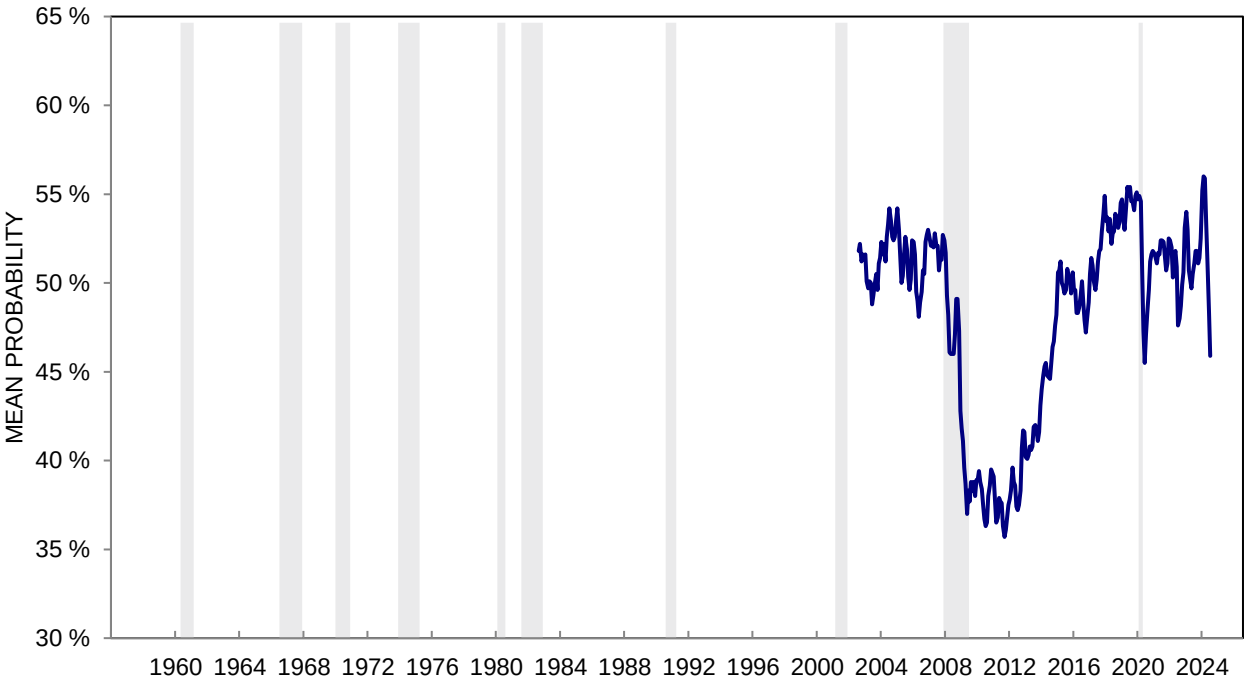


TABLE 16

PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
0%	17%	16%	20%	19%	18%	17%	16%	18%	17%	19%	27%	30%	33%
1 - 24%	30	29	29	30	30	28	26	26	29	30	25	24	24
25 - 49%	13	13	10	13	12	13	11	13	12	13	12	10	10
50%	12	15	14	12	16	13	15	16	15	13	12	11	11
51 - 74%	7	7	7	7	8	8	9	9	8	6	4	5	4
75 - 99%	13	13	13	12	9	15	15	11	14	12	11	12	8
100%	6	6	6	5	5	4	6	6	4	5	5	3	4
DK, NA	2	1	1	2	2	2	2	1	1	2	4	5	6
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEAN	37	37	36	35	34	37	40	37	36	34	31	29	26

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

All	36	36	37	36	35	35	37	38	38	36	34	31	29
Age 18 to 44	47	47	47	46	46	45	47	49	48	46	44	43	40
Age 45 to 64	35	37	37	35	34	34	35	36	35	34	31	29	27
Age 65+	21	22	22	22	22	23	25	26	26	25	24	21	20
Income Bottom Third	32	30	30	30	29	30	30	30	29	27	25	22	19
Income Middle Third	32	34	35	34	33	34	36	38	37	35	33	30	26
Income Top Third	45	46	46	44	42	42	45	46	47	45	44	44	43
Educ High School or Less	30	33	34	34	32	30	31	32	32	31	28	27	22
Educ Some College	30	29	29	30	30	30	31	32	32	30	28	24	20
Educ College Degree	41	42	42	40	39	40	42	43	42	41	39	36	35
Democrat	40	41	43	42	40	40	41	43	41	40	39	39	37
Independent	37	38	37	36	34	35	37	39	39	37	34	30	26
Republican	30	29	30	30	31	31	32	31	32	29	29	25	25

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

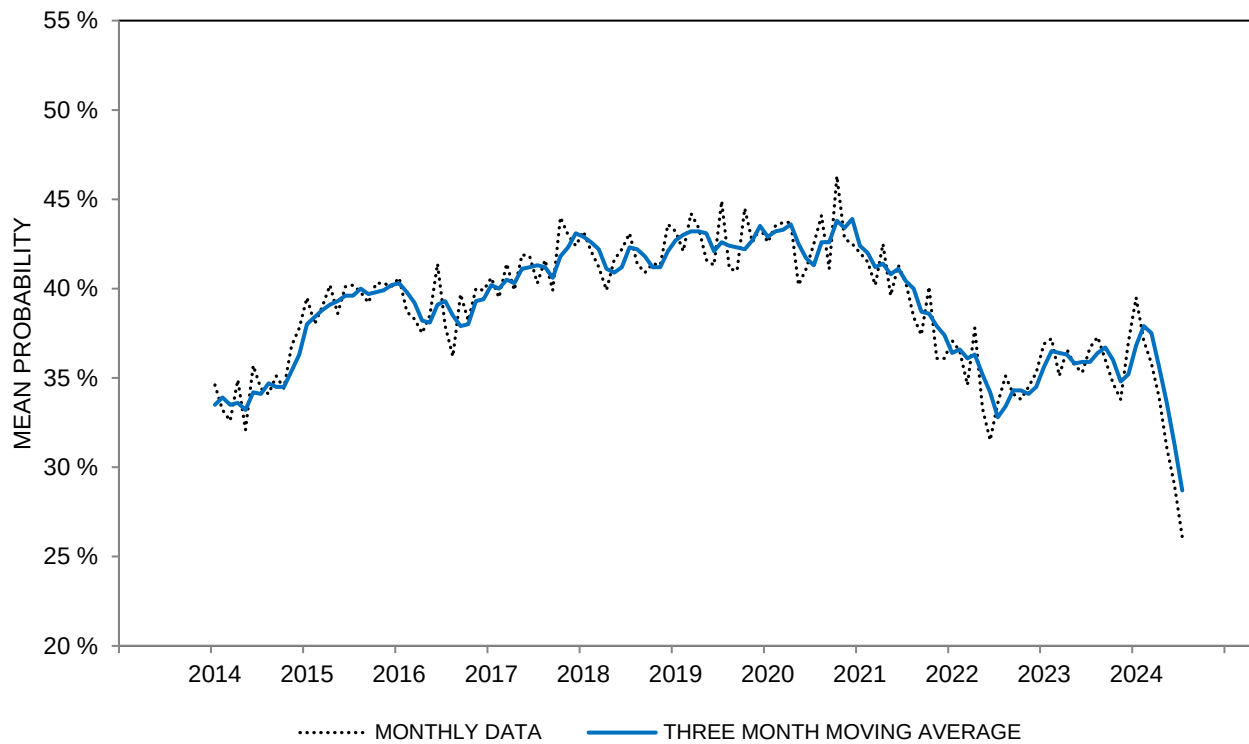


CHART 16: PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

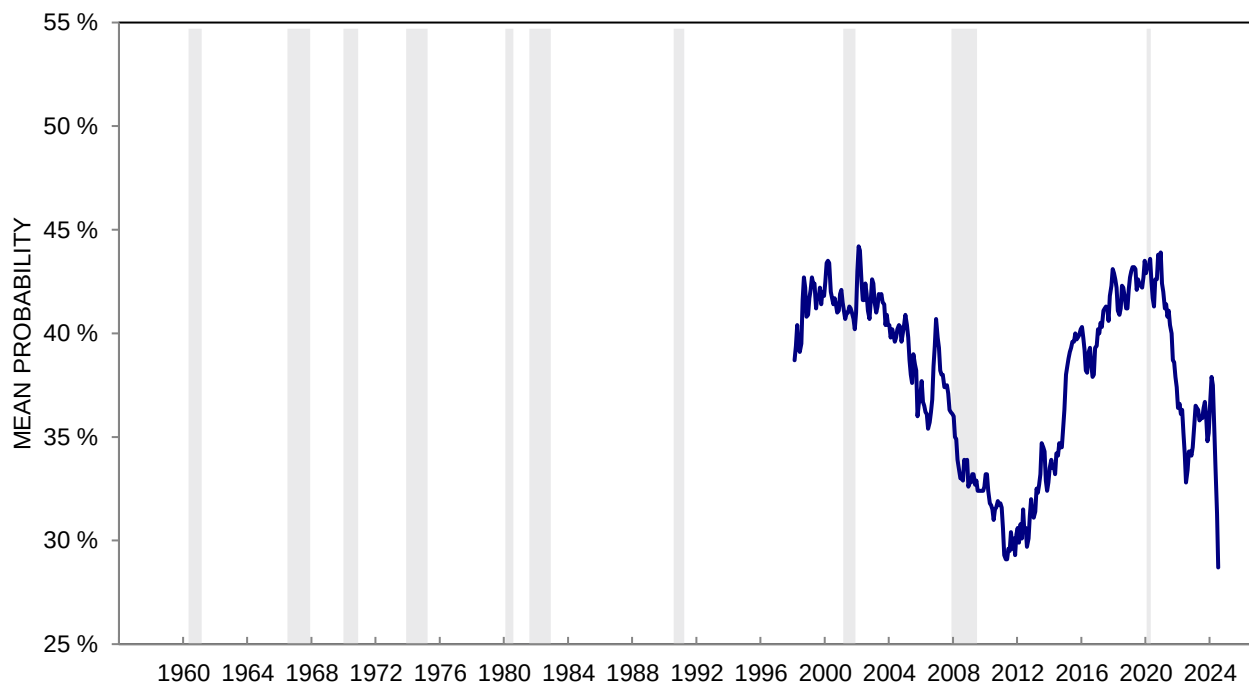


TABLE 17

PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
0%	48%	45%	43%	42%	45%	44%	44%	43%	47%	43%	38%	40%	38%
1 - 24%	27	25	26	29	24	26	29	27	25	25	29	23	23
25 - 49%	8	10	10	9	10	13	10	13	8	11	10	12	10
50%	8	10	10	10	11	10	8	10	10	11	9	10	12
51 - 74%	1	4	4	3	4	2	2	2	2	1	2	2	2
75 - 99%	4	4	5	4	3	3	4	3	4	4	3	2	2
100%	2	1	1	2	2	1	2	1	3	2	3	2	3
DK, NA	2	1	1	1	1	1	1	1	1	3	6	9	10
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEAN	16	18	19	19	19	17	17	18	18	18	19	18	20

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

All	17	17	18	19	19	18	18	17	18	18	18	18	19
Age 18 to 44	23	24	25	27	27	26	25	25	26	26	26	24	25
Age 45 to 64	19	18	19	20	20	20	20	19	19	19	20	20	21
Age 65+	7	6	5	5	6	6	6	5	5	5	7	8	9
Income Bottom Third	21	19	19	18	20	19	20	19	18	18	20	20	21
Income Middle Third	16	16	17	19	20	19	18	17	17	17	18	17	18
Income Top Third	16	17	18	20	18	17	17	17	18	18	18	17	18
Educ High School or Less	22	22	23	23	21	19	20	20	22	21	21	21	23
Educ Some College	17	14	15	17	19	18	17	16	17	18	19	18	18
Educ College Degree	15	16	16	18	18	18	17	16	16	17	17	18	19
Democrat	15	17	17	18	17	16	15	15	16	17	16	16	17
Independent	20	19	19	20	20	19	20	20	21	21	21	20	21
Republican	14	14	16	17	18	18	17	15	14	14	16	17	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

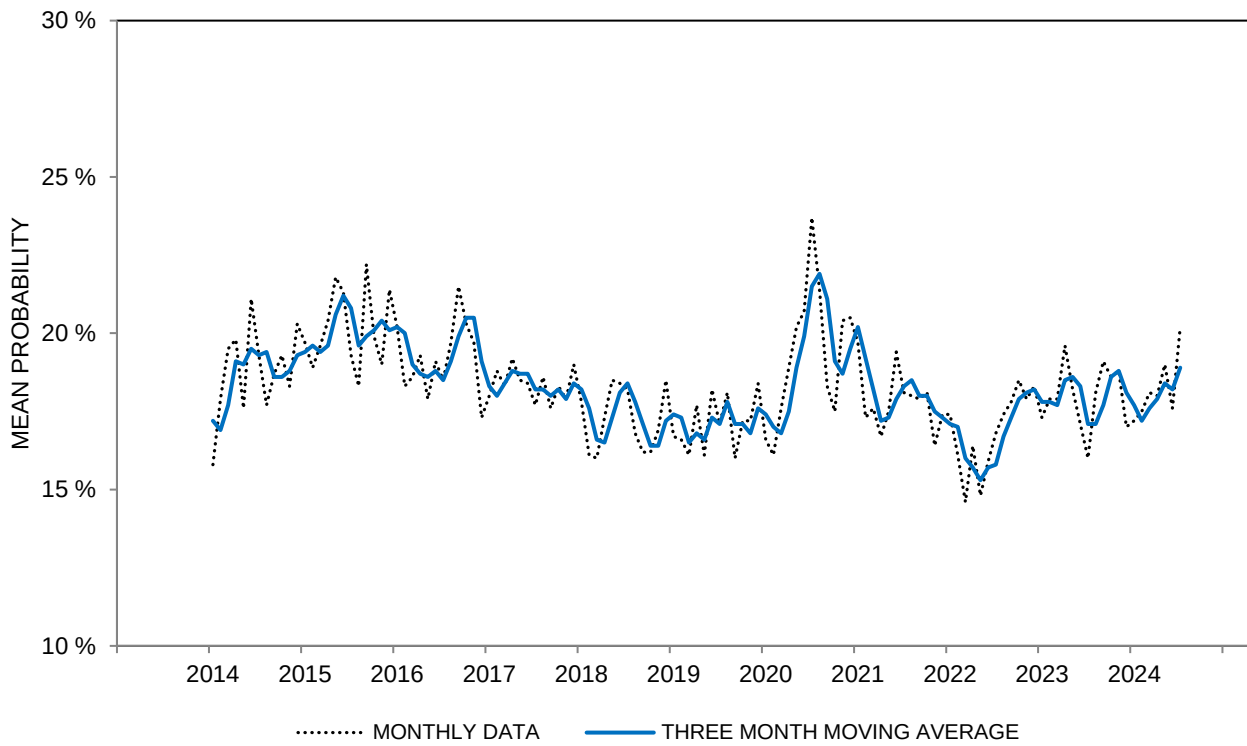


CHART 17: PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

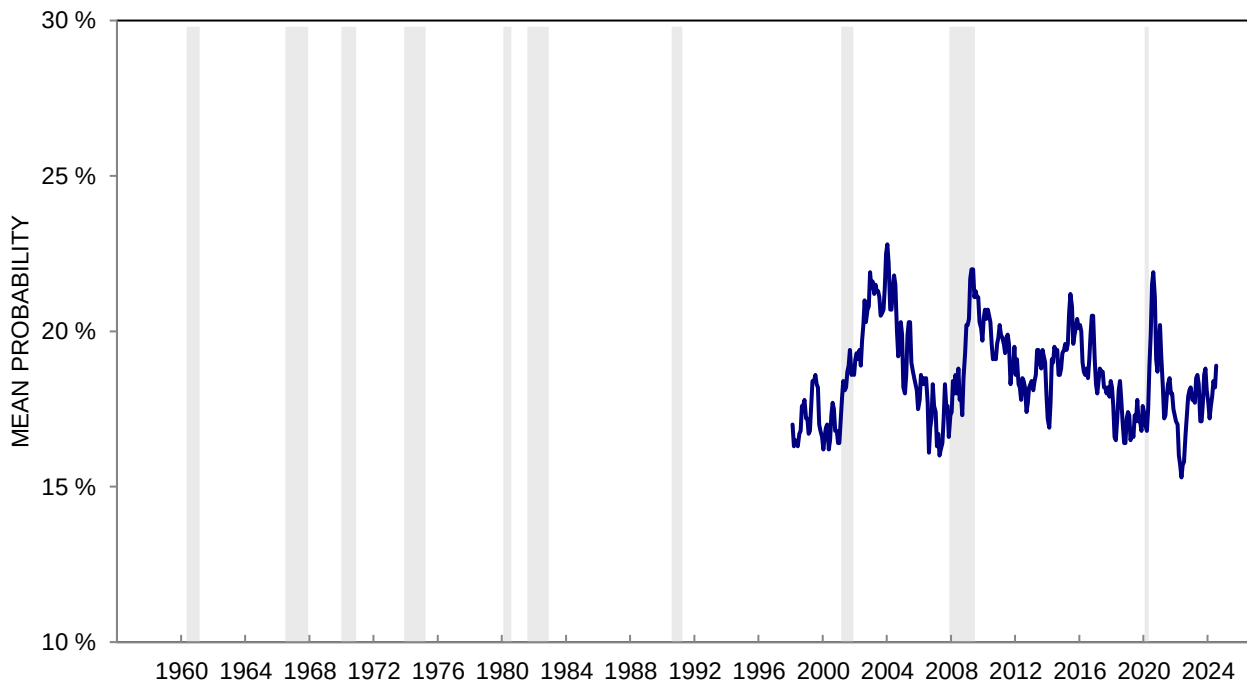


TABLE 18

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

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
0%	19%	21%	18%	22%	21%	22%	18%	19%	18%	23%	26%	30%	21%
1 - 24%	27	23	24	24	27	24	22	24	20	20	22	19	17
25 - 49%	10	13	12	12	11	10	11	14	10	12	10	10	7
50%	13	15	13	14	12	11	12	13	15	13	11	10	10
51 - 74%	7	7	7	7	7	8	8	9	9	6	5	6	6
75 - 99%	14	13	16	13	15	15	18	15	19	17	15	11	19
100%	8	6	7	6	5	7	9	4	7	6	6	8	13
DK, NA	2	2	3	2	2	3	2	2	2	3	5	6	7
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEAN	38	36	40	35	36	38	42	38	43	38	35	34	45

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

All	37	37	38	37	37	36	38	39	41	40	39	36	38
Age 18 to 44	32	33	33	32	32	33	34	35	35	34	32	28	30
Age 45 to 64	37	38	37	37	36	35	35	36	38	38	37	34	36
Age 65+	45	44	46	44	45	43	47	47	50	49	49	46	50
Income Bottom Third	32	32	31	32	31	31	31	32	35	35	33	29	27
Income Middle Third	39	37	38	36	38	37	40	39	40	39	37	37	39
Income Top Third	43	44	45	44	42	41	44	45	47	45	45	42	47
Educ High School or Less	32	33	33	33	32	32	32	34	35	36	33	31	29
Educ Some College	32	33	33	34	33	33	34	33	35	34	34	31	32
Educ College Degree	43	41	43	41	41	40	43	43	46	44	43	40	43
Democrat	44	44	46	44	45	44	46	46	48	47	44	42	44
Independent	35	35	34	34	32	33	34	36	37	37	36	34	35
Republican	34	34	36	35	36	34	36	35	37	36	36	32	34

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

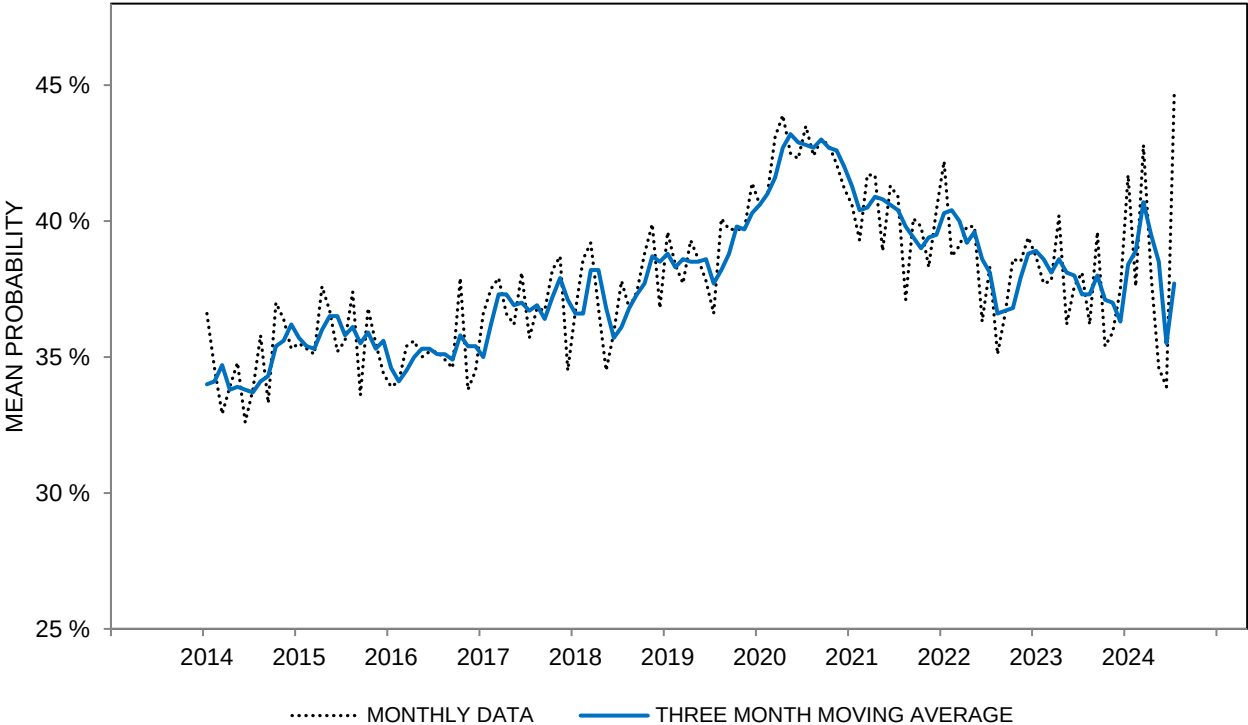


CHART 18: PROBABILITY THAT SOCIAL SECURITY AND PENSIONS WILL PROVIDE ADEQUATE RETIREMENT INCOME

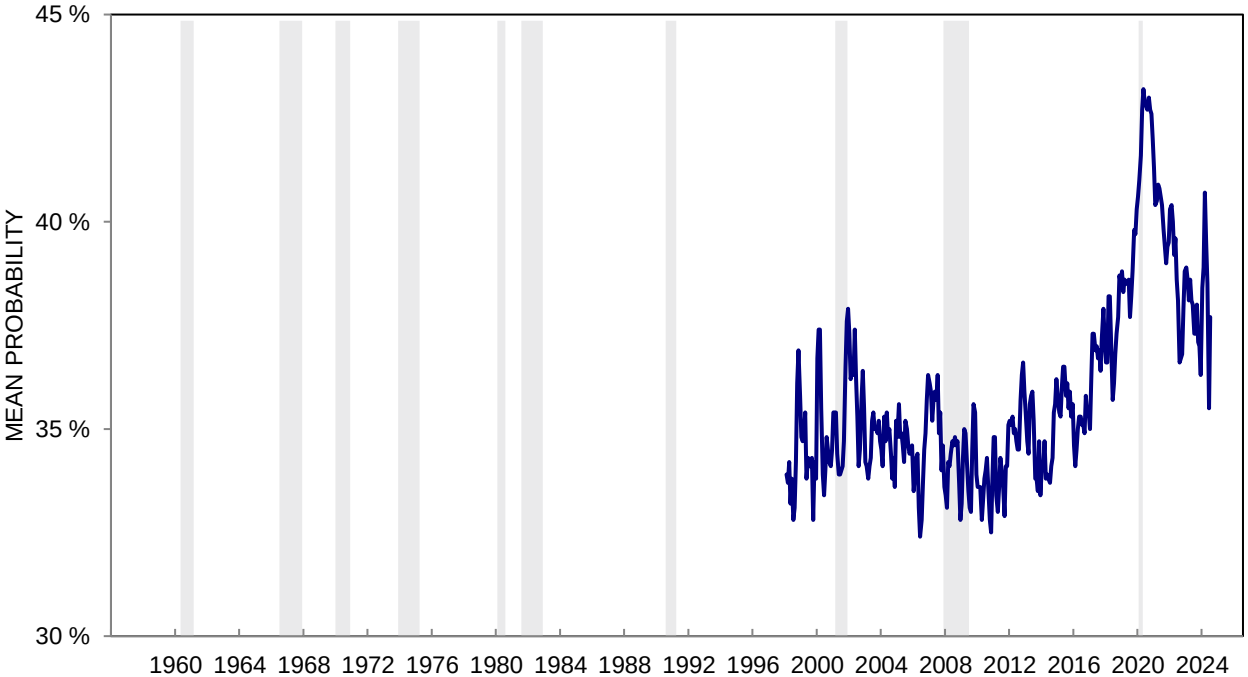


TABLE 19

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

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GONE UP	23%	22%	22%	18%	23%	20%	25%	22%	25%	22%	20%	19%	17%
STAY THE SAME	40	42	41	42	38	42	41	43	43	38	36	35	34
GONE DOWN	35	35	36	39	38	37	33	34	30	38	40	42	44
DK, NA	2	1	1	1	1	1	1	1	2	2	4	4	5
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	88	87	86	79	85	83	92	88	95	84	80	77	73

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

All	85	86	87	84	83	82	87	88	92	89	86	80	77
Age 18 to 44	90	87	85	81	82	85	90	90	92	87	85	79	74
Age 45 to 64	80	84	87	83	82	78	81	82	86	87	84	77	71
Age 65+	83	88	92	89	87	84	89	91	97	94	92	86	85
Income Bottom Third	74	76	74	74	74	75	75	74	75	73	70	65	61
Income Middle Third	78	80	80	79	82	80	85	83	89	85	84	75	70
Income Top Third	101	103	106	98	94	92	100	104	110	109	106	101	98
Educ High School or Less	80	82	77	77	76	76	81	78	80	76	72	65	61
Educ Some College	70	78	77	76	73	72	75	74	79	76	73	62	57
Educ College Degree	95	92	96	91	93	90	95	97	102	101	98	93	87
Democrat	104	108	106	102	99	98	104	105	109	109	108	103	98
Independent	82	83	83	81	80	81	85	84	87	84	80	74	68
Republican	66	67	71	70	70	68	69	72	77	74	72	63	59

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**

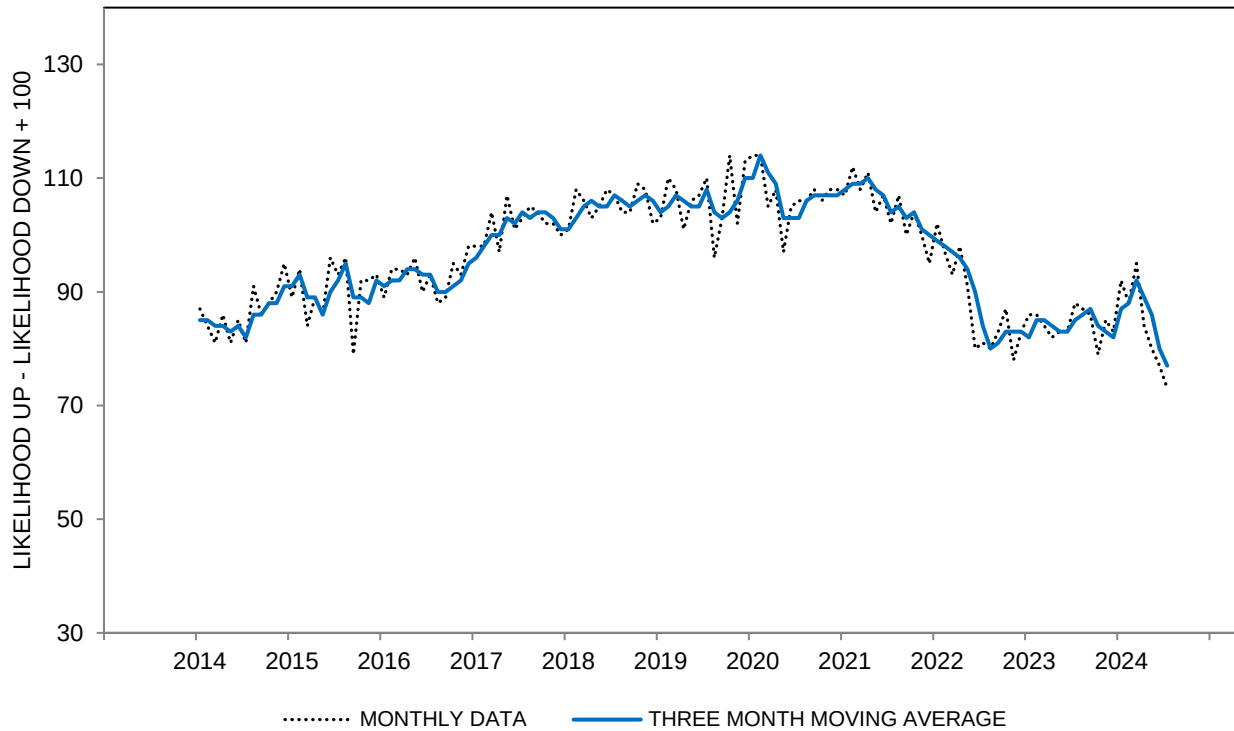


**CHART 19: CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT
COMPARED WITH 5 YEARS AGO**

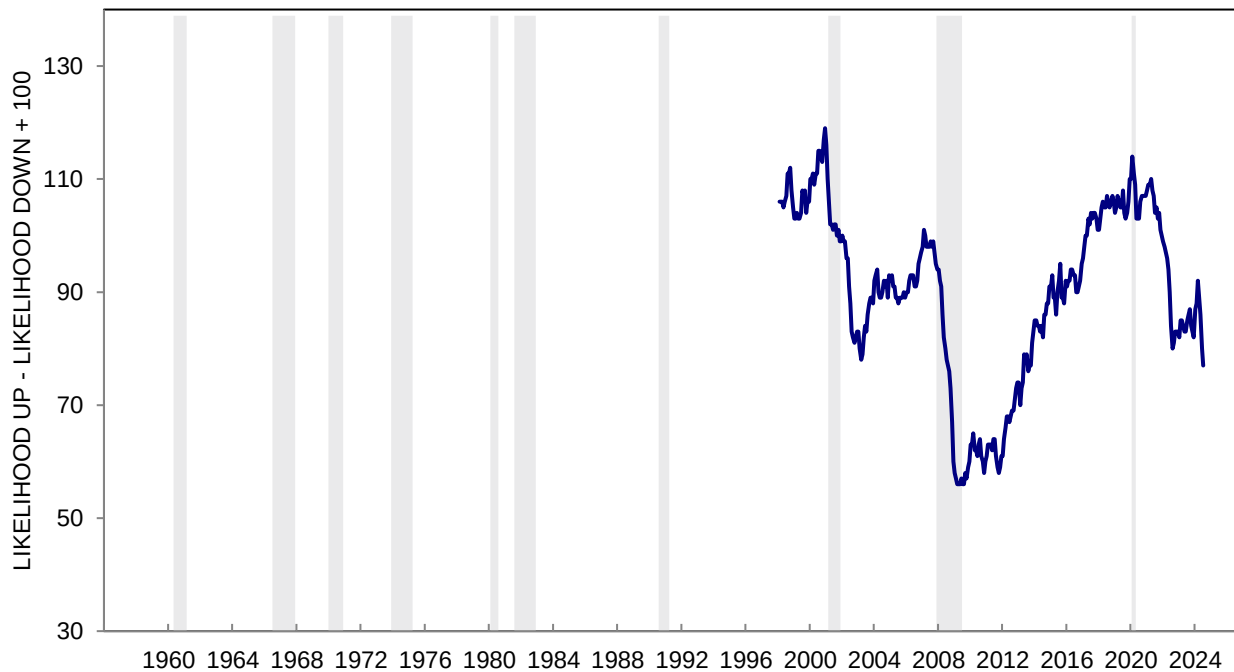


TABLE 20

PROBABILITY OF INCREASE IN STOCK MARKET PRICES IN THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
0%	2%	2%	6%	5%	5%	2%	3%	2%	3%	3%	4%	3%	3%
1 - 24%	17	17	20	19	16	13	12	14	12	11	14	14	15
25 - 49%	11	9	8	6	12	9	10	7	7	8	8	10	6
50%	18	19	18	17	22	21	13	20	16	17	21	17	23
51 - 74%	15	16	14	17	13	19	14	17	16	14	13	16	13
75 - 99%	28	26	24	28	25	25	37	29	34	34	29	29	26
100%	8	9	8	7	5	9	10	10	11	10	9	9	11
DK, NA	1	2	2	1	2	2	1	1	1	3	2	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	394	418	434	407	411	433	408	409	422	565	717	708	657
MEAN	55	56	52	54	51	57	62	59	61	62	57	57	57

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

All	52	54	54	54	53	54	57	59	61	61	60	59	57
Age 18 to 44	55	58	57	59	56	59	59	63	65	66	66	64	62
Age 45 to 64	51	55	55	53	52	53	55	57	59	61	59	56	54
Age 65+	48	50	50	49	48	50	56	58	58	55	55	56	56
Income Bottom Third	48	49	46	51	48	51	50	53	52	53	52	49	48
Income Middle Third	49	52	52	53	53	54	57	58	60	59	60	59	57
Income Top Third	56	59	60	58	56	57	61	64	66	66	65	64	62
Educ High School or Less	39	43	43	44	43	46	50	51	50	50	51	51	48
Educ Some College	46	49	48	50	48	51	52	56	57	55	52	49	49
Educ College Degree	57	59	59	58	56	57	60	62	64	65	65	63	61
Democrat	58	61	63	62	60	59	63	66	68	70	69	67	64
Independent	51	54	53	53	51	53	56	58	57	57	57	58	56
Republican	45	46	46	47	47	51	52	54	56	56	54	50	50
Stock Does not Own	38	41	42	42	41	40	42	43	45	45	43	40	*
Stock Bottom Third	50	51	50	52	50	52	53	57	57	57	53	51	50
Stock Middle Third	52	55	55	54	52	55	57	60	62	64	65	63	59
Stock Top Third	56	60	61	60	58	59	63	64	66	66	66	65	66

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

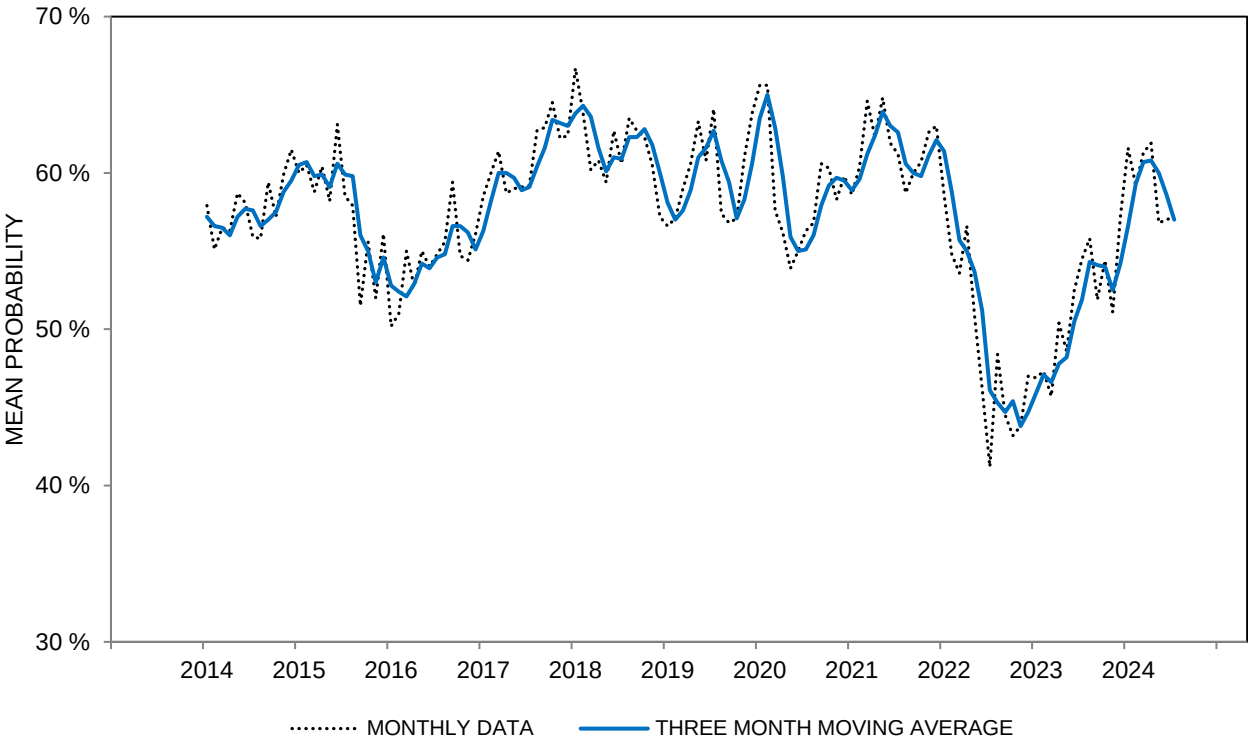


CHART 20: PROBABILITY OF AN INCREASE IN STOCK MARKET PRICES
IN THE NEXT YEAR

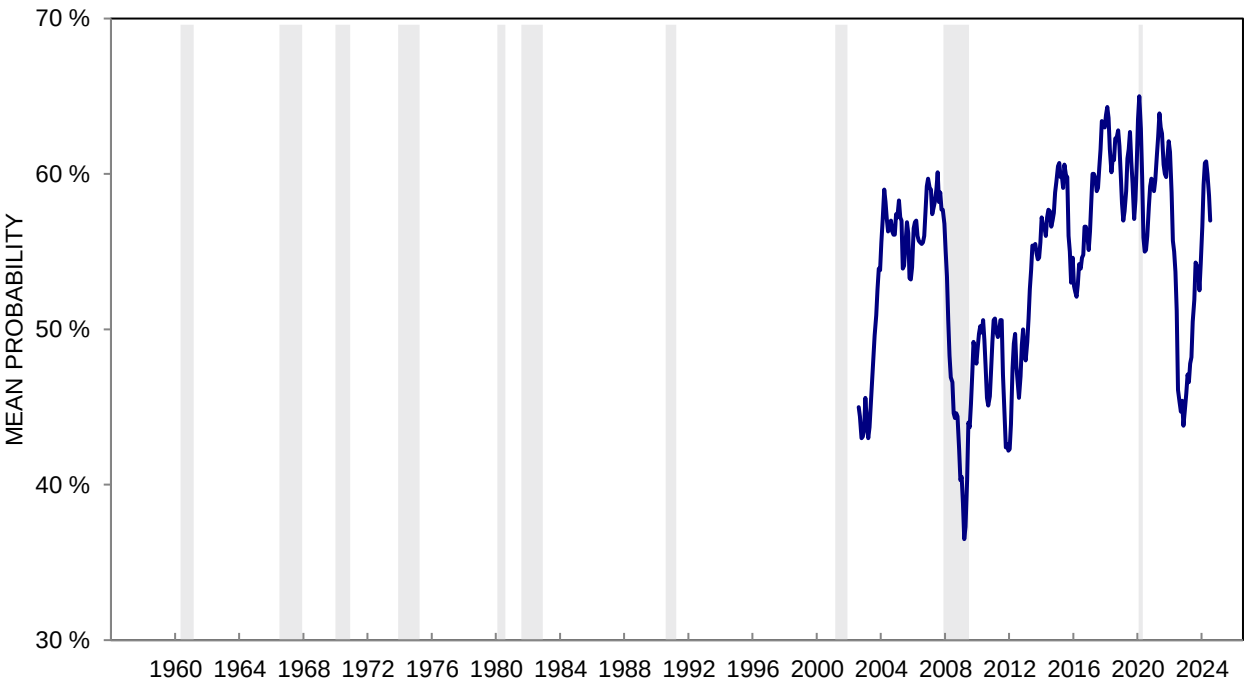


TABLE 21

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

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
UNDER \$10,000	10%	9%	8%	8%	9%	10%	9%	10%	9%	10%	10%	10%	11%
\$10,000-24,999	7	7	7	8	9	8	8	7	6	6	7	8	9
\$25,000-49,999	6	7	8	8	8	7	7	7	7	7	6	5	4
\$50,000-99,999	11	11	12	11	11	11	12	12	12	11	9	9	9
\$100,000-199,999	10	10	10	11	11	11	11	10	11	11	12	12	12
\$200,000-499,999	17	16	16	17	16	16	16	17	17	16	17	16	16
\$500,000 AND UP	23	23	22	21	22	23	24	24	23	23	24	27	28
DK/NA	16	17	17	16	14	14	13	13	15	16	15	13	11
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1225	1208	1246	1259	1252	1251	1252	1250	1239	1396	1704	1990	2082
MEDIAN (1,000's)	154	155	154	148	147	148	156	156	156	151	155	169	178
25th PERCENTILE (1,000's)	39	38	41	37	35	34	40	40	43	40	37	39	37
75th PERCENTILE (1,000's)	520	524	508	480	490	503	532	527	526	530	538	580	585
INTERQUARTILE RANGE (75th-25th) (1,000's)	481	485	467	443	454	468	492	487	482	490	501	541	548

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

All	154	155	154	148	147	148	156	156	156	151	155	169	178
Age 18 to 44	61	54	57	54	50	46	56	57	69	59	56	57	63
Age 45 to 64	231	236	230	235	247	255	261	293	301	294	247	239	230
Age 65+	342	301	280	232	267	320	335	313	250	318	384	455	426
Income Bottom Third	27	36	35	43	34	37	36	41	47	41	31	36	43
Income Middle Third	94	80	73	67	77	90	99	87	94	108	119	127	117
Income Top Third	366	384	387	338	336	310	339	359	355	343	376	408	442
Educ High School or Less	62	56	61	68	76	84	79	79	65	52	56	70	75
Educ Some College	63	70	71	69	67	72	75	69	92	96	103	84	75
Educ College Degree	238	246	246	227	224	218	241	244	235	232	227	250	252
Democrat	187	198	222	191	201	178	213	208	212	208	192	198	204
Independent	117	127	108	114	95	115	108	102	92	108	141	159	150
Republican	203	184	164	139	145	159	167	180	196	184	169	164	170

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)**

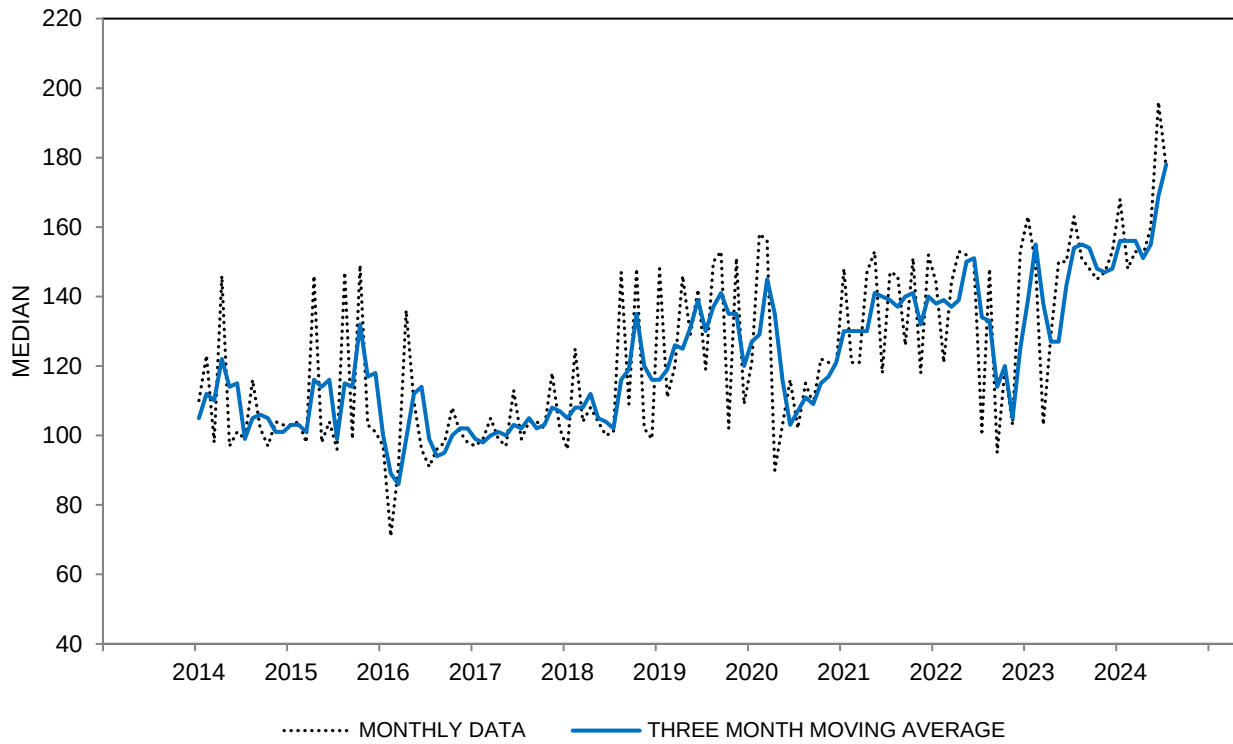


**CHART 21: CURRENT VALUE OF STOCK MARKET INVESTMENTS
(NOMINAL THOUSANDS)**

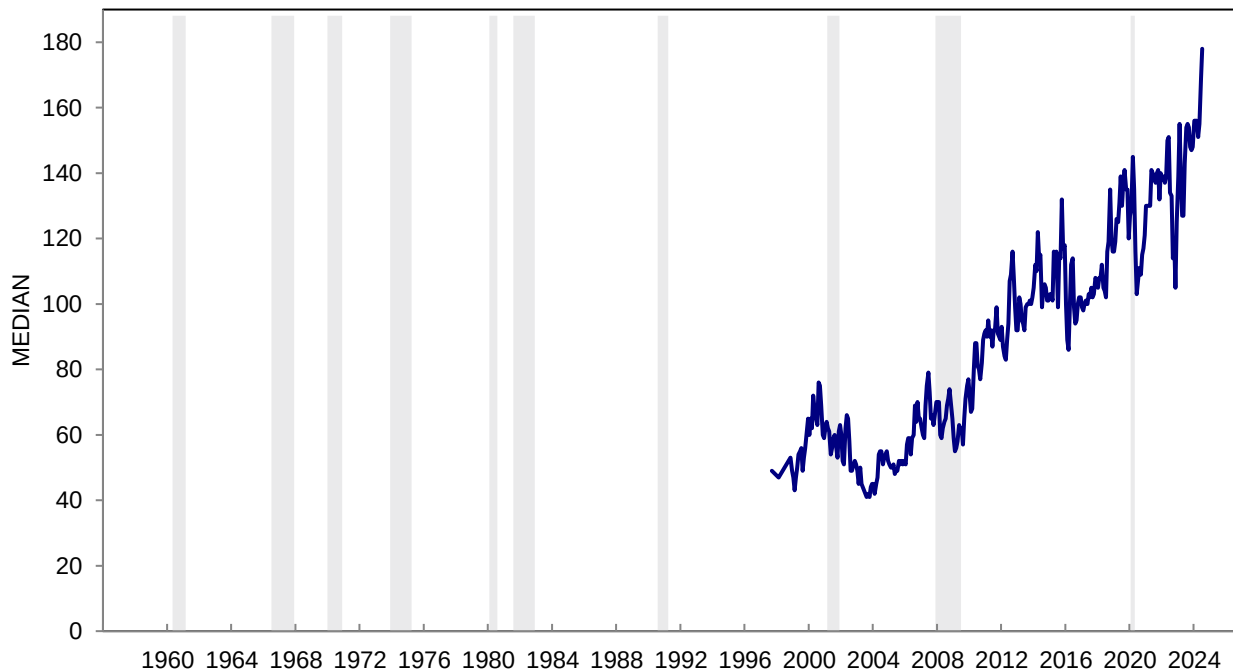


TABLE 22

CURRENT MARKET VALUE OF PRIMARY RESIDENCE**THREE MONTH MOVING AVERAGES**

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
UNDER \$100,000	5%	5%	5%	5%	5%	5%	4%	5%	5%	6%	5%	6%	6%
\$100,000-199,999	11	11	10	10	10	11	12	12	12	11	11	11	11
200,000-299,999	15	16	16	16	16	16	16	15	15	16	17	17	16
300,000-399,999	16	17	18	17	17	16	16	16	17	17	17	15	15
400,000-499,999	12	11	13	14	15	13	14	12	11	10	11	13	14
500,000+	36	35	33	32	32	34	35	35	34	33	34	35	35
DK/NA	5	5	5	6	5	5	3	5	6	7	5	3	3
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1274	1309	1303	1323	1304	1328	1321	1317	1302	1477	1780	2098	2186
MEDIAN (1,000's)	387	372	372	377	392	395	395	389	379	372	370	384	389
25th PERCENTILE (1,000's)	243	238	245	240	244	236	238	230	237	232	239	237	237
75th PERCENTILE (1,000's)	618	618	620	611	611	625	637	633	615	598	600	611	612
INTERQUARTILE RANGE (75th-25th) (1,000's)	375	381	375	371	367	390	399	404	378	366	361	375	374

CURRENT MARKET VALUE OF PRIMARY RESIDENCE - MEDIAN**THREE MONTH MOVING AVERAGES**

All	387	372	372	377	392	395	395	389	379	372	370	384	389
Age 18 to 44	360	348	365	373	388	376	384	377	388	370	358	370	374
Age 45 to 64	404	407	396	408	409	410	405	403	386	379	365	382	391
Age 65+	397	379	365	353	366	384	390	378	359	366	384	399	399
Income Bottom Third	217	227	242	226	234	218	227	209	225	211	229	223	233
Income Middle Third	342	327	319	320	325	333	341	331	316	324	334	356	357
Income Top Third	569	581	565	557	555	570	581	569	551	526	555	557	565
Educ High School or Less	266	248	251	250	260	257	262	248	244	256	259	266	245
Educ Some College	326	323	321	329	316	310	294	294	300	307	302	303	300
Educ College Degree	472	472	464	462	464	472	475	481	460	451	448	456	448
Democrat	433	409	408	402	415	421	420	430	415	420	402	419	409
Independent	381	367	366	356	370	377	405	403	386	355	349	368	385
Republican	356	371	373	380	381	373	372	348	350	347	368	381	378

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)**

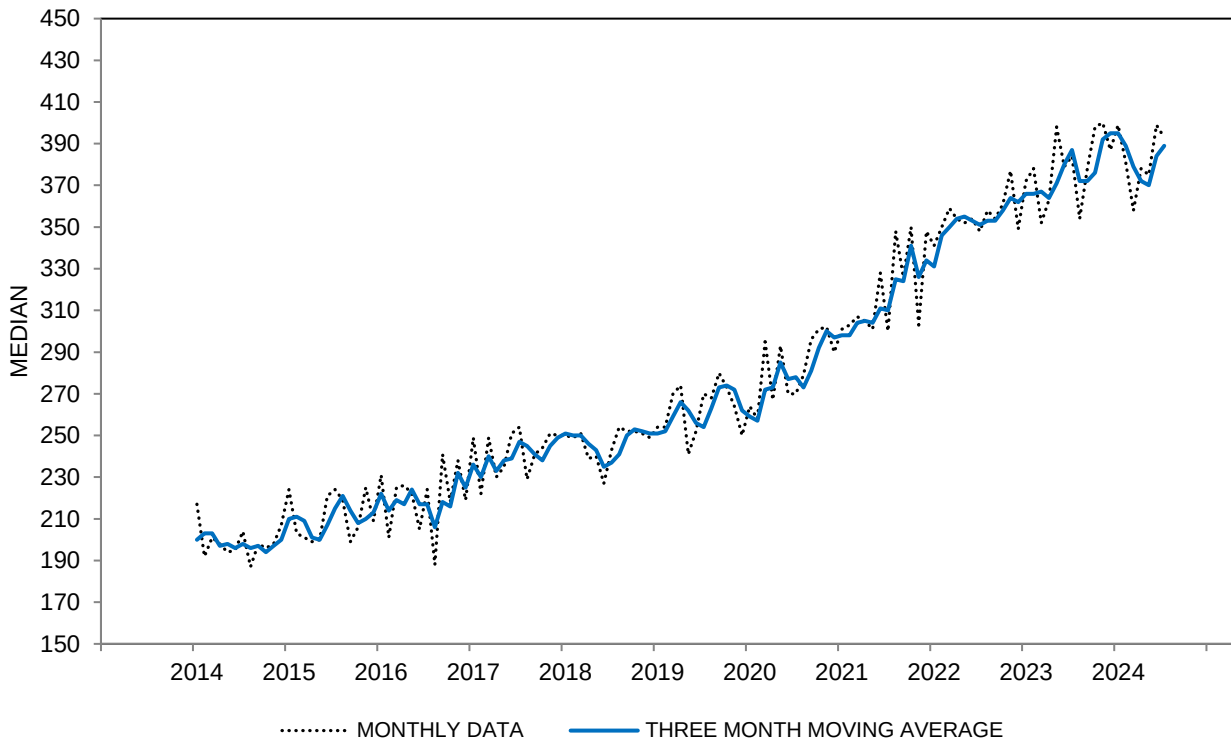


**CHART 22: CURRENT MARKET VALUE OF PRIMARY RESIDENCE
(NOMINAL THOUSANDS)**

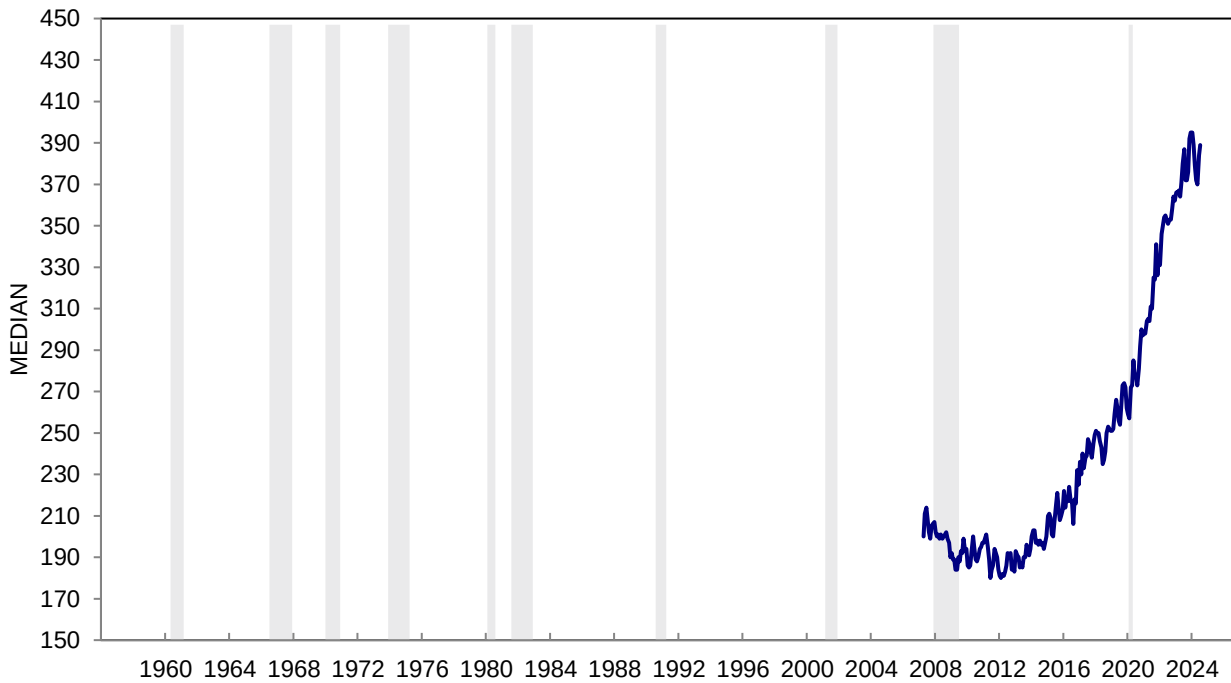


TABLE 23

NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
FAVORABLE NEWS	38%	37%	31%	26%	25%	37%	48%	44%	37%	36%	29%	31%	31%
UNFAVORABLE NEWS	74	72	79	82	88	64	59	65	64	63	71	71	58
NO MENTIONS	32	34	35	35	33	38	38	35	39	28	39	38	48
INDEX SCORE	64	65	52	44	37	73	89	79	73	73	58	60	73

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

All	40	57	60	54	44	51	66	80	80	75	68	64	64
Age 18 to 44	41	57	59	50	39	43	59	73	79	71	66	61	60
Age 45 to 64	32	50	53	51	40	52	65	84	76	71	61	59	61
Age 65+	49	68	74	63	56	59	77	87	89	84	76	71	70
Income Bottom Third	47	58	63	60	53	50	57	62	59	59	55	55	57
Income Middle Third	41	52	57	50	41	52	71	84	83	71	67	63	66
Income Top Third	33	60	62	49	36	49	72	97	101	94	81	74	72
Educ High School or Less	47	50	51	44	39	47	59	71	67	67	58	51	51
Educ Some College	35	54	50	50	39	44	52	58	60	55	56	52	56
Educ College Degree	38	61	70	60	48	55	76	95	97	90	78	73	70
Democrat	80	105	110	99	88	94	110	120	123	116	113	112	112
Independent	27	46	51	46	36	38	54	71	72	67	59	55	52
Republican	10	20	20	19	9	25	35	51	47	45	33	23	21

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

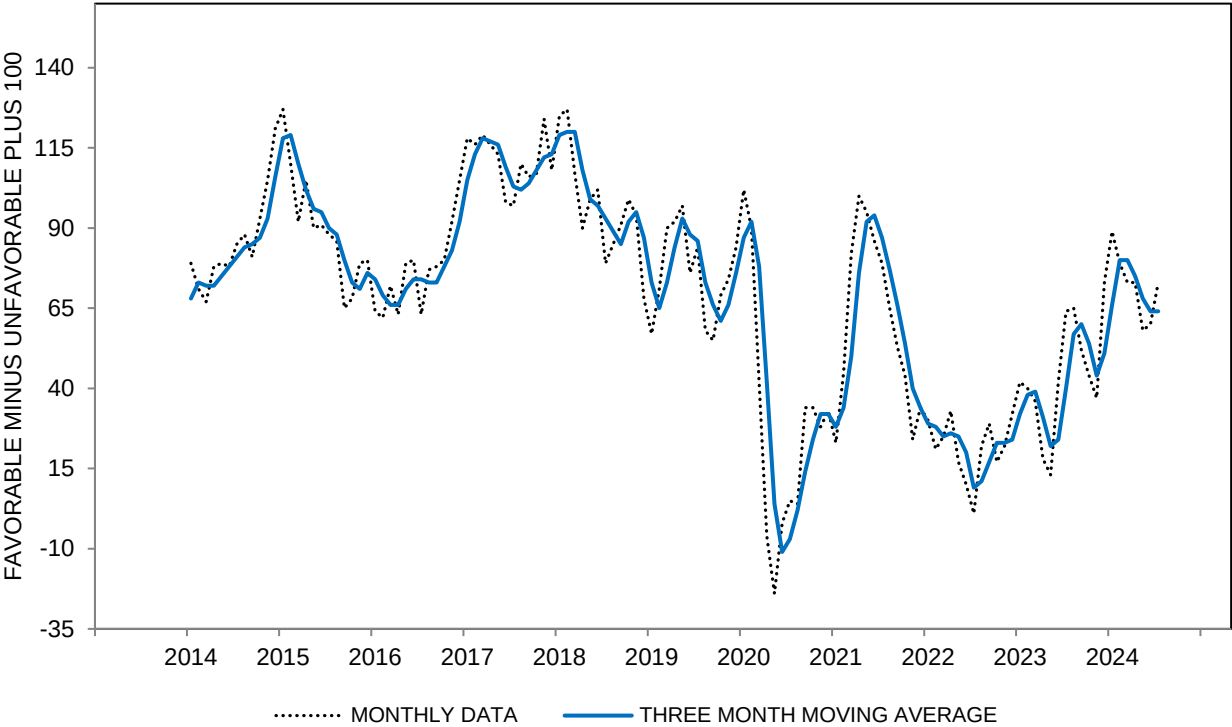


CHART 23: NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

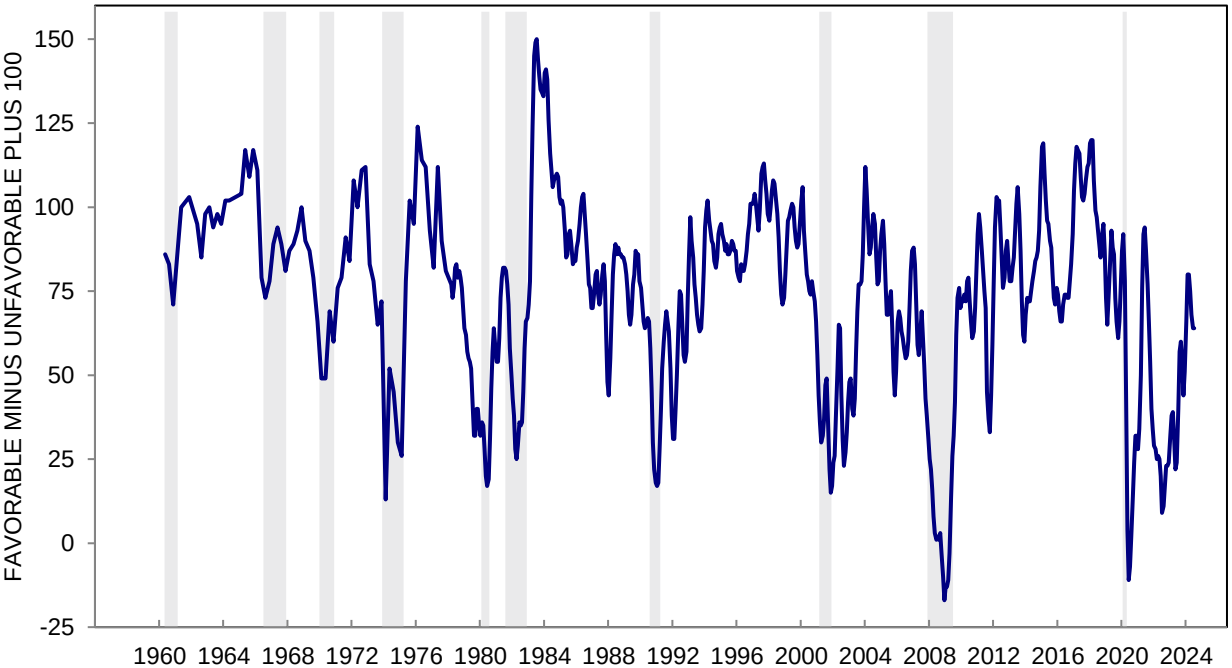


TABLE 24

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
FAVORABLE NEWS:													
Government; elections	4%	4%	3%	2%	2%	2%	4%	2%	3%	2%	4%	2%	2%
Employment	13	12	11	11	8	9	13	12	11	11	9	8	9
Higher consumer demand	4	3	3	2	2	3	3	4	3	2	2	3	2
Lower prices	6	5	4	3	4	8	8	6	5	5	3	5	7
Easier credit	3	2	1	*	1	4	10	6	5	4	2	1	2
Stock market	2	2	1	1	1	2	4	6	4	4	2	5	3
Trade; global economy	*	*	*	*	*	*	*	*	*	*	*	*	*
Economy	5	7	4	4	5	4	5	7	4	6	3	4	4
UNFAVORABLE NEWS:													
Government; elections	9	10	10	12	11	7	7	8	8	8	7	7	6
Unemployment	20	22	22	20	25	17	19	24	23	18	23	24	21
Lower consumer demand	7	5	6	6	6	5	5	4	4	4	5	8	5
Higher prices	14	12	14	16	17	12	12	13	13	15	17	17	14
Tighter credit	9	9	10	11	12	8	4	4	4	5	8	5	4
Energy crisis	1	1	1	1	1	*	*	1	1	1	1	*	*
Stock market	1	2	1	2	3	1	*	1	*	1	1	*	*
Trade; global economy	1	1	1	1	*	1	*	*	*	*	*	*	*
Economy	6	4	7	5	6	6	5	4	5	5	4	4	3

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

EMPLOYMENT - UNEMPLOYMENT (THREE MONTH MOVING AVERAGES)

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

GOVERNMENT FAVORABLE - UNFAVORABLE (THREE MONTH MOVING AVERAGES)

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

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.

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

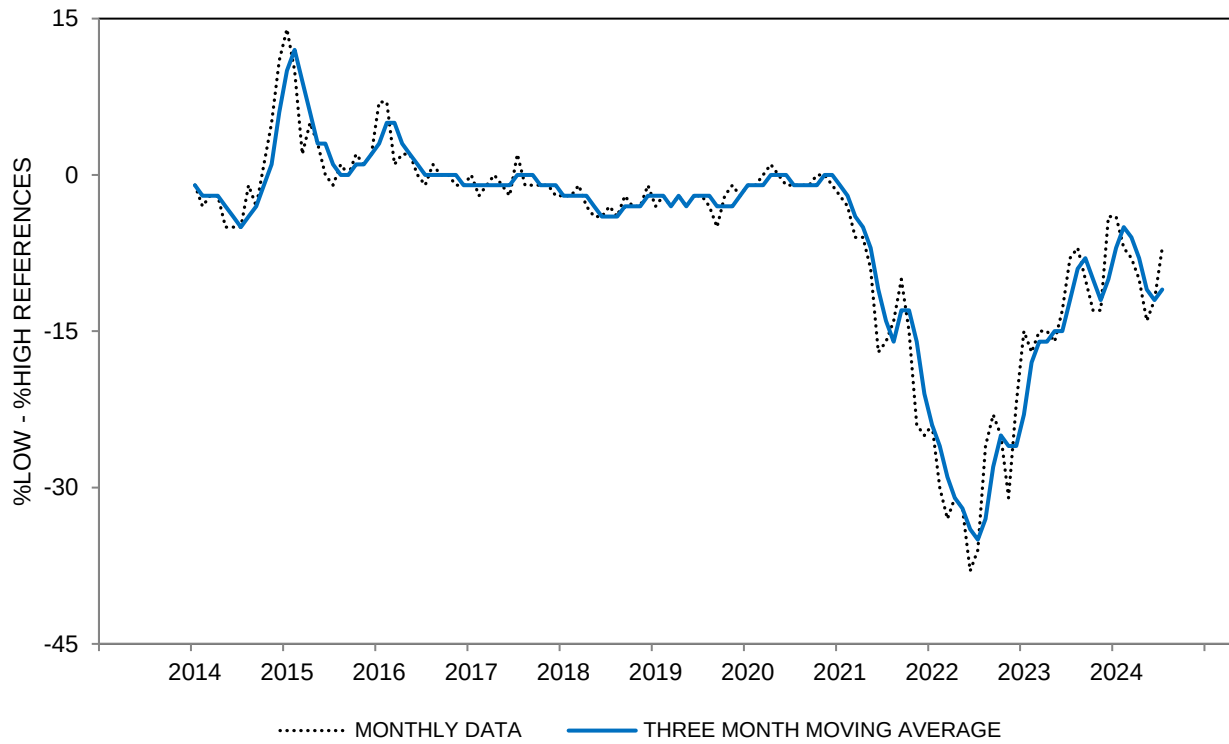


**CHART 24A: NEWS HEARD ABOUT PRICE CHANGES
(%LOW PRICES - %HIGH PRICES)**

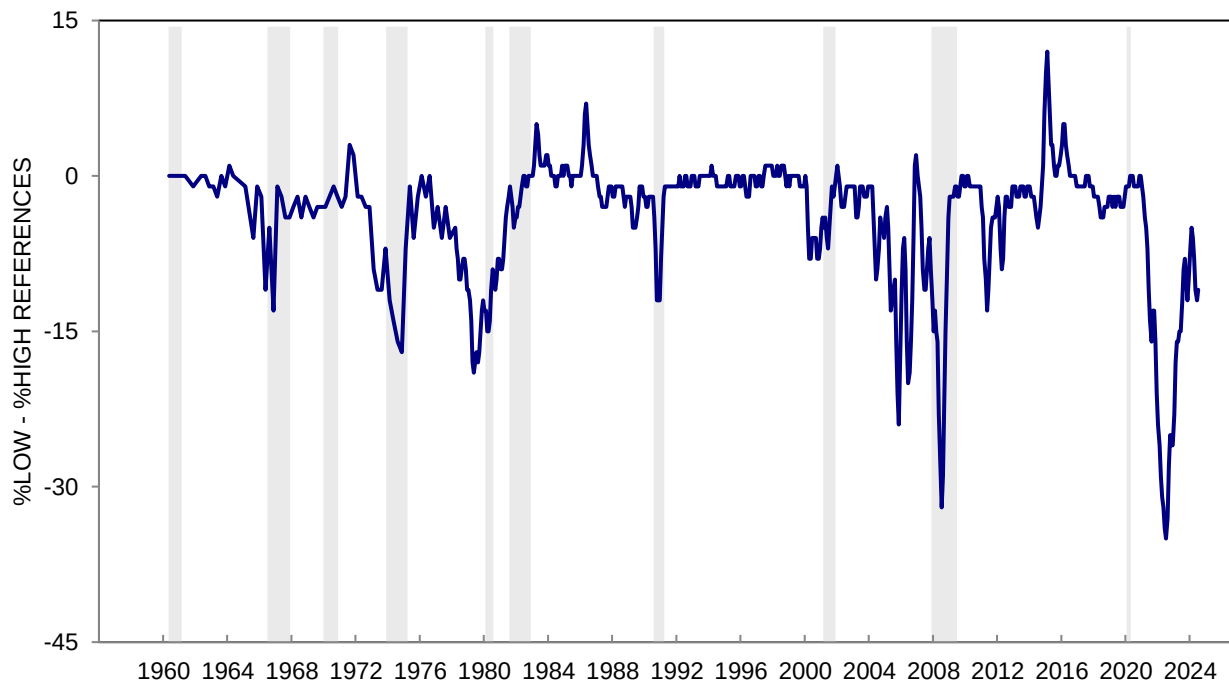


**CHART 24B: NEWS HEARD ABOUT CHANGE IN EMPLOYMENT CONDITIONS
(%LOWER UNEMPLOYMENT - %HIGHER UNEMPLOYMENT)**

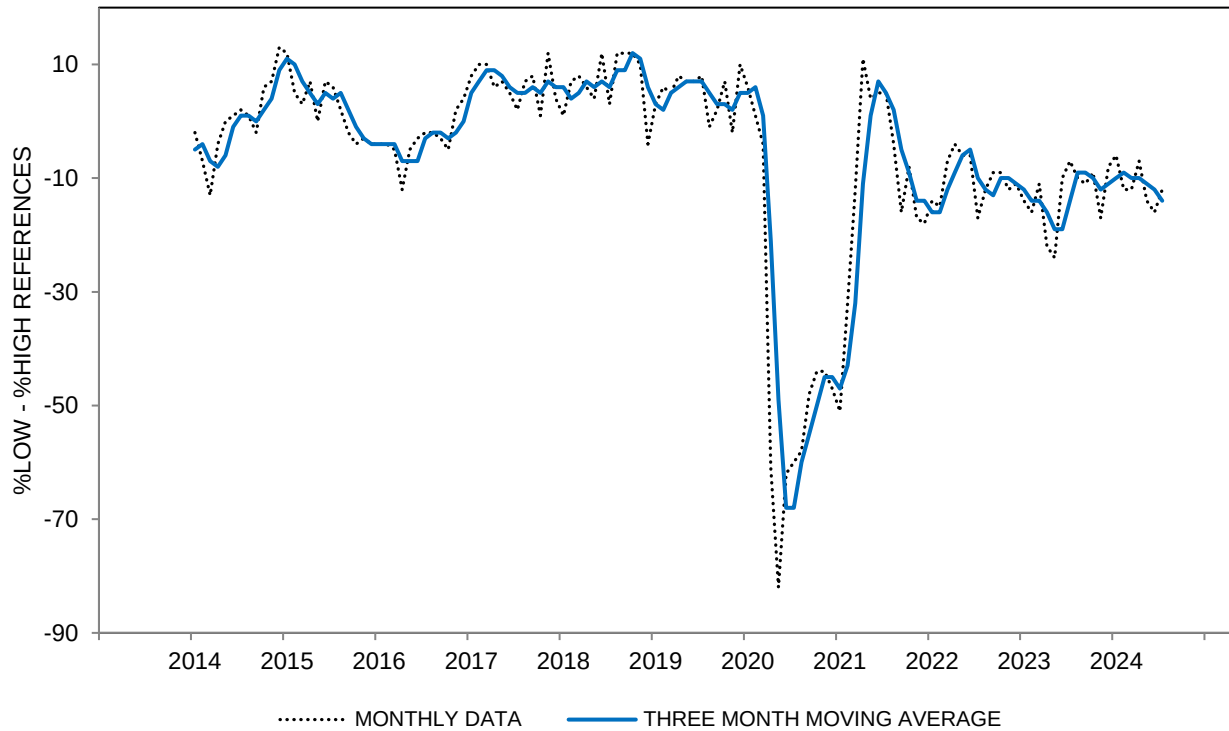


**CHART 24B: NEWS HEARD ABOUT CHANGE IN EMPLOYMENT CONDITIONS
(%LOWER UNEMPLOYMENT - %HIGHER UNEMPLOYMENT)**

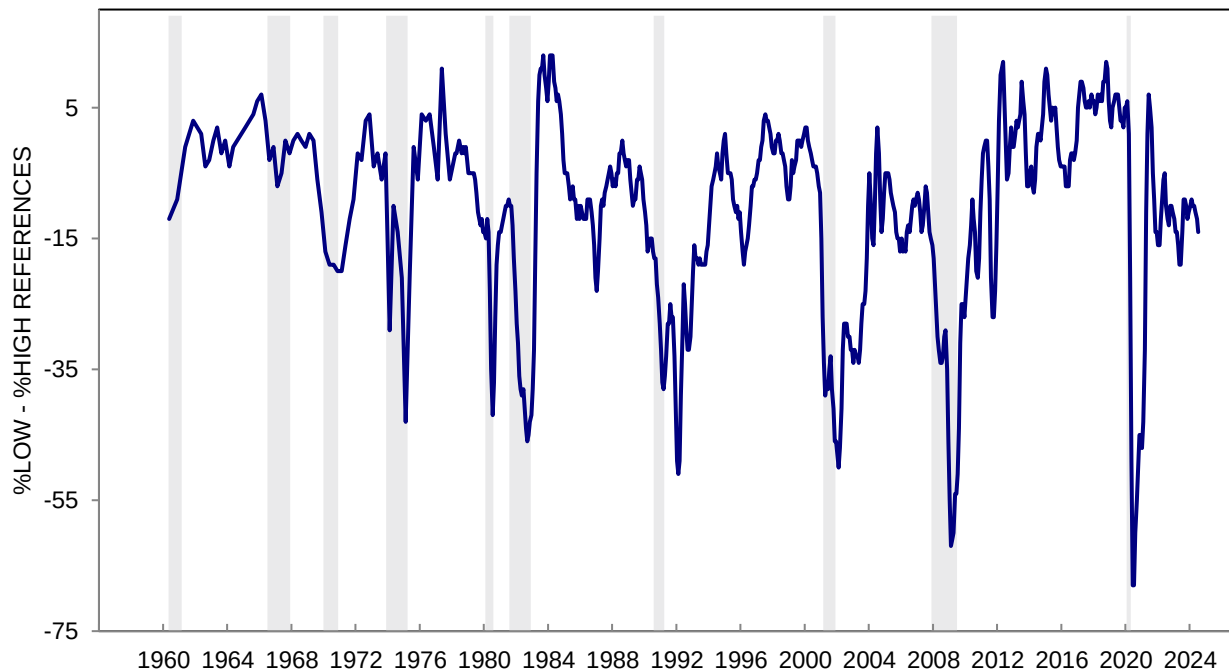


CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
(%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)

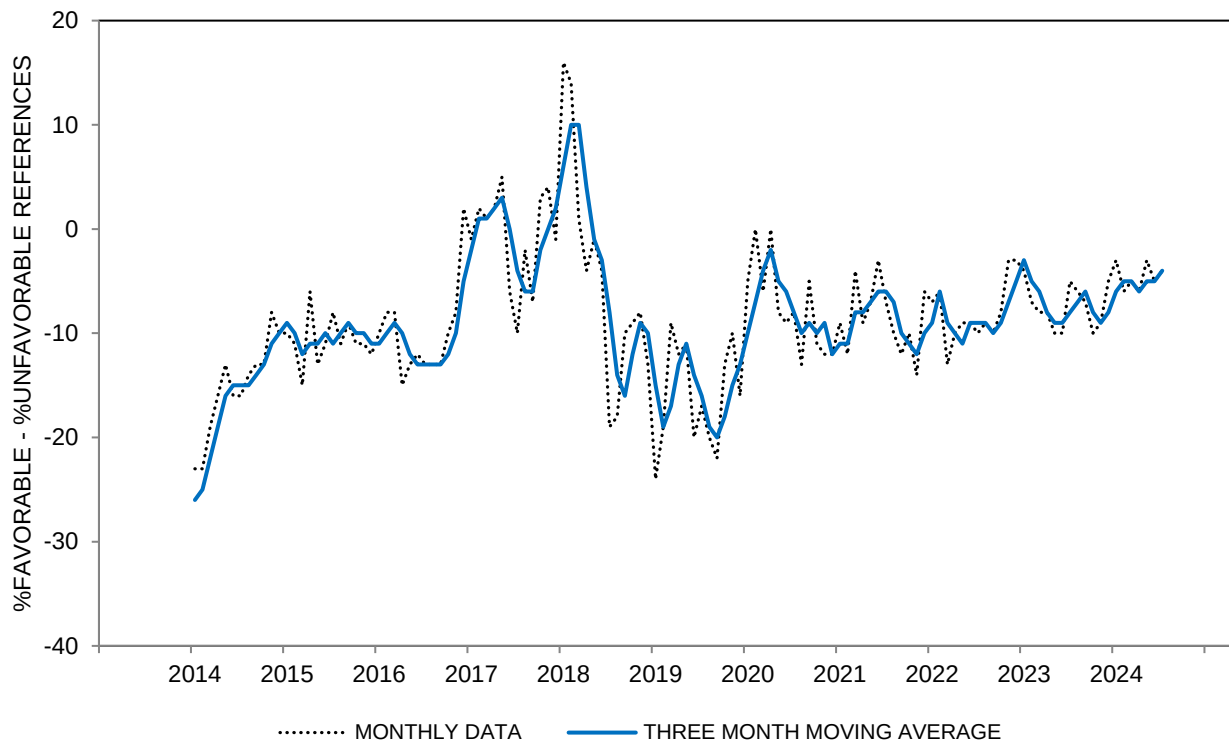


CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
(%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)

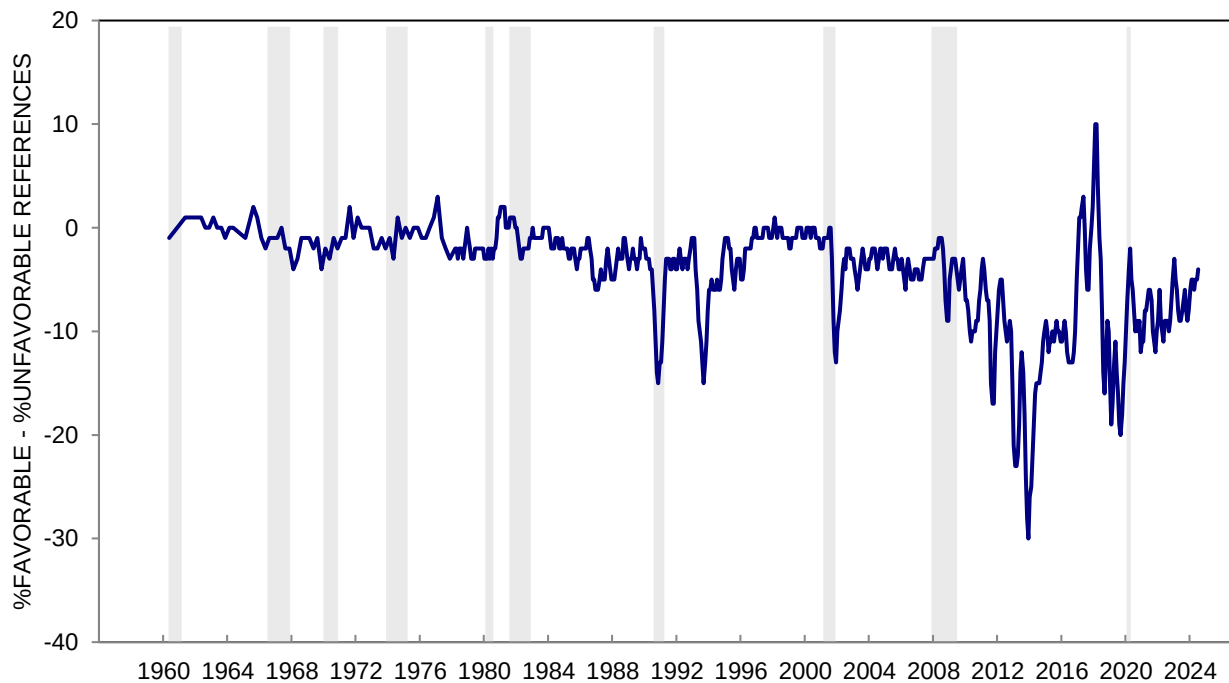


TABLE 25

CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
BETTER NOW	38%	39%	36%	32%	29%	39%	44%	40%	42%	40%	29%	27%	27%
SAME	9	9	9	10	10	10	9	11	11	12	18	25	29
WORSE NOW	52	50	53	57	60	51	47	48	46	47	53	48	43
DK, NA	1	2	2	1	1	*	*	1	1	1	*	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	86	89	83	75	69	88	97	92	96	93	76	79	84

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

All	78	84	86	82	76	77	85	92	95	94	88	83	80
Age 18 to 44	79	82	85	80	74	74	84	93	97	91	85	77	74
Age 45 to 64	69	81	81	81	73	76	77	84	84	89	86	82	81
Age 65+	85	91	93	86	79	82	94	101	105	103	97	92	90
Income Bottom Third	75	78	75	76	72	73	78	81	80	82	77	73	71
Income Middle Third	77	83	88	81	73	76	87	97	98	92	85	81	77
Income Top Third	82	93	95	89	82	83	91	100	108	108	105	97	94
Educ High School or Less	64	66	63	63	59	64	66	73	71	69	56	55	58
Educ Some College	74	83	87	84	72	67	74	77	81	78	74	67	66
Educ College Degree	84	92	95	91	85	88	98	109	113	113	109	100	93
Democrat	121	130	131	126	119	118	128	136	141	142	138	133	129
Independent	69	80	83	81	72	72	80	89	95	92	83	76	71
Republican	41	43	44	43	35	43	43	50	45	49	45	40	36

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

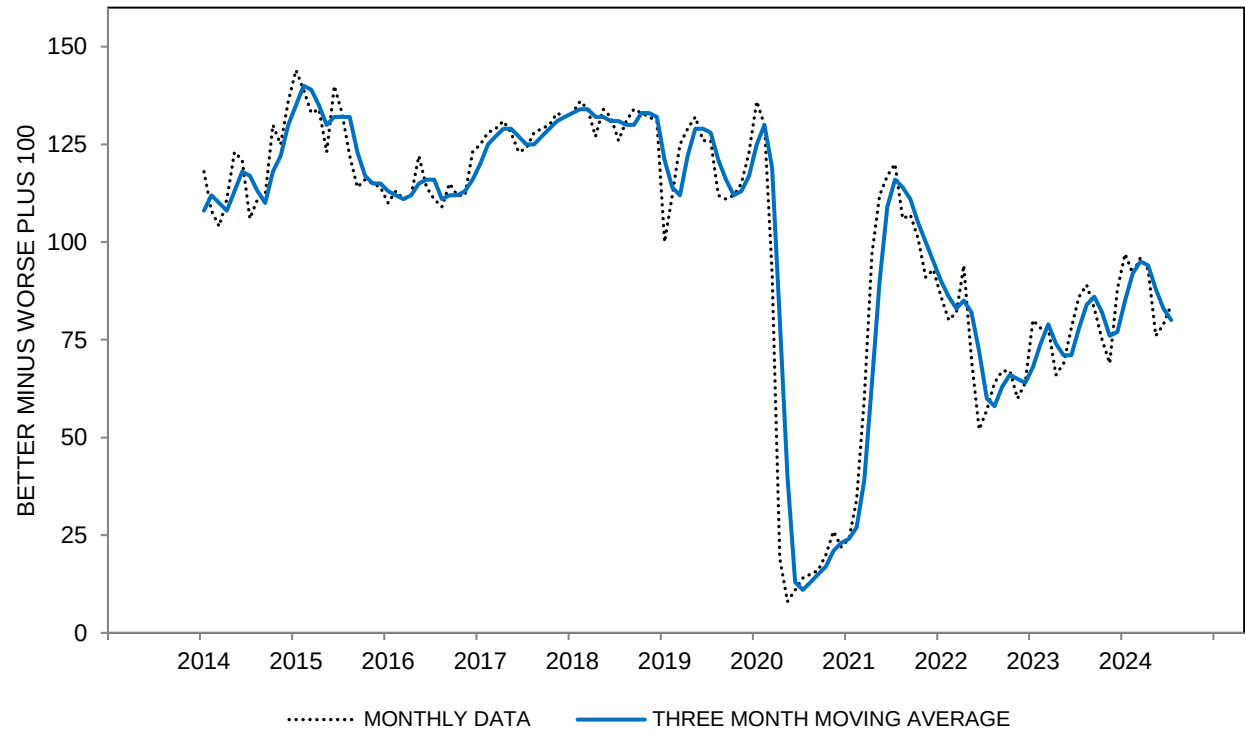


CHART 25: CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

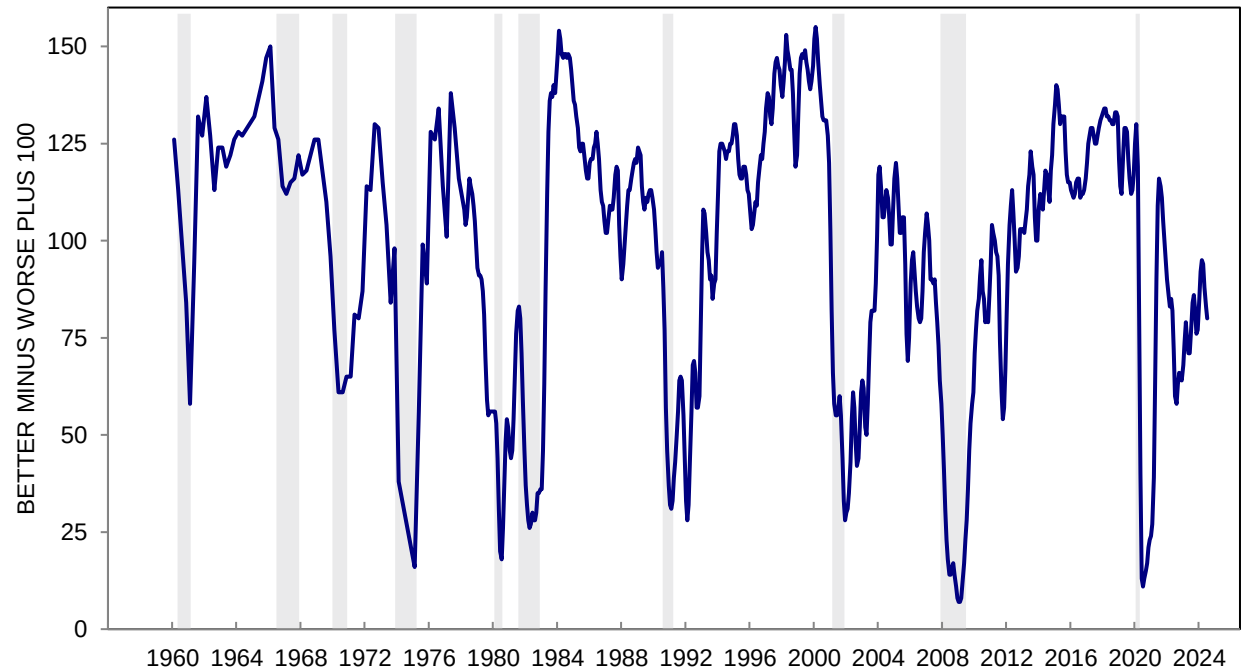


TABLE 26

EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
BETTER	23%	22%	21%	17%	19%	22%	27%	29%	25%	25%	24%	24%	25%
SAME	49	44	46	48	41	44	47	46	51	50	41	43	43
WORSE	26	33	32	33	38	31	23	23	19	22	32	30	31
DK, NA	2	1	1	2	2	3	3	2	5	3	3	3	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	97	89	89	84	81	91	104	106	106	103	92	94	94

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

All	88	92	92	87	85	85	92	100	105	105	100	96	93
Age 18 to 44	92	95	93	90	87	88	93	101	106	106	101	98	90
Age 45 to 64	80	88	91	86	81	79	87	95	100	101	96	91	91
Age 65+	92	93	91	86	86	89	98	106	112	111	106	103	102
Income Bottom Third	89	92	89	90	88	87	89	98	102	101	94	88	85
Income Middle Third	86	90	91	83	81	85	91	99	103	107	103	99	96
Income Top Third	88	93	95	89	85	85	98	105	110	106	105	104	102
Educ High School or Less	86	90	87	80	81	79	86	92	98	99	88	83	81
Educ Some College	84	88	85	83	77	81	87	99	100	98	92	90	89
Educ College Degree	91	95	98	94	91	90	98	105	111	112	110	104	99
Democrat	120	125	125	116	114	113	120	121	122	122	121	122	118
Independent	83	88	88	86	80	78	83	94	100	96	89	86	83
Republican	59	62	62	60	60	67	73	84	93	101	97	85	79

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

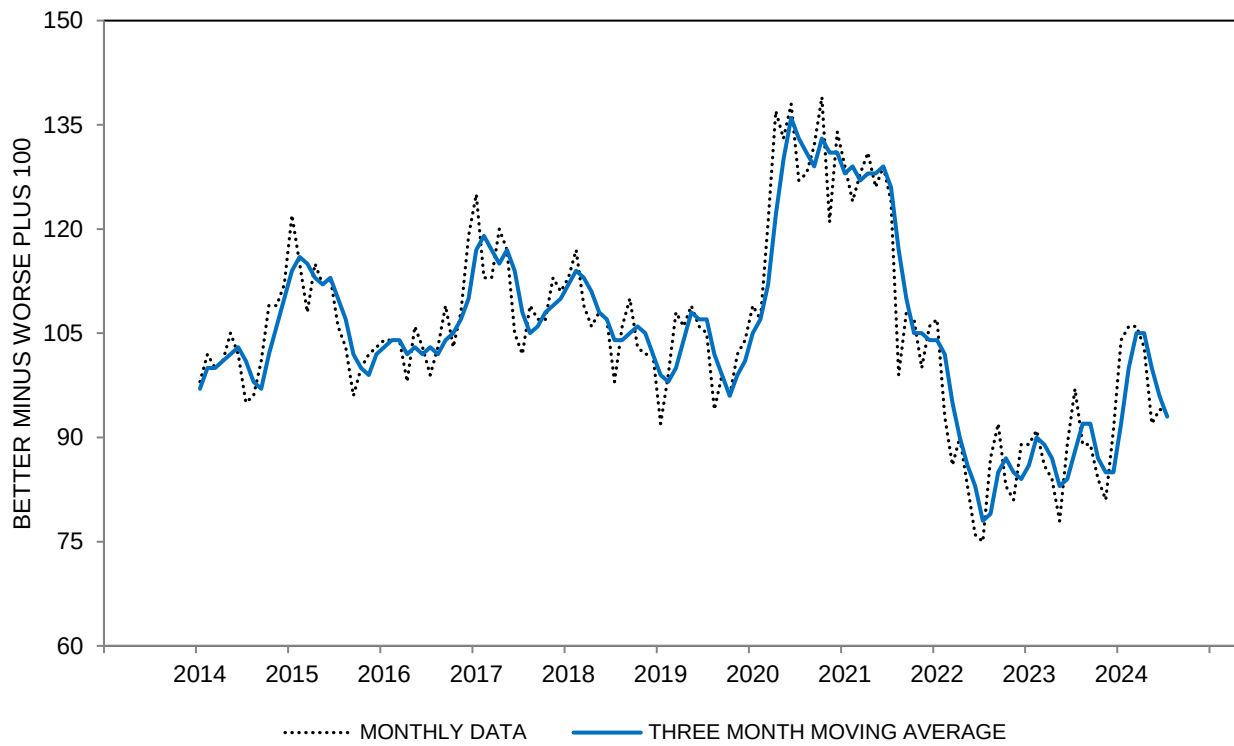


CHART 26: EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

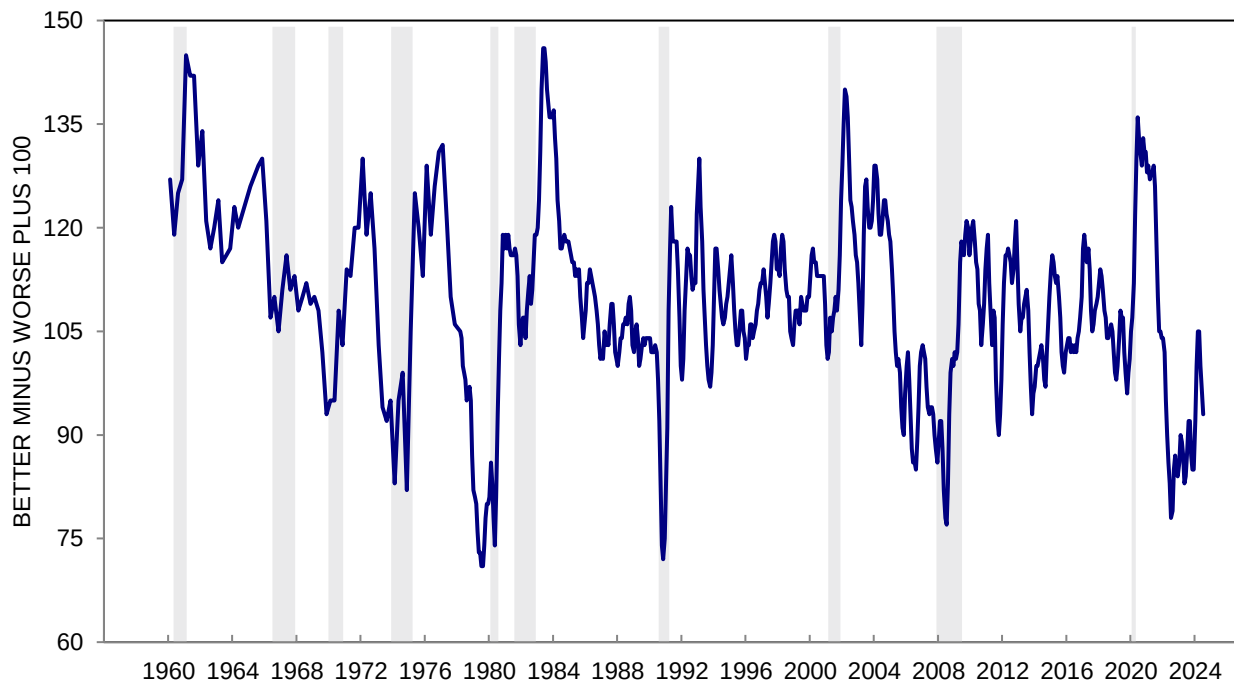


TABLE 27

TREND IN PAST AND EXPECTED CHANGES IN BUSINESS CONDITIONS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
TREND:													
Continuous increase (a)	16%	14%	12%	11%	13%	13%	18%	17%	16%	15%	14%	14%	14%
Intermittent increase (b)	20	23	21	18	14	21	23	21	23	23	15	15	16
Remain unchanged (c)	5	4	5	7	5	5	5	7	7	8	10	14	17
Intermittent decline (d)	27	22	24	25	25	22	23	21	25	21	22	23	22
Continuous decline (e)	21	25	25	27	32	23	17	18	14	17	26	23	22
Mixed change (f)	8	10	10	9	9	13	11	13	10	11	10	8	8
DK, NA	3	2	3	3	2	3	3	3	5	5	3	3	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	88	90	84	77	70	89	101	99	100	100	81	83	86

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

All	79	85	87	84	77	79	87	96	100	100	94	88	83
Age 18 to 44	81	84	86	81	74	75	84	96	101	97	91	85	78
Age 45 to 64	69	82	85	84	75	76	79	88	89	93	88	83	82
Age 65+	87	89	93	87	83	86	97	106	111	111	105	99	95
Income Bottom Third	77	80	78	79	76	75	81	86	87	88	83	77	75
Income Middle Third	78	84	89	82	74	79	90	101	102	100	92	87	80
Income Top Third	83	93	95	89	81	82	92	104	112	111	108	101	98
Educ High School or Less	66	69	67	65	63	67	71	79	79	79	66	62	63
Educ Some College	75	84	87	85	71	69	77	85	88	86	80	75	72
Educ College Degree	86	93	97	92	86	88	98	109	115	115	111	102	94
Democrat	124	132	135	130	124	121	130	134	139	140	137	134	128
Independent	69	80	83	82	71	72	79	93	99	95	85	78	72
Republican	42	43	46	43	36	44	48	59	57	66	62	55	47

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

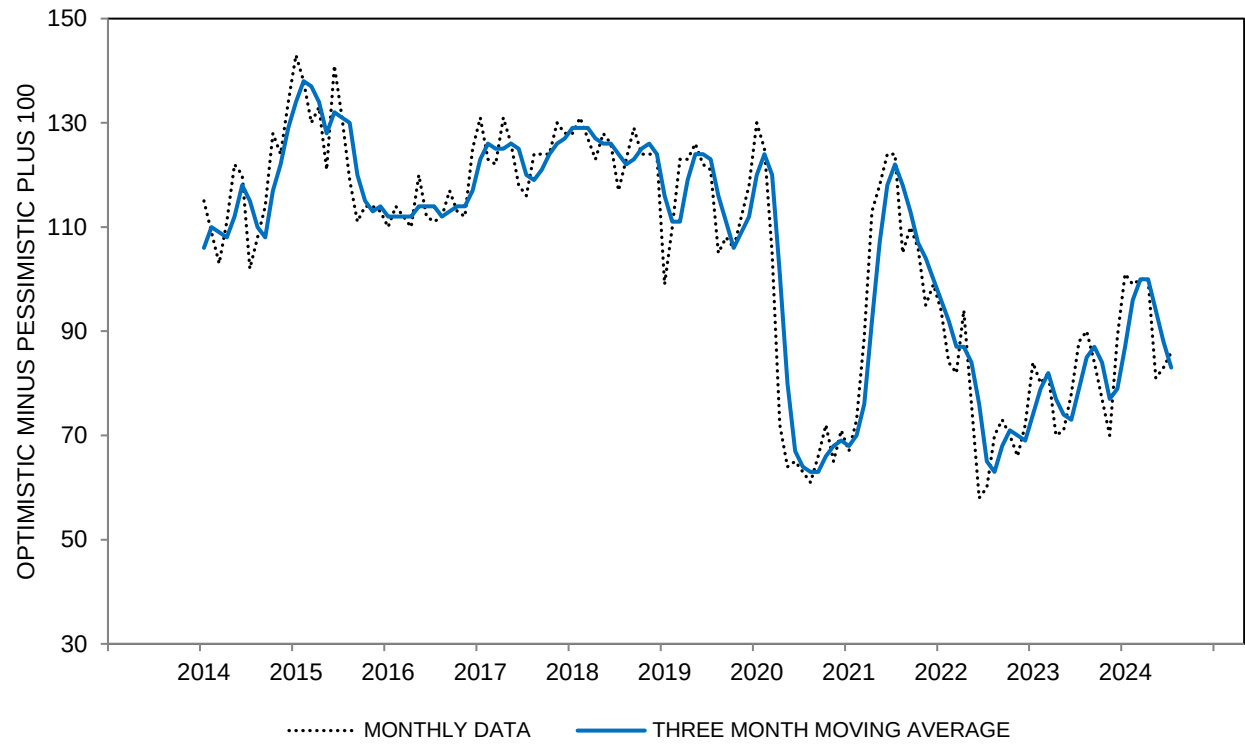


CHART 27: TREND IN PAST AND EXPECTED BUSINESS CONDITIONS

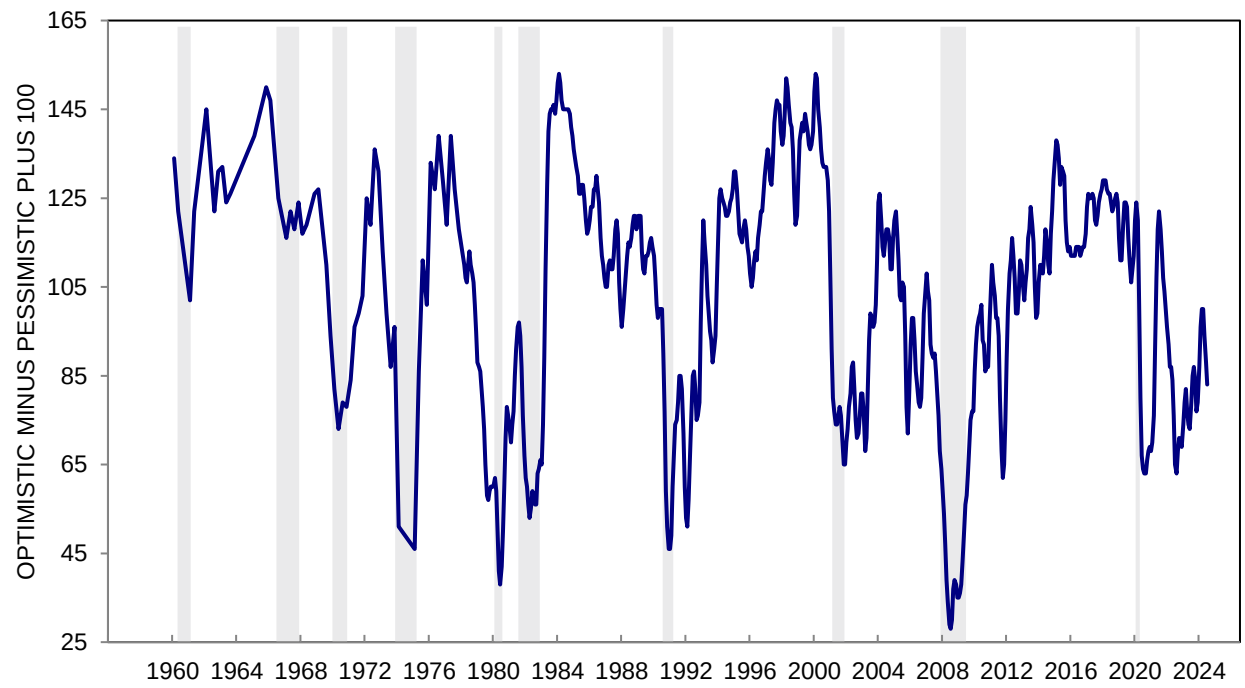


TABLE 28

BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIMES	32%	30%	31%	27%	24%	32%	41%	40%	41%	36%	25%	22%	17%
UNCERTAIN	4	3	4	2	4	3	5	6	7	15	25	38	50
BAD TIMES	59	60	58	66	67	59	48	47	46	44	46	38	31
DON'T KNOW	2	3	3	3	1	2	2	3	3	2	2	1	*
NA	3	4	4	2	4	4	4	4	3	3	2	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	73	70	73	61	57	73	93	93	95	92	79	84	86

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

All	62	69	72	68	64	64	74	86	94	93	89	85	83
Age 18 to 44	57	64	69	65	57	59	70	84	89	87	84	83	79
Age 45 to 64	61	68	70	69	65	62	70	82	89	92	85	79	80
Age 65+	69	75	79	72	70	71	85	97	105	103	98	94	93
Income Bottom Third	53	59	60	64	62	59	66	75	84	83	77	73	70
Income Middle Third	62	67	71	63	59	64	76	88	89	89	86	84	79
Income Top Third	70	81	85	77	69	67	83	97	108	105	104	100	100
Educ High School or Less	51	55	57	56	57	56	66	77	82	75	64	61	62
Educ Some College	57	63	62	60	50	49	56	70	77	77	73	71	72
Educ College Degree	69	78	85	78	74	74	87	99	108	110	106	99	93
Democrat	103	114	118	112	108	107	117	127	134	137	133	127	119
Independent	52	61	65	63	56	56	67	78	84	81	76	74	72
Republican	31	32	34	32	28	29	38	54	64	68	60	54	54

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

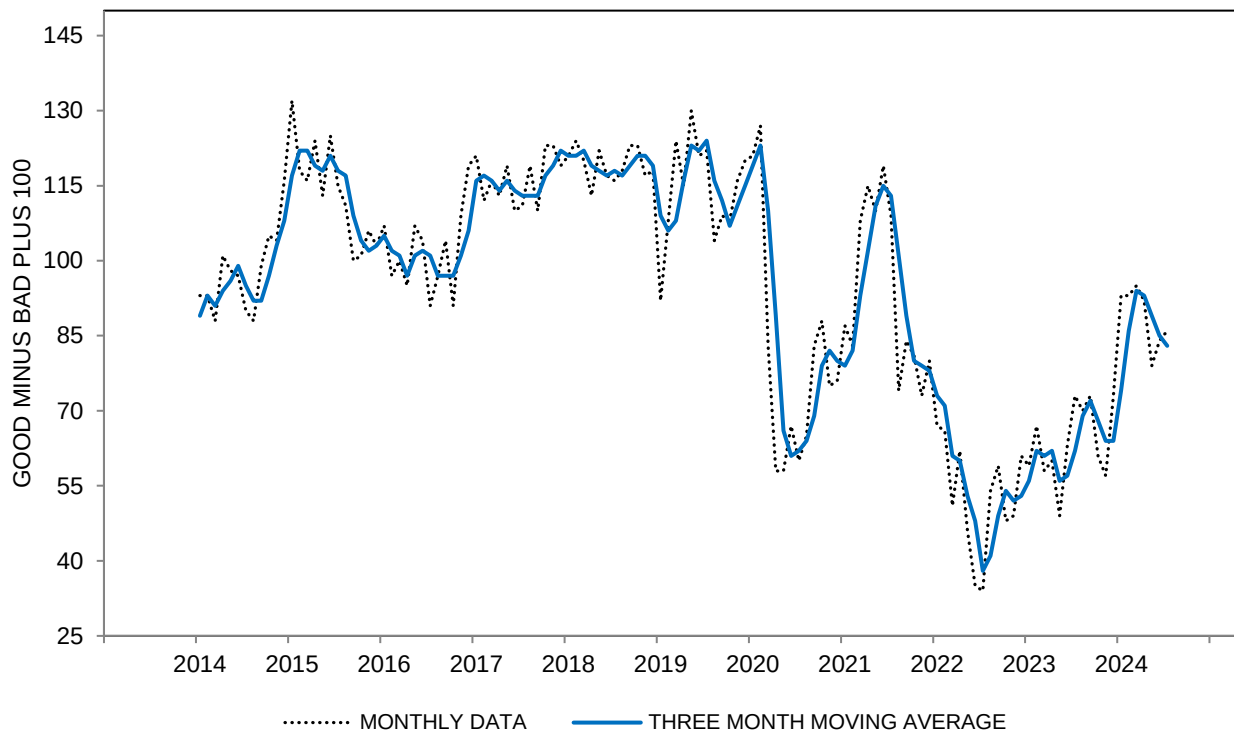


CHART 28: BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

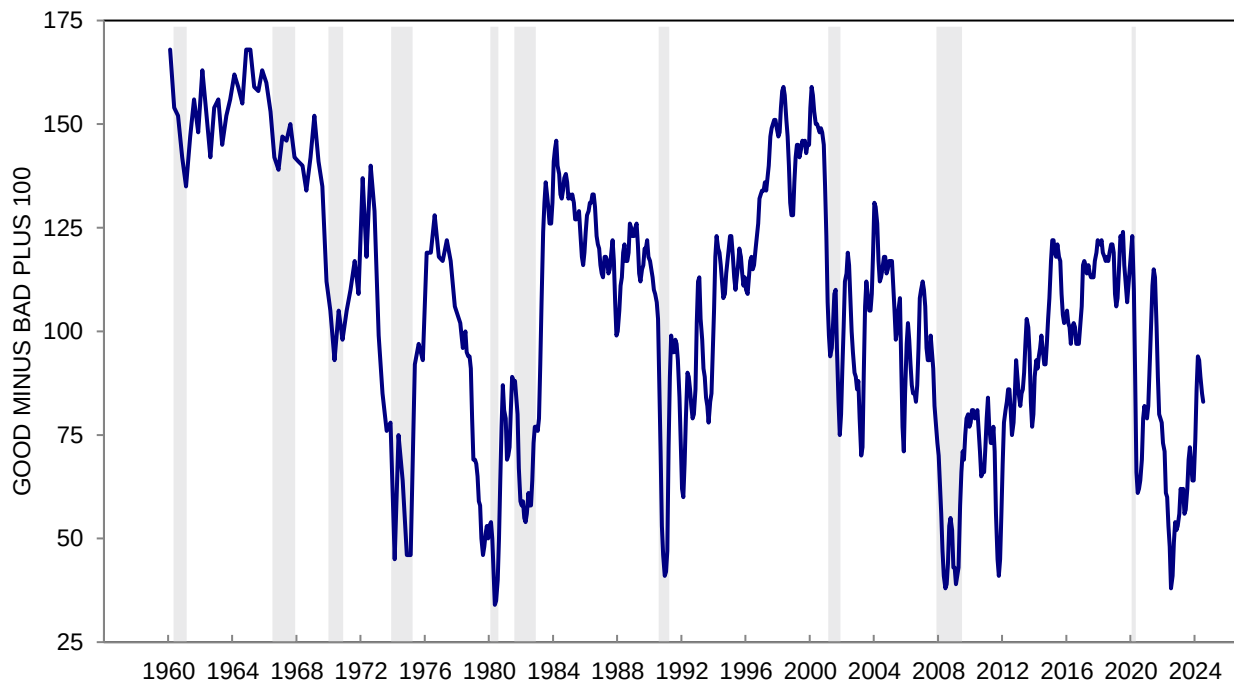


TABLE 29

BUSINESS CONDITIONS EXPECTED DURING THE NEXT 5 YEARS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIMES	37%	33%	34%	32%	26%	34%	42%	41%	42%	36%	26%	20%	11%
UNCERTAIN	10	8	9	8	8	12	8	9	9	22	31	47	61
BAD TIMES	51	57	55	58	63	50	48	49	48	40	42	32	27
NA	2	2	2	2	3	4	2	1	1	2	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	86	76	79	74	63	84	94	92	94	96	84	88	84

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

All	75	78	80	76	72	74	80	90	93	94	91	89	85
Age 18 to 44	68	73	76	72	63	65	70	78	77	76	77	81	75
Age 45 to 64	77	81	82	79	76	76	81	91	96	100	92	85	82
Age 65+	81	83	85	80	79	84	94	105	112	110	108	104	100
Income Bottom Third	66	68	66	64	62	63	67	78	84	84	82	80	77
Income Middle Third	75	76	76	73	68	76	82	89	90	91	90	87	82
Income Top Third	83	91	98	92	87	84	96	105	108	106	103	102	97
Educ High School or Less	62	60	62	59	58	59	67	81	82	80	75	71	71
Educ Some College	70	75	74	68	63	62	67	76	81	86	82	84	80
Educ College Degree	83	88	92	90	84	87	93	101	105	104	103	98	91
Democrat	106	112	114	110	106	109	114	121	124	125	123	119	108
Independent	63	68	73	70	66	63	70	78	82	81	76	77	74
Republican	57	57	56	52	48	57	61	75	76	82	80	75	73

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

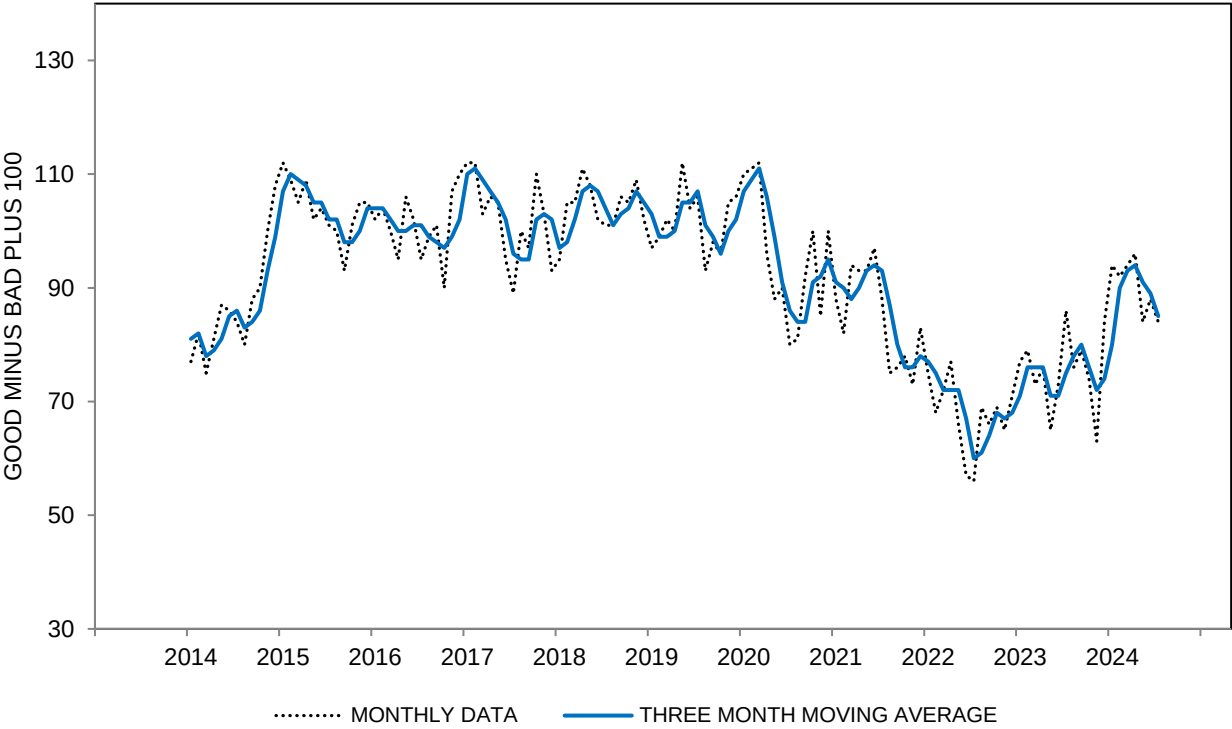


CHART 29: BUSINESS CONDITIONS EXPECTED DURING THE NEXT FIVE YEARS

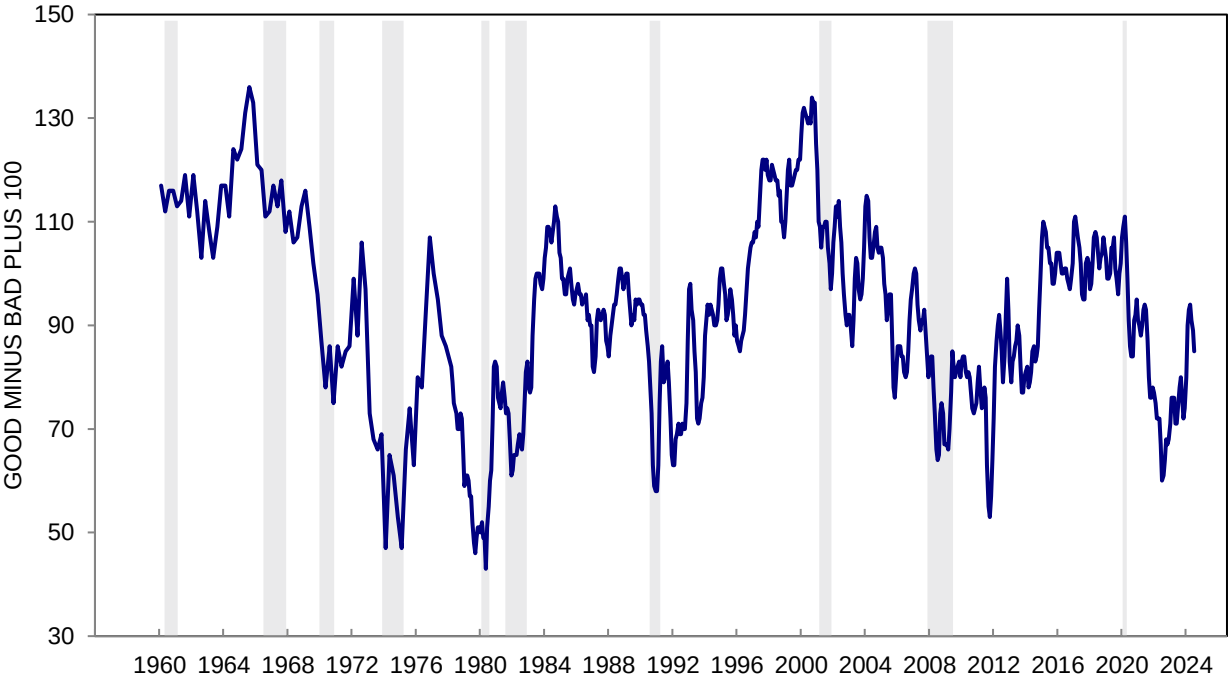


TABLE 30

EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
LESS	19%	15%	13%	17%	17%	11%	15%	17%	15%	17%	13%	14%	14%
SAME	45	53	50	45	44	56	53	51	52	50	48	53	50
MORE	35	31	36	38	38	32	31	32	32	32	38	32	35
DK, NA	1	1	1	*	1	1	1	*	1	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	84	84	77	79	79	79	84	85	83	85	75	82	79

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

All	76	80	82	80	78	79	81	83	84	84	81	81	79
Age 18 to 44	72	74	77	75	72	74	79	81	82	79	77	77	73
Age 45 to 64	75	80	82	80	79	78	77	80	82	85	81	79	77
Age 65+	80	88	88	87	85	87	87	90	90	90	86	86	86
Income Bottom Third	79	81	83	85	84	84	85	86	86	86	83	83	79
Income Middle Third	79	83	85	80	77	79	81	82	83	85	82	81	78
Income Top Third	70	78	79	79	77	77	78	81	84	83	80	78	78
Educ High School or Less	77	77	78	77	80	81	82	80	82	84	80	80	74
Educ Some College	73	79	81	78	74	72	76	79	78	76	75	78	80
Educ College Degree	76	83	84	82	80	82	84	86	89	89	85	81	78
Democrat	100	106	108	102	103	103	106	105	105	105	104	104	99
Independent	66	74	78	79	74	73	76	79	82	81	76	75	71
Republican	60	60	58	59	58	62	60	63	64	67	64	62	63

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

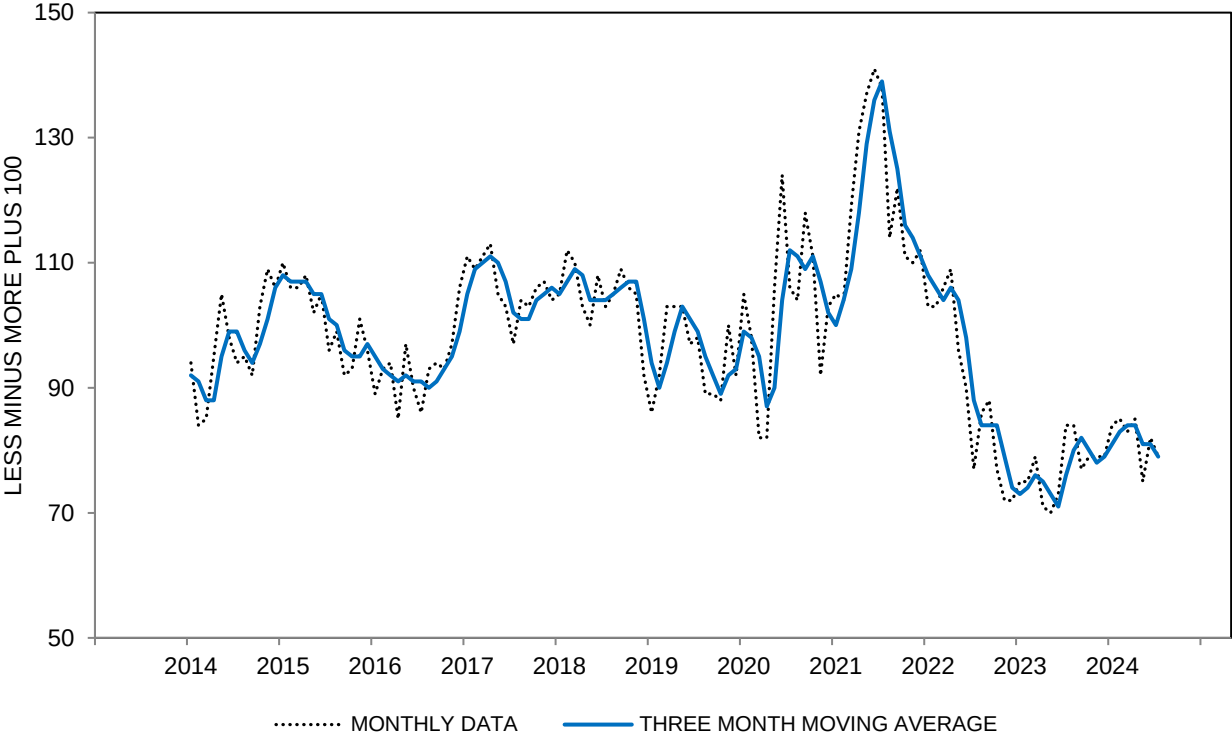


CHART 30: EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR

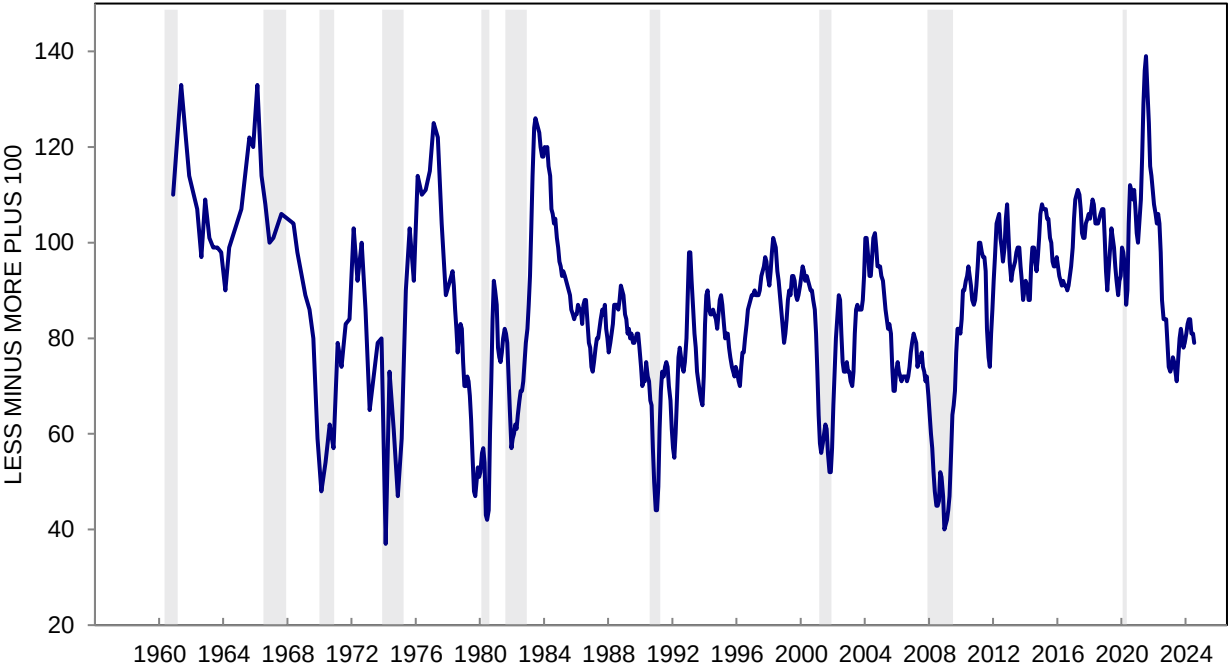


TABLE 31

EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GO UP	62%	64%	59%	61%	55%	46%	34%	34%	33%	34%	36%	32%	28%
STAY THE SAME	25	23	27	25	32	26	27	28	29	33	37	35	34
GO DOWN	12	13	13	12	12	26	37	35	35	32	26	33	36
DK, NA	1	*	1	2	1	2	2	3	3	1	1	*	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	50	49	54	51	57	80	103	101	102	98	90	101	108

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

All	49	50	51	51	54	63	80	95	102	100	97	96	100
Age 18 to 44	45	45	48	50	53	58	71	85	90	88	84	86	92
Age 45 to 64	50	54	54	55	55	65	85	100	107	106	102	99	99
Age 65+	53	54	52	50	56	65	85	102	111	109	106	106	112
Income Bottom Third	40	43	41	43	42	45	52	61	67	71	69	70	74
Income Middle Third	46	47	51	49	55	66	85	99	106	103	99	98	102
Income Top Third	60	63	62	64	67	79	104	124	132	126	122	123	127
Educ High School or Less	36	35	36	33	36	40	52	61	68	67	67	66	67
Educ Some College	41	43	41	42	43	54	69	85	90	89	83	84	87
Educ College Degree	58	61	64	66	69	77	97	114	125	121	115	112	114
Democrat	66	71	74	75	80	87	101	113	120	121	118	121	124
Independent	46	48	48	47	46	55	75	91	99	99	93	93	94
Republican	32	34	32	36	40	49	66	81	88	84	81	76	81

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

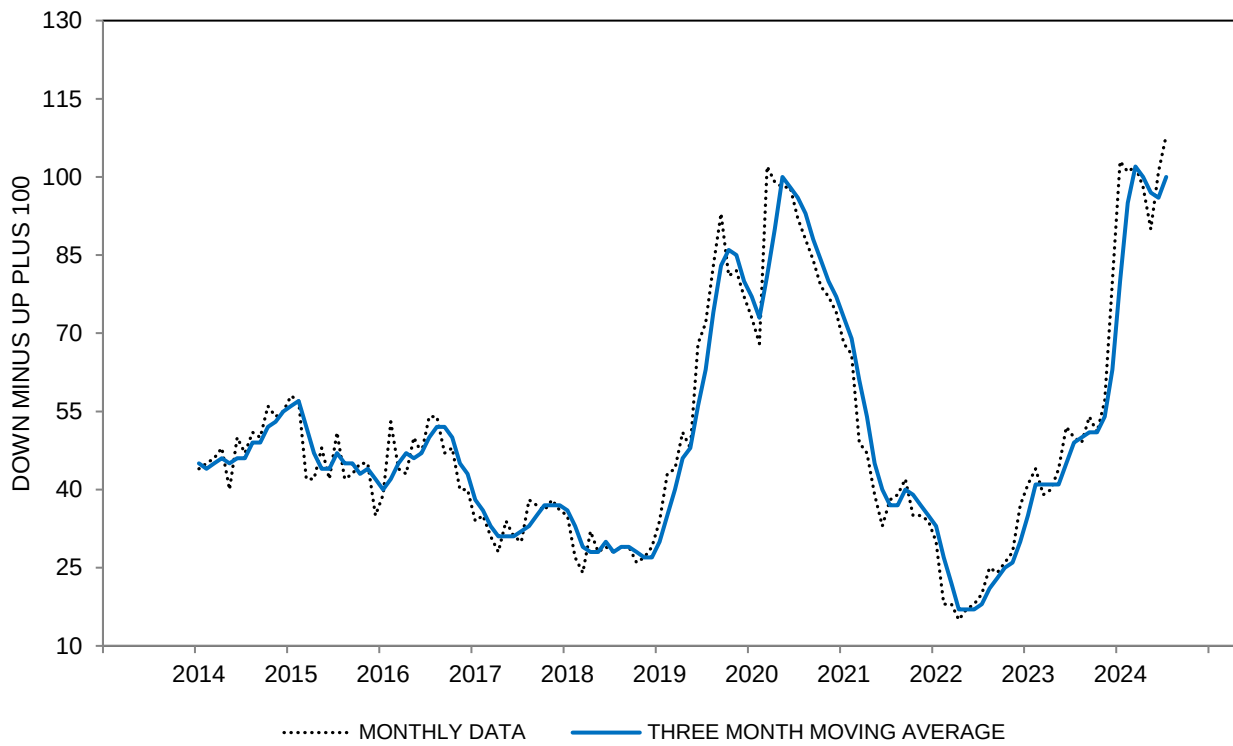


CHART 31: EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

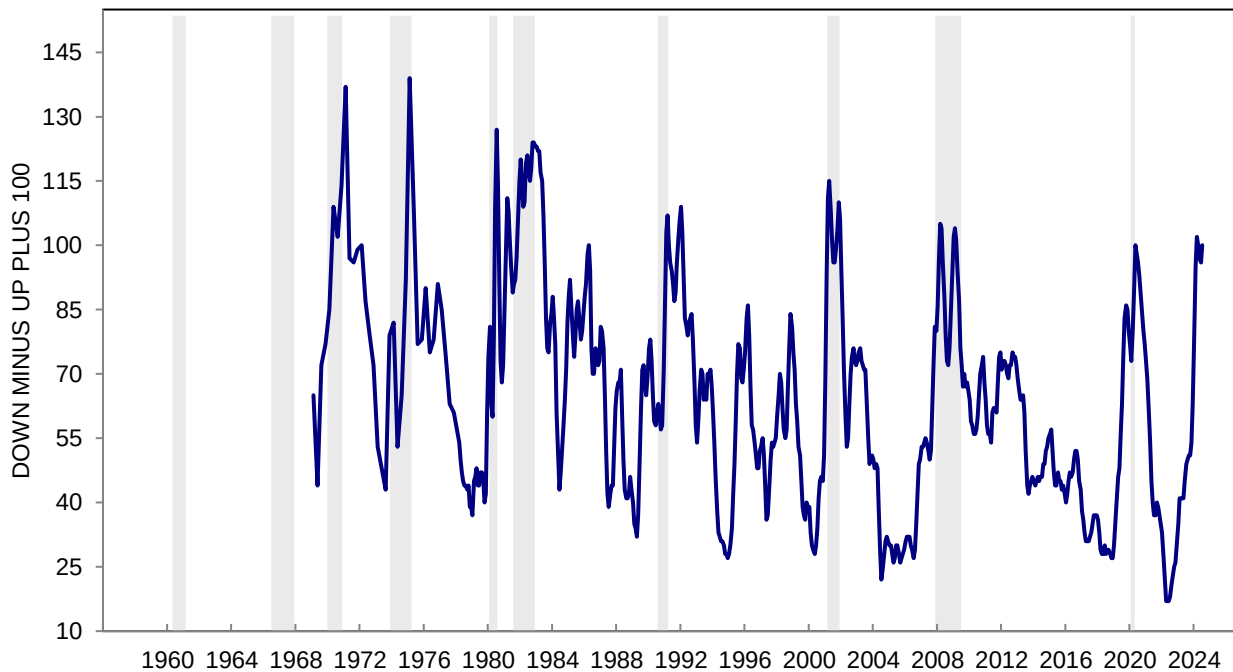


TABLE 32

EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
DOWN	9%	5%	6%	6%	6%	9%	9%	9%	9%	5%	6%	8%	8%
SAME	15	16	19	15	13	17	18	21	20	16	14	18	21
WILL GO UP BY:													
1-2%	12	12	14	9	9	13	14	12	13	15	16	12	13
3-4%	20	23	18	21	21	23	21	20	20	22	22	24	22
5%	17	15	15	16	17	14	14	12	13	14	13	12	9
6-9%	8	8	7	9	11	6	7	6	6	6	7	5	6
10-14%	7	9	10	9	9	8	7	9	10	8	9	7	8
15% or more	8	8	8	12	11	6	7	8	5	8	8	9	9
DK how much up	3	3	3	2	3	4	2	3	4	5	4	4	4
DK, NA	1	1	*	1	*	*	1	*	*	1	1	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEDIAN INCREASE	3.4	3.5	3.2	4.2	4.5	3.1	2.9	3.0	2.9	3.2	3.3	3.0	2.9
25th PERCENTILE	0.7	1.4	0.5	1.4	1.9	0.5	0.4	0.3	0.3	0.9	1.0	0.4	0.3
75th PERCENTILE	5.4	6.4	6.5	7.4	7.6	5.2	5.3	5.5	5.2	5.4	5.6	5.3	5.4
INTERQUARTILE RANGE (75th-25th)	4.8	5.0	6.0	6.1	5.7	4.8	4.9	5.2	5.0	4.5	4.6	4.9	5.1
MEAN INCREASE	5.0	5.6	5.3	6.3	6.1	4.5	4.6	4.6	3.9	5.2	5.5	5.1	5.0
VARIANCE	67	78	69	89	74	67	71	62	46	65	85	81	88

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

All	3.6	3.4	3.4	3.6	4.0	3.9	3.5	3.0	2.9	3.0	3.1	3.2	3.1
Age 18 to 44	3.7	3.7	3.7	4.0	4.2	4.1	3.6	3.1	3.0	3.1	3.2	3.3	3.3
Age 45 to 64	3.8	3.3	3.4	3.5	3.9	3.8	3.6	3.0	2.9	3.0	3.1	3.1	3.0
Age 65+	3.4	3.3	3.2	3.6	3.7	3.7	3.0	2.8	2.8	2.9	3.1	3.0	2.9
Income Bottom Third	4.3	4.2	4.3	4.3	4.4	4.3	4.0	3.9	3.8	3.6	3.6	3.7	3.8
Income Middle Third	3.7	3.4	3.2	3.7	4.1	4.2	3.6	2.9	2.7	2.8	3.1	3.2	3.1
Income Top Third	3.2	3.1	3.1	3.1	3.2	3.2	2.9	2.7	2.7	2.8	2.8	2.8	2.8
Educ High School or Less	4.5	4.4	4.6	4.6	4.6	4.4	4.0	3.9	4.0	4.2	4.1	4.0	3.9
Educ Some College	4.0	3.6	3.7	4.1	4.5	4.4	3.8	3.2	3.0	3.1	3.5	3.6	3.5
Educ College Degree	3.2	3.1	3.0	3.1	3.3	3.3	3.1	2.8	2.7	2.8	2.9	3.0	2.9
Democrat	2.4	2.5	2.2	2.5	2.4	2.6	2.4	2.1	2.1	2.0	2.1	1.9	1.8
Independent	3.8	3.5	3.5	3.8	4.3	4.4	3.9	3.3	3.1	3.2	3.5	3.5	3.4
Republican	4.9	4.7	4.8	4.7	4.8	4.3	4.1	3.7	3.8	3.9	4.0	4.4	4.0

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

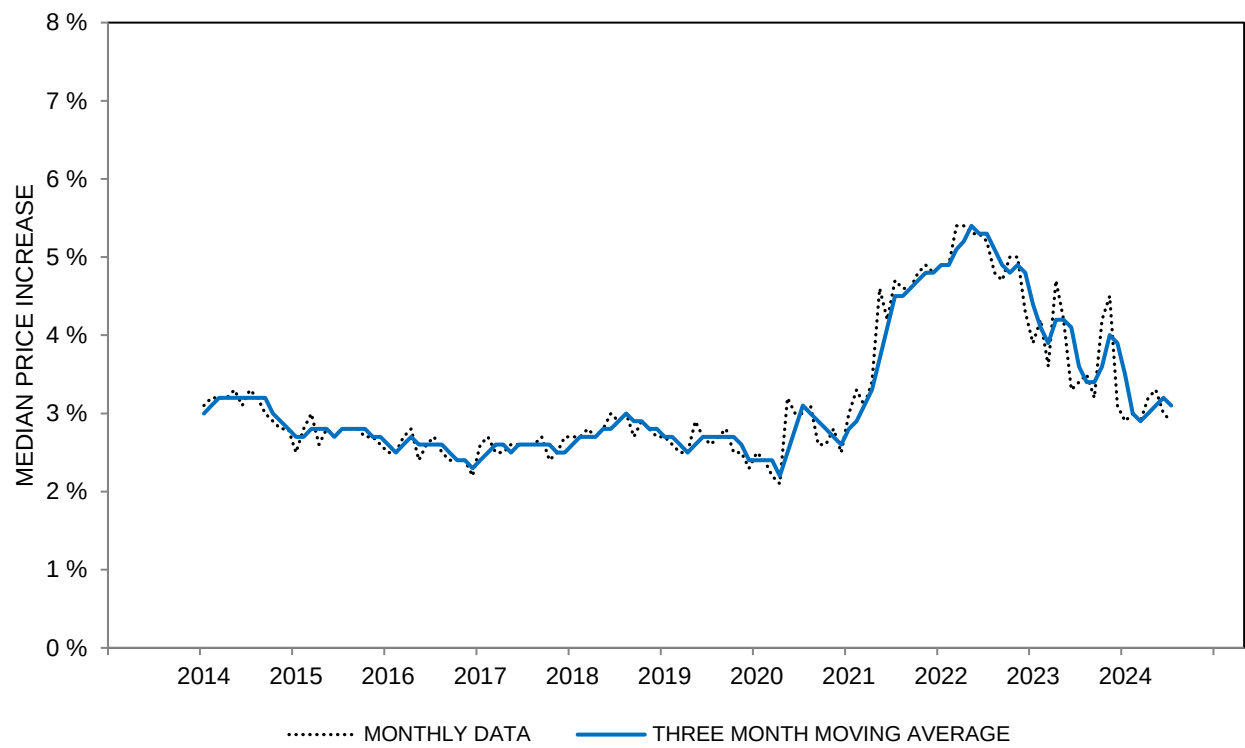


CHART 32: EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

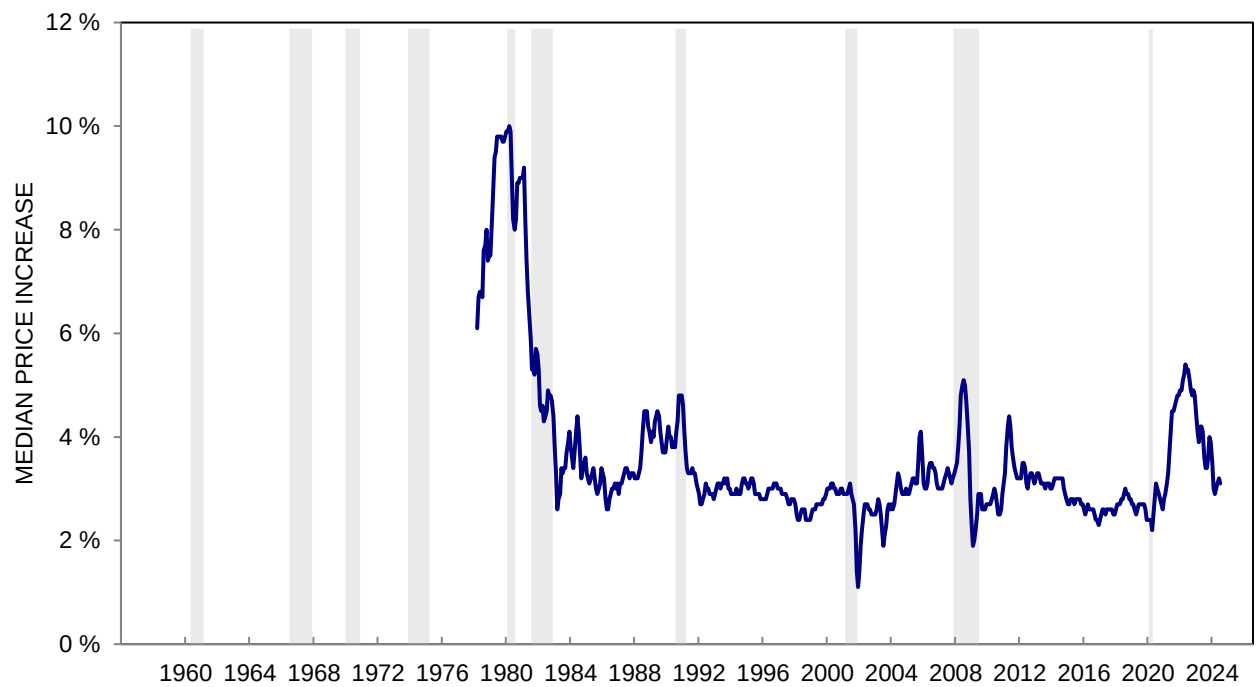


TABLE 33

EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
DOWN	10%	10%	10%	11%	10%	9%	10%	8%	9%	8%	9%	6%	7%
SAME	3	4	6	5	4	6	4	6	5	4	6	7	8
WILL GO UP BY:													
1-2%	22	23	23	20	18	24	24	24	25	22	20	21	20
3-4%	28	28	28	28	30	29	31	30	30	32	29	26	25
5%	13	12	12	14	12	12	12	13	12	10	10	12	7
6-9%	5	6	3	4	7	4	6	3	5	5	4	3	6
10-14%	7	5	5	6	8	5	5	5	6	6	6	6	7
15% or more	5	6	4	6	5	3	4	6	2	6	8	10	12
DK how much up	3	4	4	4	4	4	2	3	3	5	6	7	7
DK, NA	4	2	5	2	2	4	2	2	3	2	2	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEDIAN INCREASE	3.0	3.0	2.8	3.0	3.2	2.9	2.9	2.9	2.8	3.0	3.0	3.0	3.0
25th PERCENTILE	1.6	1.4	1.2	1.5	1.8	1.4	1.5	1.5	1.3	1.5	1.4	1.5	1.4
75th PERCENTILE	5.0	5.0	4.6	5.0	5.3	4.6	4.8	4.8	4.6	4.9	5.1	5.2	6.7
INTERQUARTILE RANGE (75th-25th)	3.4	3.6	3.5	3.5	3.5	3.2	3.2	3.3	3.4	3.4	3.7	3.7	5.3
MEAN INCREASE	4.3	4.3	3.5	4.5	4.8	3.4	3.6	4.4	3.5	4.6	5.0	5.6	6.5
VARIANCE	48	56	30	55	63	27	29	56	35	56	75	90	128

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

All	3.0	3.0	2.9	2.9	3.0	3.0	3.0	2.9	2.9	2.9	2.9	3.0	3.0
Age 18 to 44	3.2	3.0	2.9	2.9	3.1	3.1	3.1	2.9	2.9	2.9	3.0	3.1	3.2
Age 45 to 64	3.0	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Age 65+	3.0	3.0	3.0	2.9	3.0	3.0	2.9	2.8	2.9	2.9	2.9	2.9	2.9
Income Bottom Third	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1	3.3	3.4
Income Middle Third	2.9	2.9	2.8	2.9	3.0	2.9	2.9	2.8	2.8	2.8	3.0	3.0	3.0
Income Top Third	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.9
Educ High School or Less	3.9	3.6	3.4	3.1	3.3	3.4	3.3	3.0	3.1	3.2	3.2	3.3	3.3
Educ Some College	3.2	3.1	3.0	3.1	3.2	3.2	3.1	2.9	2.9	2.9	2.9	3.0	3.0
Educ College Degree	2.9	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.8	2.8	2.9	3.0	3.0
Democrat	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.9	2.9	2.8	2.8
Independent	3.2	3.1	3.0	3.0	3.2	3.2	3.2	3.0	3.0	3.1	3.2	3.2	3.2
Republican	3.3	3.2	3.2	3.1	3.2	3.0	3.0	2.9	2.9	2.9	2.9	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

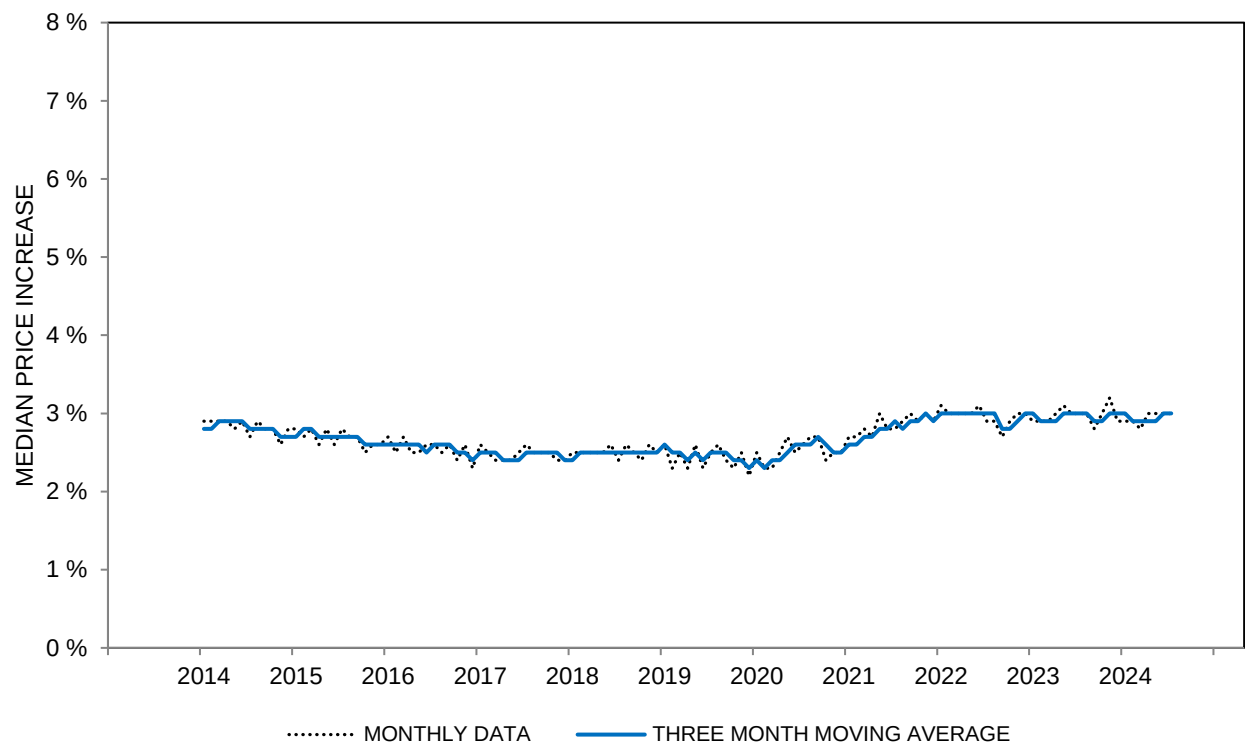


CHART 33: EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

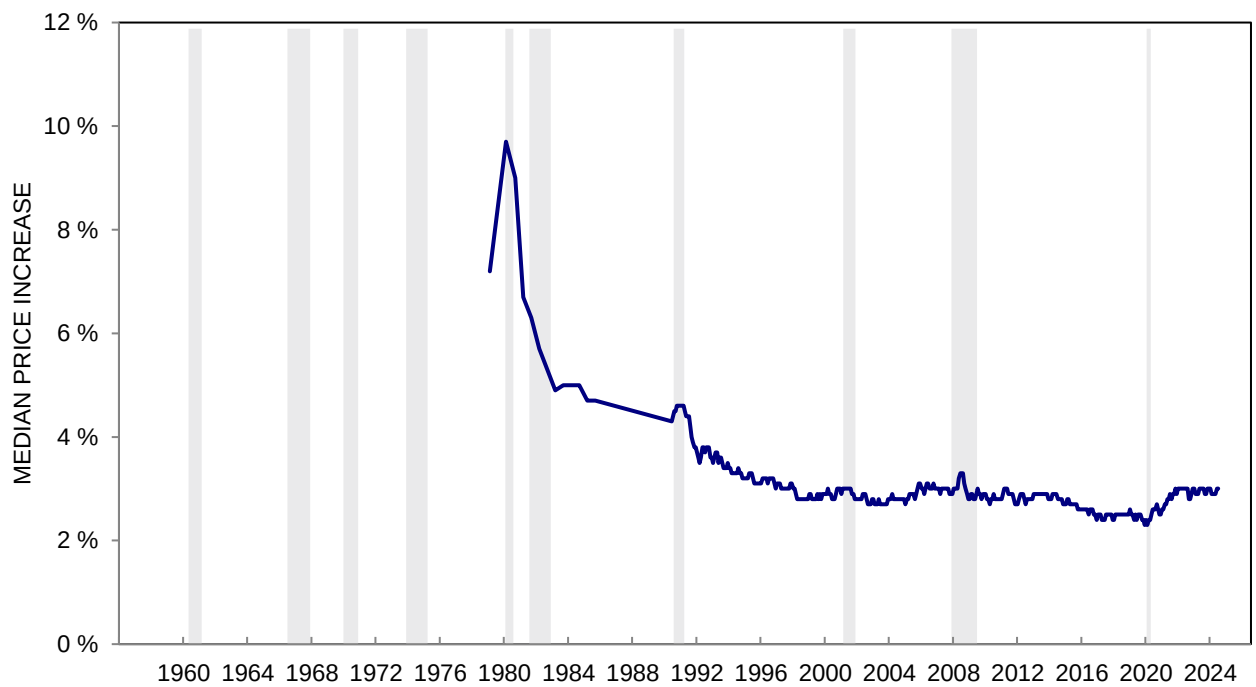


TABLE 34

OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
A GOOD JOB	21%	22%	22%	21%	20%	20%	26%	23%	25%	26%	25%	28%	31%
ONLY FAIR	31	31	31	27	27	30	25	31	29	28	24	22	23
A POOR JOB	46	47	46	51	53	49	47	45	44	45	50	50	45
DK, NA	2	*	1	1	*	1	2	1	2	1	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	75	75	76	70	67	71	79	78	81	81	75	78	86

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

All	70	74	75	74	71	69	72	76	79	80	79	78	80
Age 18 to 44	67	70	68	63	59	57	62	66	67	64	66	66	69
Age 45 to 64	64	71	73	76	75	72	71	75	81	86	82	81	81
Age 65+	80	83	87	85	83	83	88	92	94	94	94	92	95
Income Bottom Third	59	65	66	73	68	66	61	66	67	71	67	66	67
Income Middle Third	69	71	73	68	68	67	74	75	80	79	80	79	78
Income Top Third	83	89	90	82	79	77	85	88	92	91	94	92	96
Educ High School or Less	52	55	53	55	54	53	50	54	56	60	54	49	51
Educ Some College	54	61	59	62	57	56	55	58	61	62	63	59	65
Educ College Degree	86	90	94	89	86	83	91	94	99	99	98	96	95
Democrat	124	129	134	130	130	129	134	135	139	139	143	146	146
Independent	59	66	64	65	59	56	58	64	69	71	66	65	64
Republican	24	26	27	28	27	27	24	26	28	32	29	23	24

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

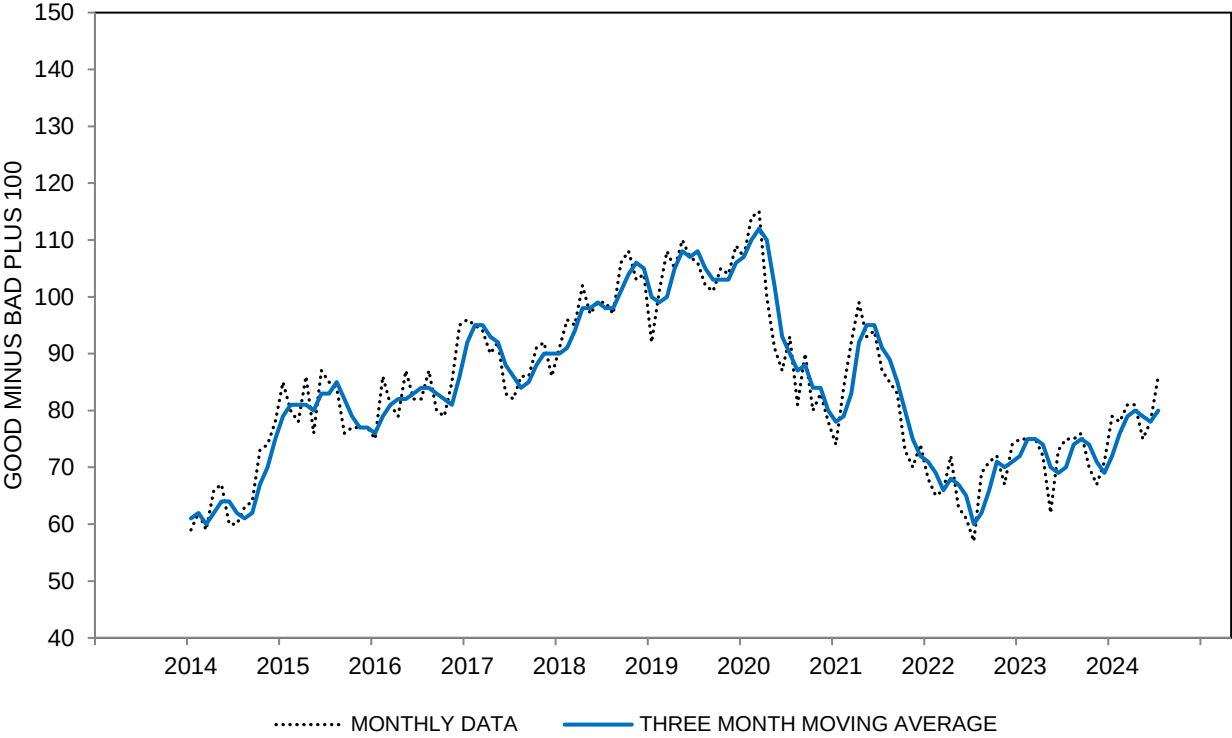


CHART 34: OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

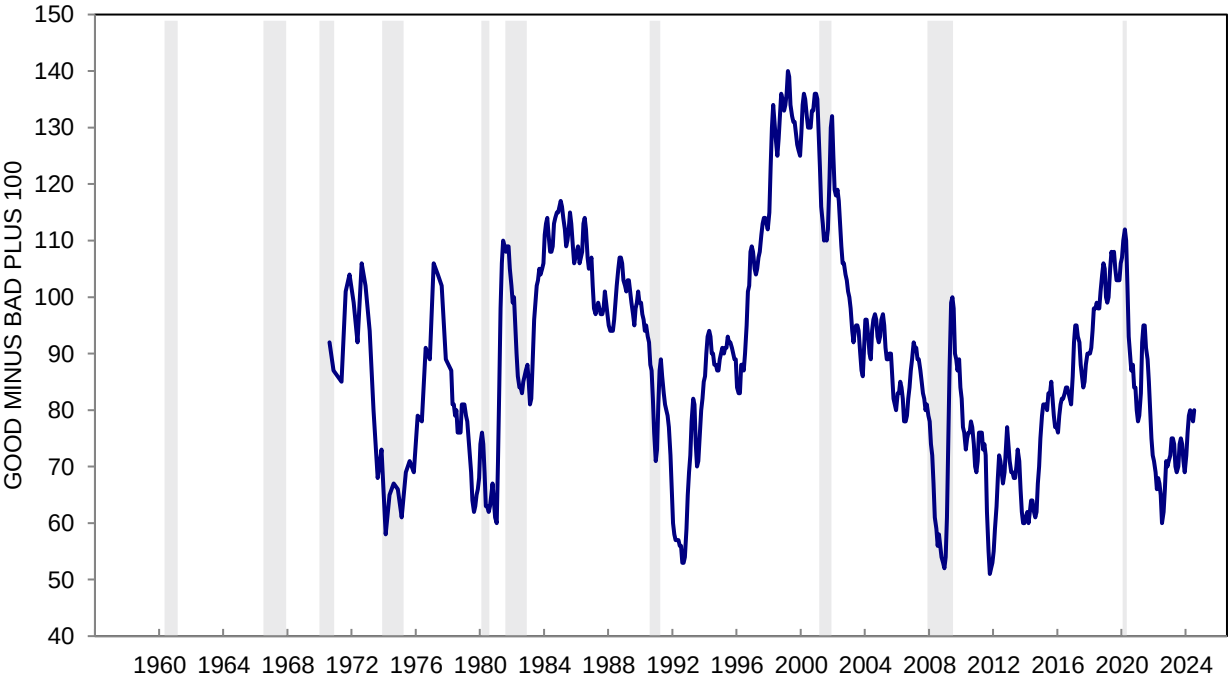


TABLE 35

BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO BUY	46%	47%	44%	47%	42%	46%	53%	48%	51%	51%	40%	42%	39%
UNCERTAIN, DEPENDS	9	8	8	8	8	8	5	10	7	7	8	4	3
BAD TIME TO BUY	45	45	48	45	50	46	42	42	42	42	52	54	58
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	101	102	96	102	92	100	111	106	109	109	88	88	81

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

All	92	98	100	100	97	98	101	106	109	108	102	95	86
Age 18 to 44	96	100	97	97	97	99	106	107	110	105	102	96	86
Age 45 to 64	89	93	95	93	87	90	89	98	96	102	91	88	78
Age 65+	91	103	108	113	106	105	108	113	120	119	114	103	95
Income Bottom Third	89	90	89	98	96	98	96	100	99	94	85	83	74
Income Middle Third	94	101	103	99	95	92	99	101	108	108	105	94	82
Income Top Third	93	103	107	103	100	105	110	118	119	119	114	109	102
Educ High School or Less	87	89	89	92	92	88	94	98	101	99	88	87	67
Educ Some College	91	94	95	100	94	96	92	94	98	98	96	86	83
Educ College Degree	93	104	107	104	101	103	108	114	116	116	109	101	91
Democrat	102	108	110	111	114	117	123	126	128	127	121	116	106
Independent	95	100	101	103	98	99	97	102	102	101	96	90	80
Republican	75	83	85	86	81	82	83	88	95	96	88	78	69

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

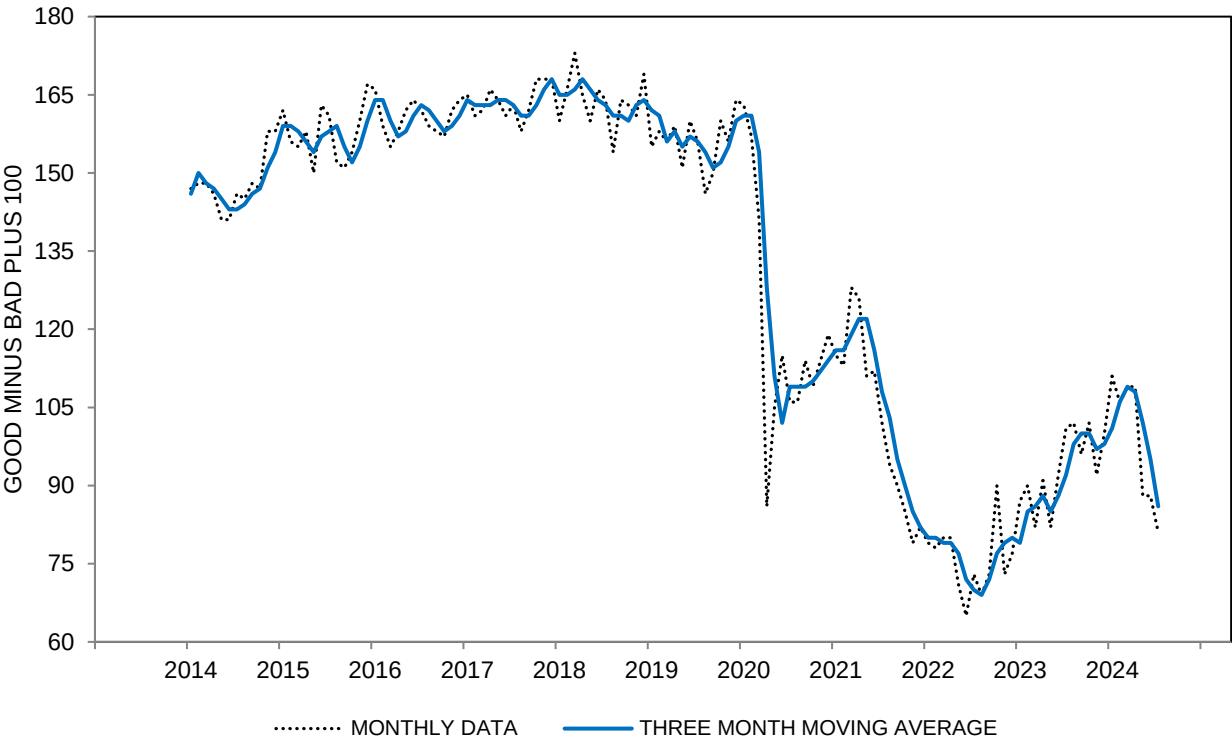


CHART 35: BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

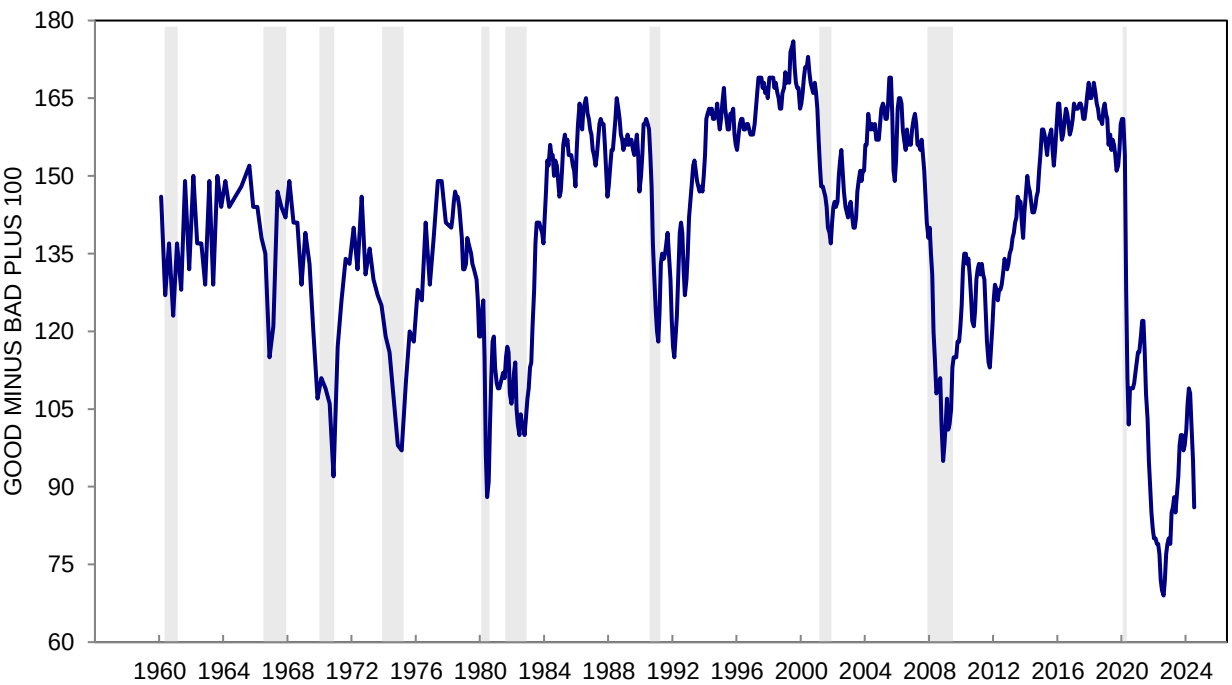


TABLE 36

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO BUY													
Prices are low; good buys available	22%	21%	23%	23%	25%	26%	27%	28%	23%	22%	18%	16%	15%
Prices won't come down; are going higher	11	11	10	12	7	10	12	10	15	14	9	10	7
Interest rates are low	1	2	2	2	1	2	1	2	3	2	2	1	*
Borrow-in-advance of rising interest rates	1	1	*	*	*	*	*	*	*	*	*	*	*
Times are good; prosperity	6	5	3	4	2	3	7	5	5	4	3	2	1
Supply Adequate	5	4	5	4	3	4	5	4	3	3	3	2	3
BAD TIME TO BUY													
Prices are high	31	31	35	31	35	33	27	30	27	29	36	33	37
Interest rates are high; credit is tight	10	11	10	10	12	11	8	10	10	9	9	11	10
Times are bad; can't afford to buy	11	7	10	10	9	7	10	9	8	9	9	9	8
Bad times ahead; uncertain future	8	8	8	7	9	7	6	7	8	6	7	6	4
Supply Inadequate	4	5	4	3	4	4	2	2	2	2	2	2	1

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

All	-14	-11	-10	-10	-10	-8	-6	-3	-2	-4	-10	-14	-19
Age 18 to 44	-11	-11	-14	-14	-10	-7	-4	-5	-4	-7	-10	-15	-20
Age 45 to 64	-15	-11	-11	-10	-14	-10	-9	-4	-6	-5	-12	-15	-24
Age 65+	-16	-9	-4	-3	-6	-7	-3	1	4	0	-5	-10	-13
Income Bottom Third	-13	-14	-16	-10	-10	-6	-7	-6	-11	-15	-21	-22	-24
Income Middle Third	-12	-8	-7	-8	-10	-13	-7	-4	1	-2	-7	-13	-20
Income Top Third	-17	-11	-9	-10	-9	-4	0	3	5	4	-1	-7	-13
Educ High School or Less	-16	-14	-14	-12	-11	-13	-12	-10	-11	-15	-23	-22	-30
Educ Some College	-13	-13	-14	-9	-10	-7	-8	-8	-7	-7	-10	-16	-22
Educ College Degree	-14	-9	-7	-10	-9	-7	-2	2	4	2	-4	-11	-15
Democrat	-9	-7	-7	-6	1	7	12	10	9	6	3	0	-3
Independent	-10	-7	-7	-7	-10	-11	-10	-6	-6	-7	-12	-18	-25
Republican	-23	-23	-22	-18	-20	-18	-18	-13	-11	-13	-19	-23	-29

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

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

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)

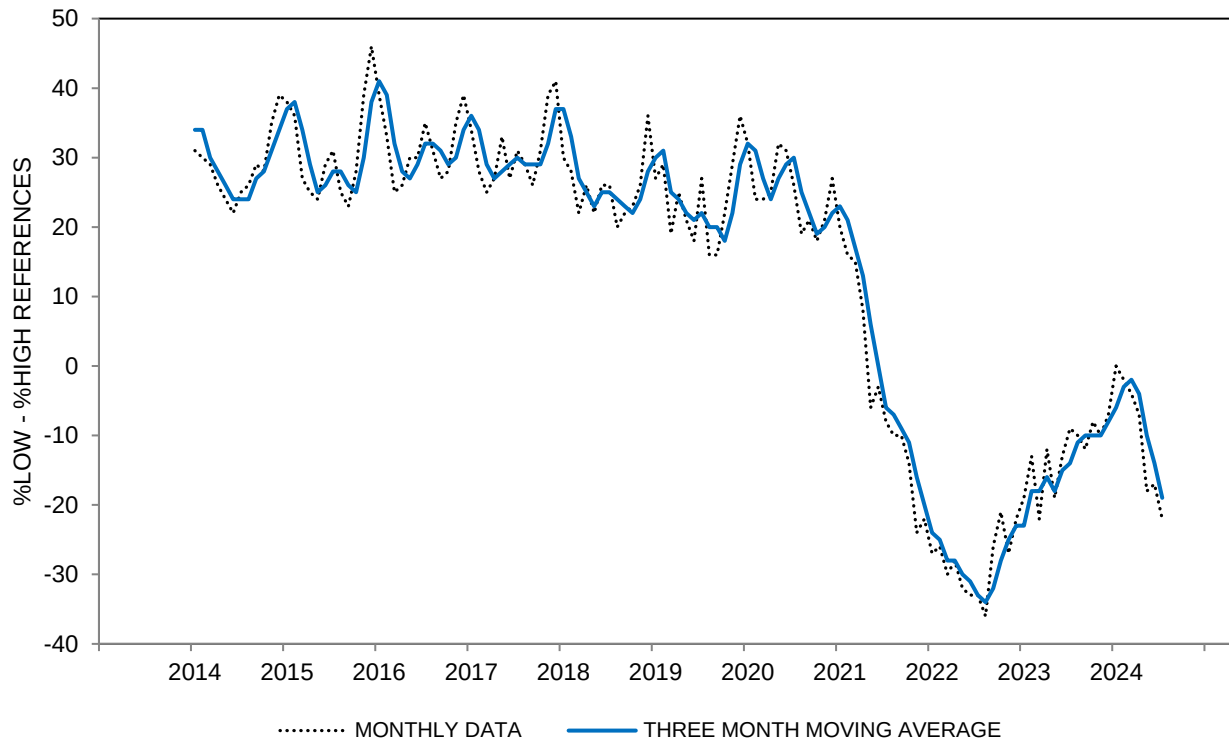


CHART 36A: PRICE REASONS FOR LARGE HOUSEHOLD DURABLES
 (%LOW PRICES - %HIGH PRICES)

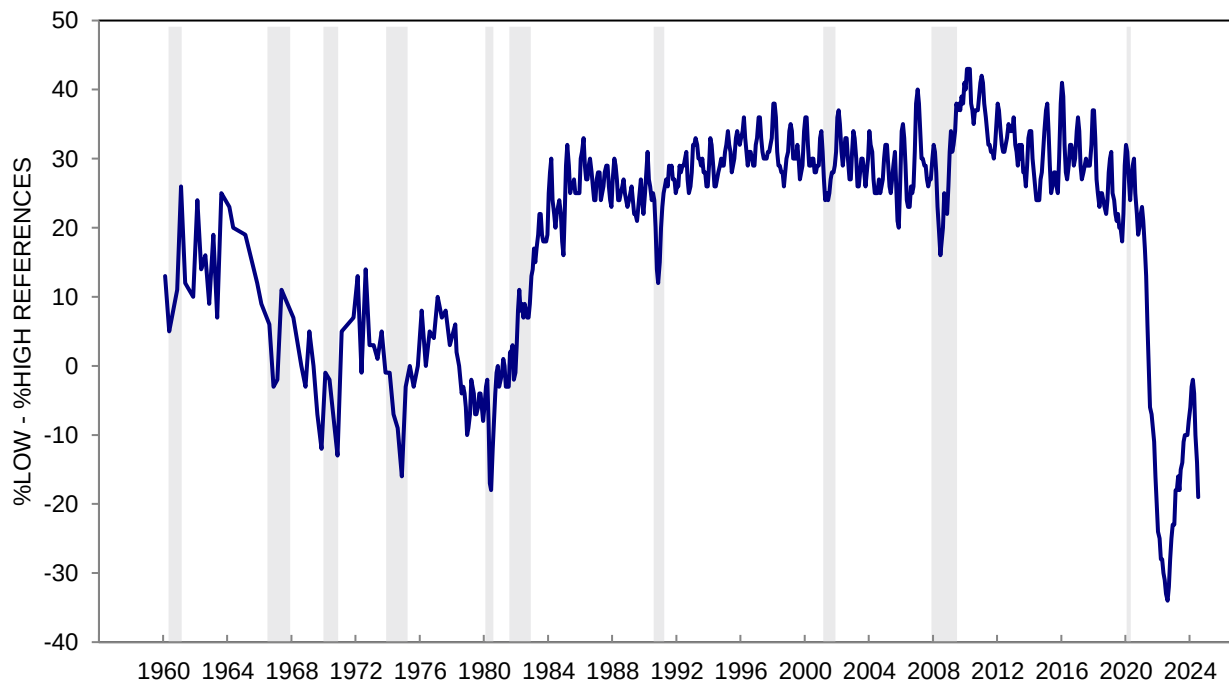


CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES
(THREE MONTH MOVING AVERAGES)

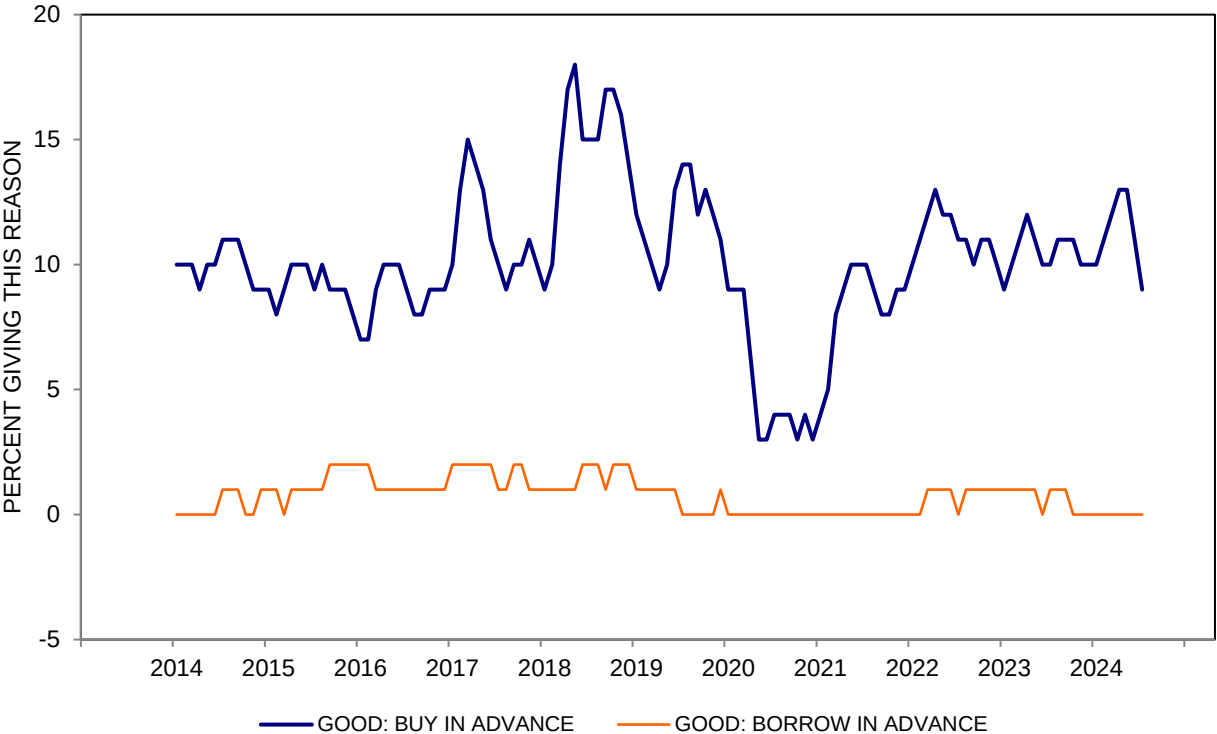


CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES

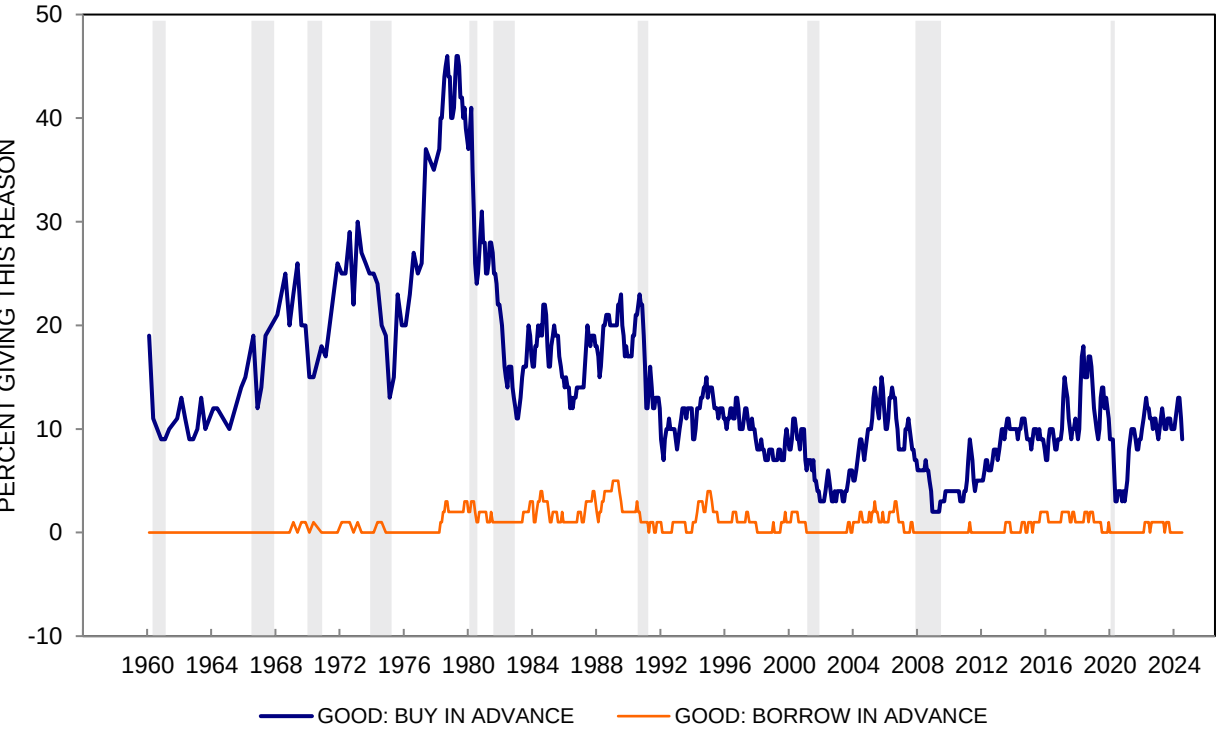


CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

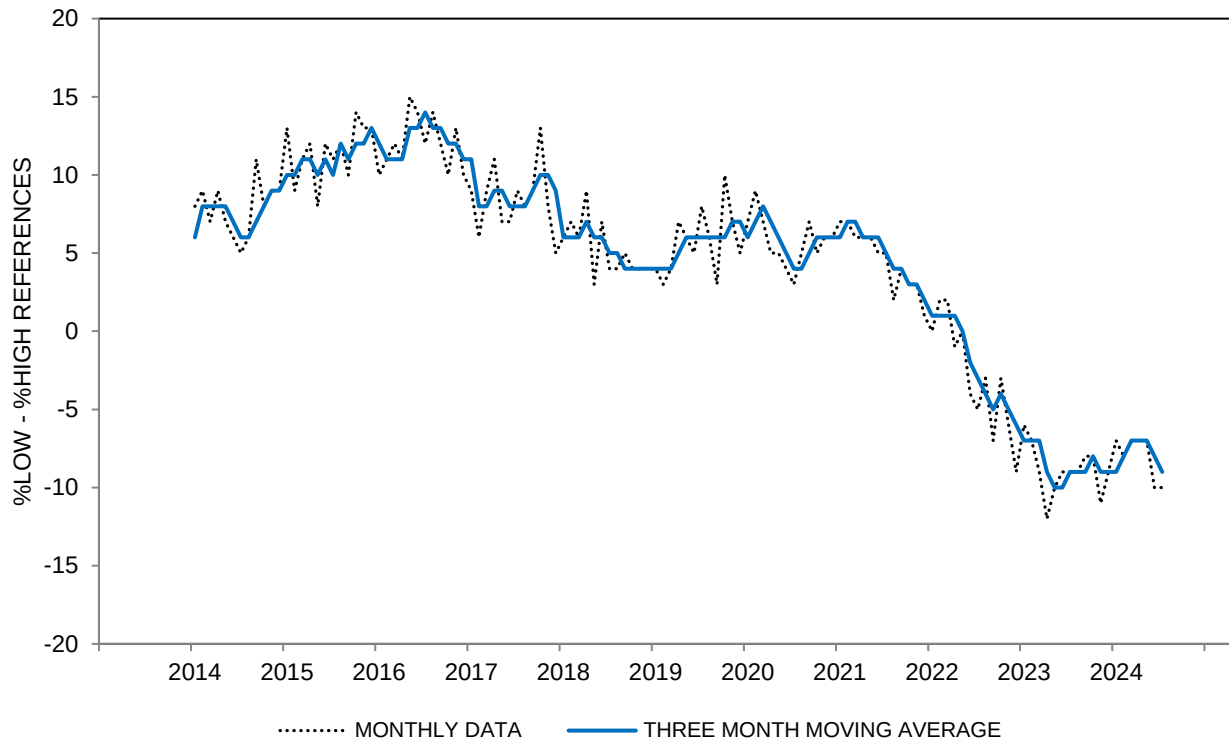


CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

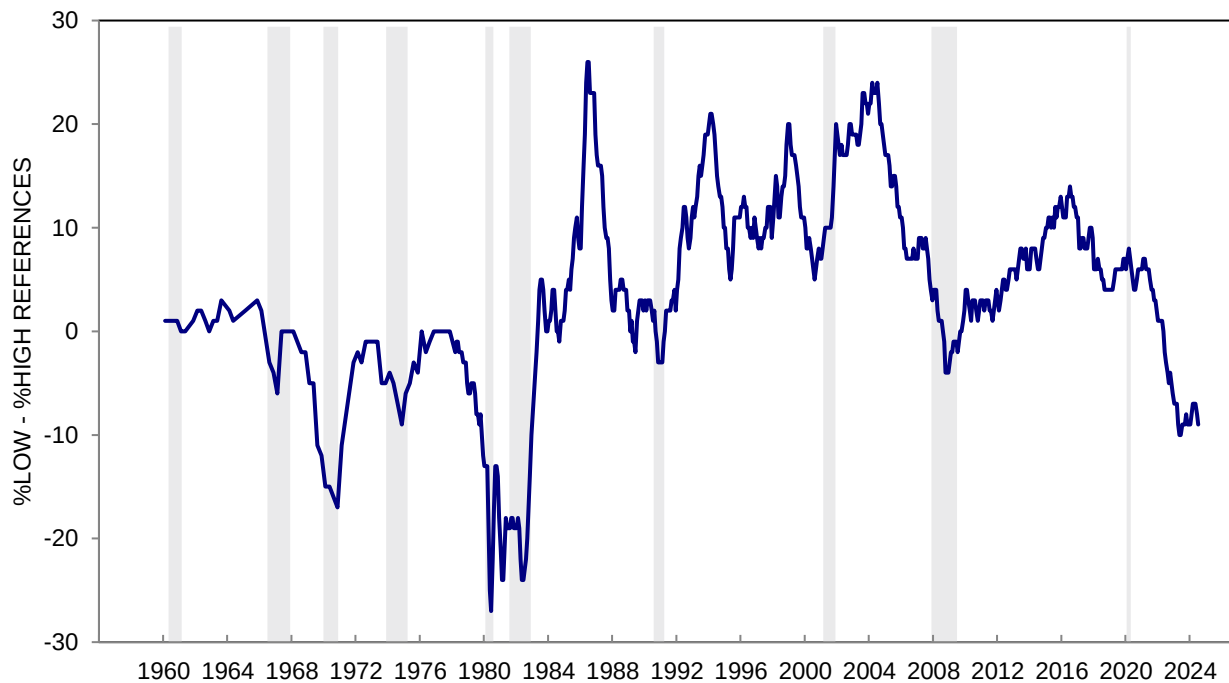


CHART 36D: ECONOMIC CERTAINTY REASONS FOR LARGE HOUSEHOLD DURABLES
 (%MORE CERTAINTY - %LESS CERTAINTY)

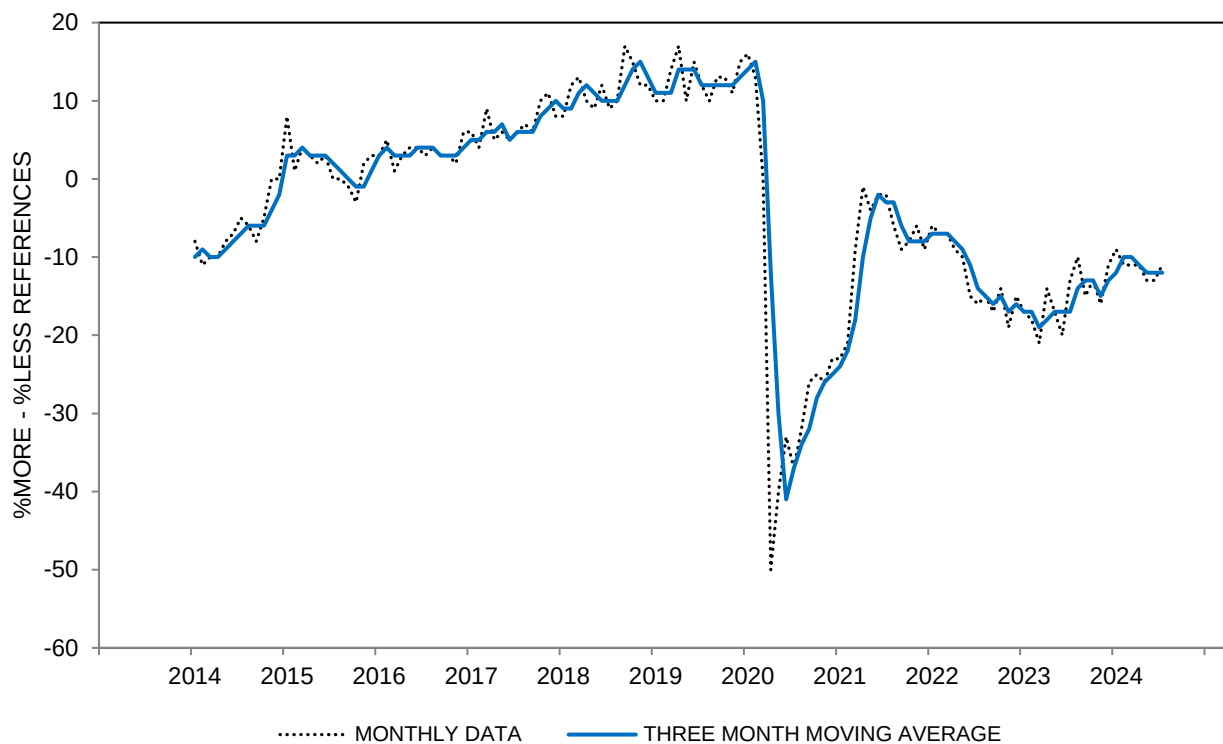
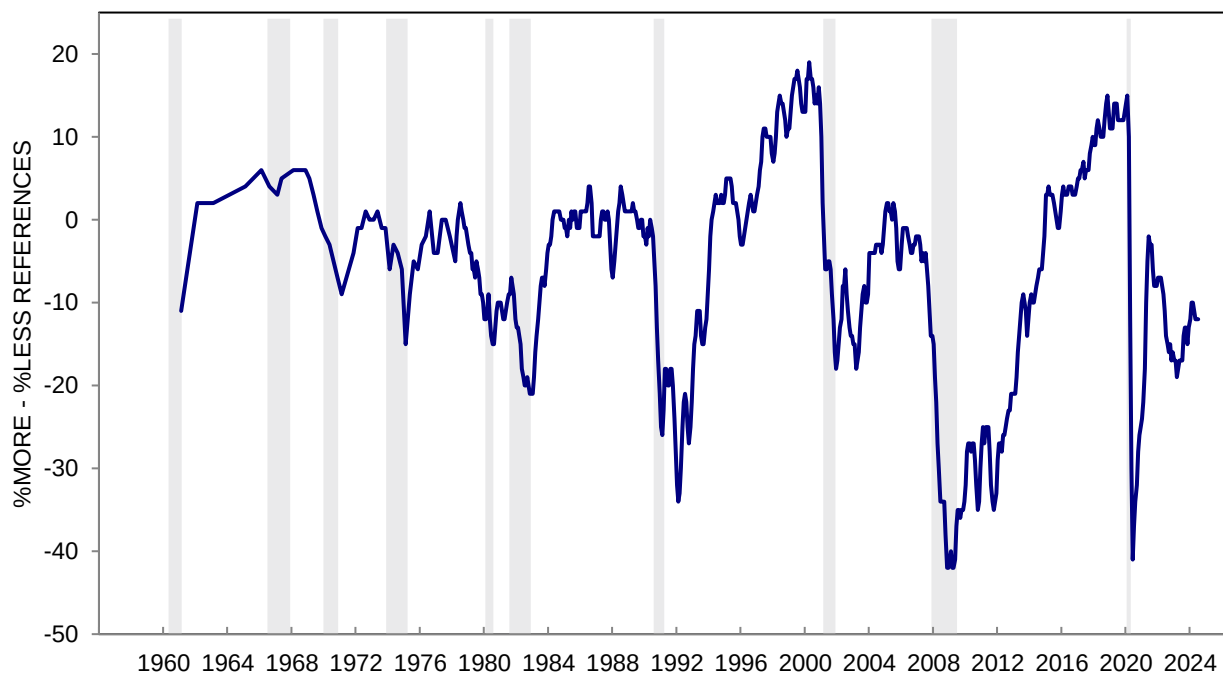


CHART 36D: ECONOMIC CERTAINTY REASONS FOR LARGE HOUSEHOLD DURABLES
 (%MORE CERTAINTY - %LESS CERTAINTY)



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TABLE 37

BUYING CONDITIONS FOR VEHICLES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO BUY	31%	31%	27%	27%	27%	29%	35%	35%	40%	32%	29%	27%	26%
UNCERTAIN, DEPENDS	4	3	3	3	2	4	5	6	5	6	5	4	4
BAD TIME TO BUY	65	66	70	70	71	67	60	59	55	62	66	69	70
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	66	65	57	57	56	62	75	76	85	70	63	58	56

BUYING CONDITIONS FOR VEHICLES - INDEX SCORE
THREE MONTH MOVING AVERAGES

All	62	64	63	60	57	58	64	71	79	77	73	64	59
Age 18 to 44	65	64	61	58	55	56	62	71	76	71	63	53	50
Age 45 to 64	56	61	60	58	53	56	60	69	75	76	73	66	60
Age 65+	64	68	69	65	63	63	71	73	85	84	85	76	69
Income Bottom Third	57	58	54	56	56	58	61	63	70	68	65	55	46
Income Middle Third	63	64	64	59	54	53	59	64	73	73	72	62	57
Income Top Third	68	71	70	64	60	65	73	86	94	90	83	73	74
Educ High School or Less	55	63	60	62	58	58	60	64	72	70	67	57	44
Educ Some College	59	62	56	58	50	51	52	60	69	67	63	54	49
Educ College Degree	67	66	68	60	59	62	72	80	87	84	79	69	67
Democrat	73	73	71	66	70	73	81	87	98	98	93	83	75
Independent	61	62	62	61	57	57	60	67	73	70	67	57	55
Republican	51	58	54	51	43	48	51	57	63	65	59	51	46

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

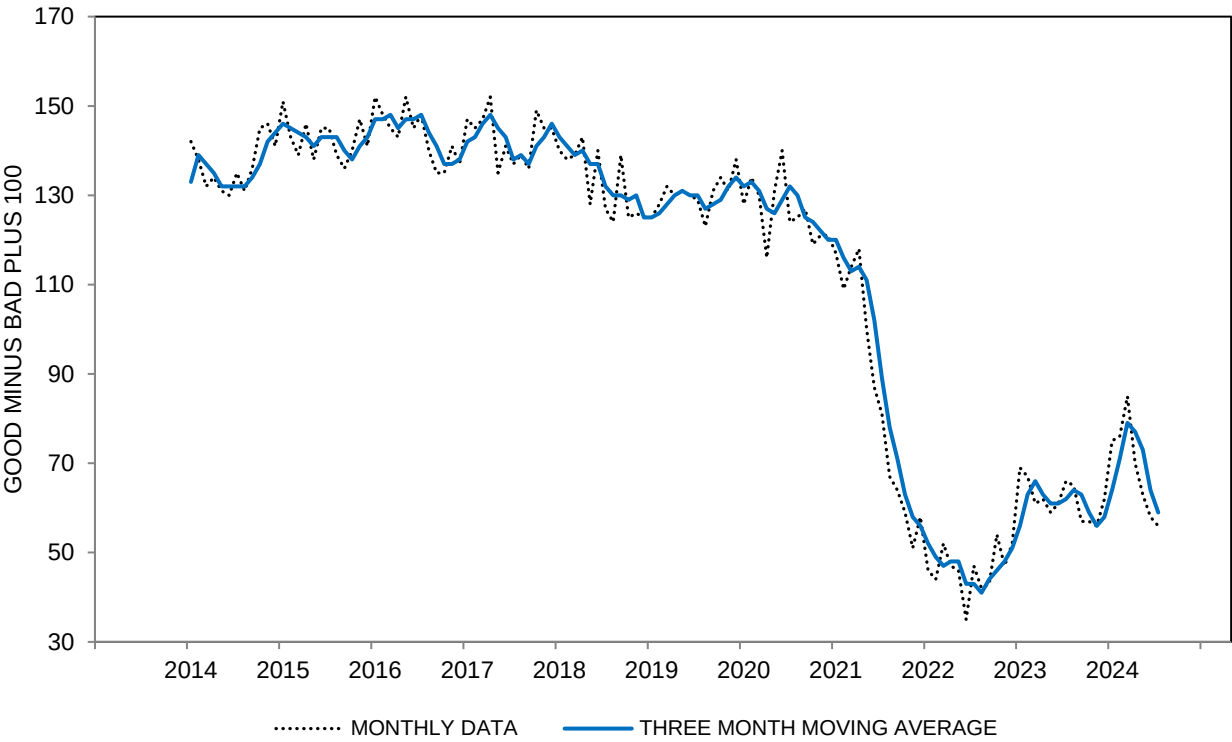


CHART 37: BUYING CONDITIONS FOR VEHICLES

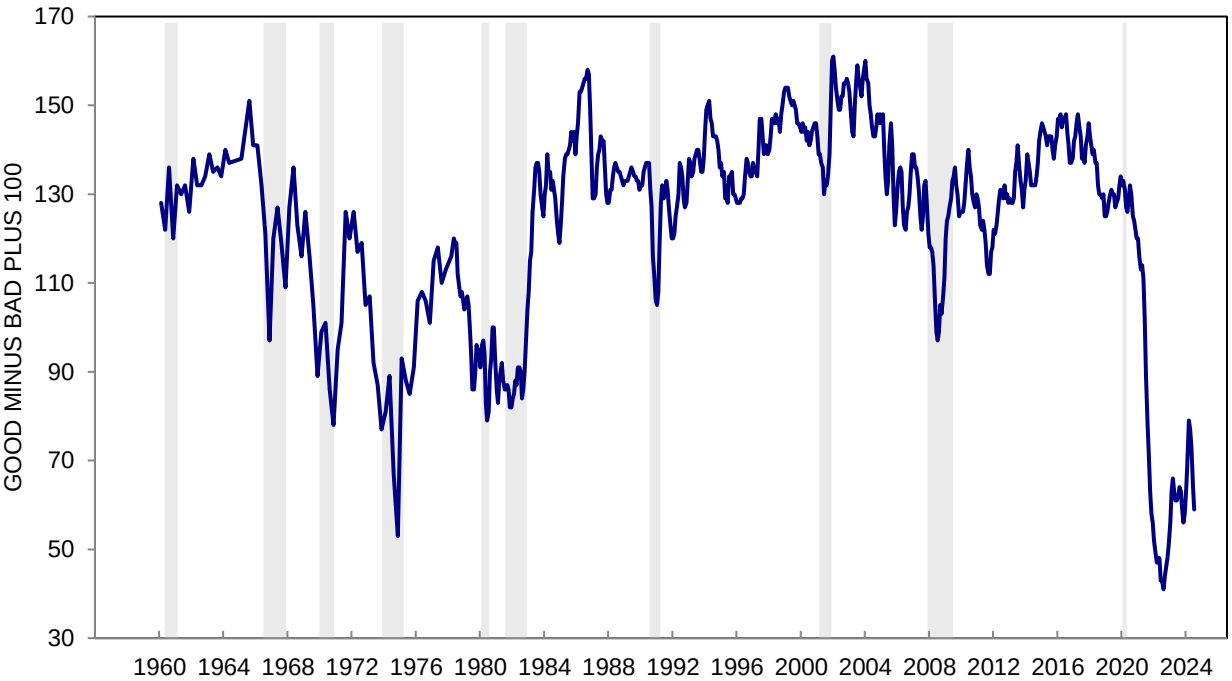


TABLE 38
SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR VEHICLES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO BUY													
Prices are low; good buys available	14%	15%	12%	12%	14%	15%	15%	18%	18%	13%	14%	12%	11%
Prices won't come down; are going higher	5	5	4	5	3	4	3	4	7	5	3	3	1
Interest rates are low	3	3	2	2	3	4	5	6	7	4	4	2	3
Borrow-in-advance of rising interest rates	1	1	*	1	1	1	*	*	1	1	*	1	*
Times are good; prosperity	4	2	2	2	2	2	5	3	4	3	2	1	1
New fuel efficient model	*	1	*	1	*	*	1	*	1	*	*	*	1
Supply Adequate	6	6	6	4	3	6	6	6	7	6	5	3	3
BAD TIME TO BUY													
Prices are high	45	45	49	47	47	46	42	43	43	43	42	41	40
Interest rates are high; credit is tight	22	26	28	28	34	30	24	24	21	25	29	29	26
Times are bad; can't afford to buy	9	6	7	6	7	7	6	7	7	6	4	6	3
Bad times ahead; uncertain future	3	3	3	3	4	3	3	4	2	2	2	3	2
Price of gas; shortages	2	1	1	2	1	1	*	1	1	1	1	1	1
Poor selection; quality	2	3	2	1	3	3	4	4	5	3	4	3	2
Supply Inadequate	10	8	9	10	8	6	4	3	3	3	4	2	2

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

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

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

All	-22	-21	-23	-25	-28	-28	-25	-21	-17	-18	-20	-24	-25
Age 18 to 44	-19	-21	-23	-26	-27	-27	-26	-23	-20	-23	-26	-29	-32
Age 45 to 64	-25	-23	-26	-29	-34	-32	-30	-24	-20	-20	-21	-26	-26
Age 65+	-20	-17	-16	-17	-21	-22	-20	-14	-9	-8	-13	-17	-17
Income Bottom Third	-16	-15	-16	-17	-20	-21	-19	-16	-12	-11	-14	-19	-21
Income Middle Third	-24	-26	-28	-31	-32	-30	-27	-23	-21	-20	-22	-25	-26
Income Top Third	-25	-24	-24	-27	-31	-32	-30	-23	-17	-21	-25	-31	-31
Educ High School or Less	-17	-16	-15	-19	-20	-23	-17	-16	-14	-16	-19	-24	-26
Educ Some College	-24	-21	-23	-21	-25	-25	-26	-23	-19	-18	-18	-22	-25
Educ College Degree	-22	-23	-25	-29	-32	-31	-28	-22	-17	-18	-21	-25	-25
Democrat	-18	-20	-23	-24	-24	-24	-21	-15	-9	-10	-15	-20	-23
Independent	-21	-19	-19	-23	-25	-25	-24	-22	-20	-21	-22	-26	-27
Republican	-24	-22	-25	-29	-36	-34	-32	-25	-21	-22	-23	-27	-26

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)

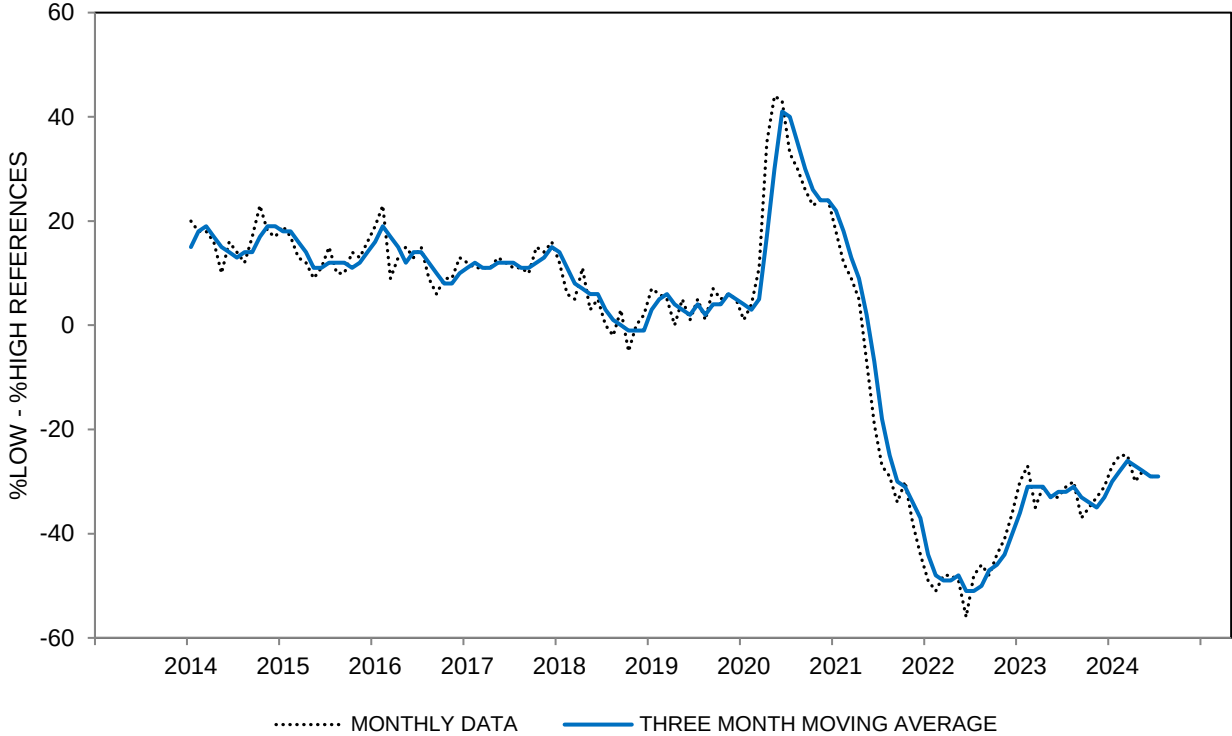


CHART 38A: PRICE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW PRICES - %HIGH PRICES)

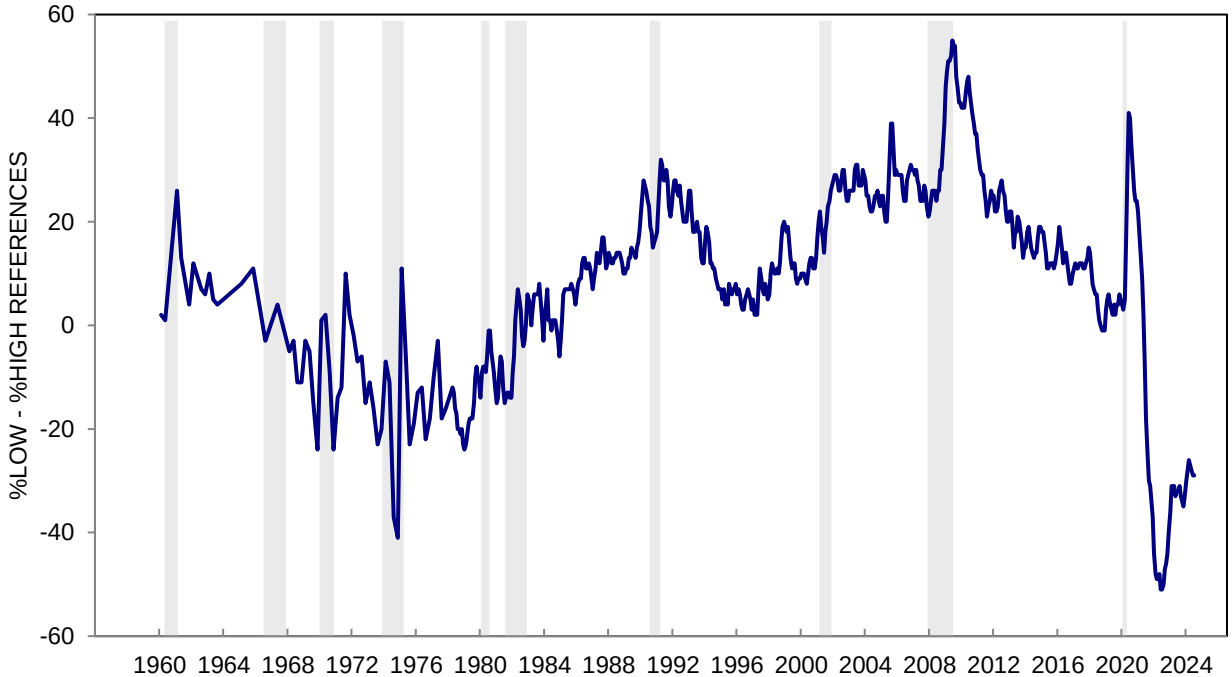


**CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES
(THREE MONTH MOVING AVERAGES)**

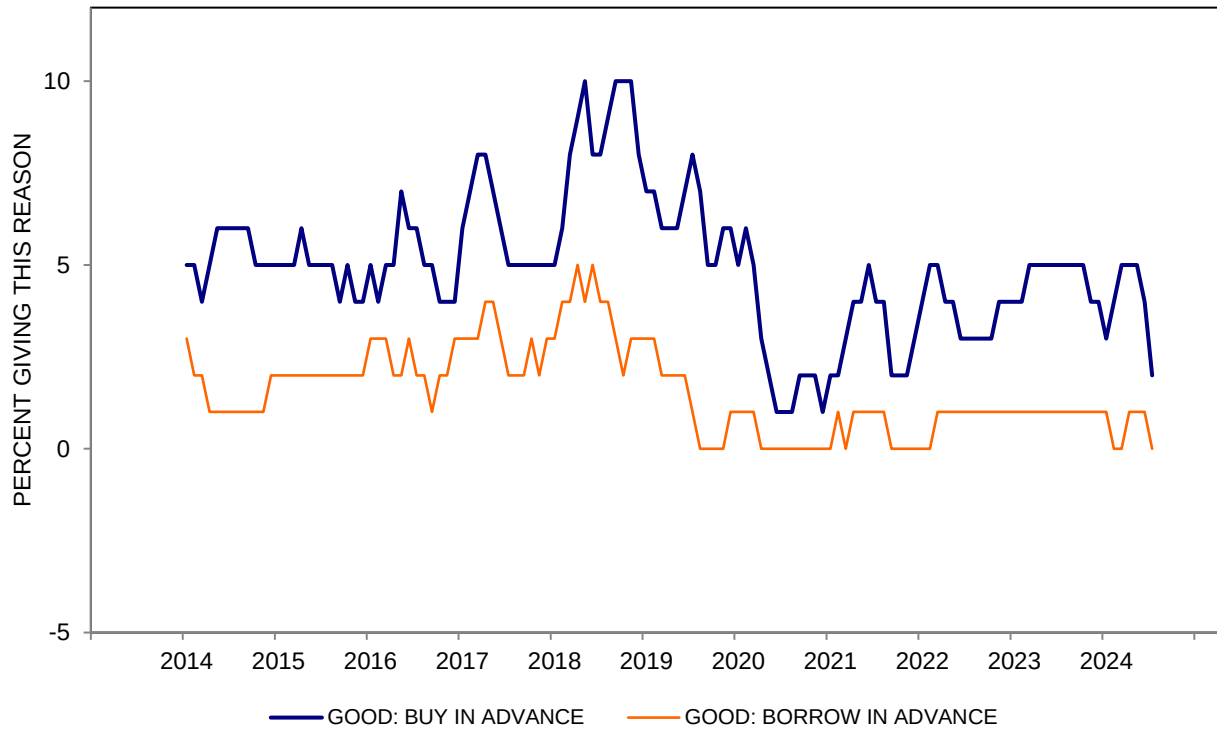


CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES

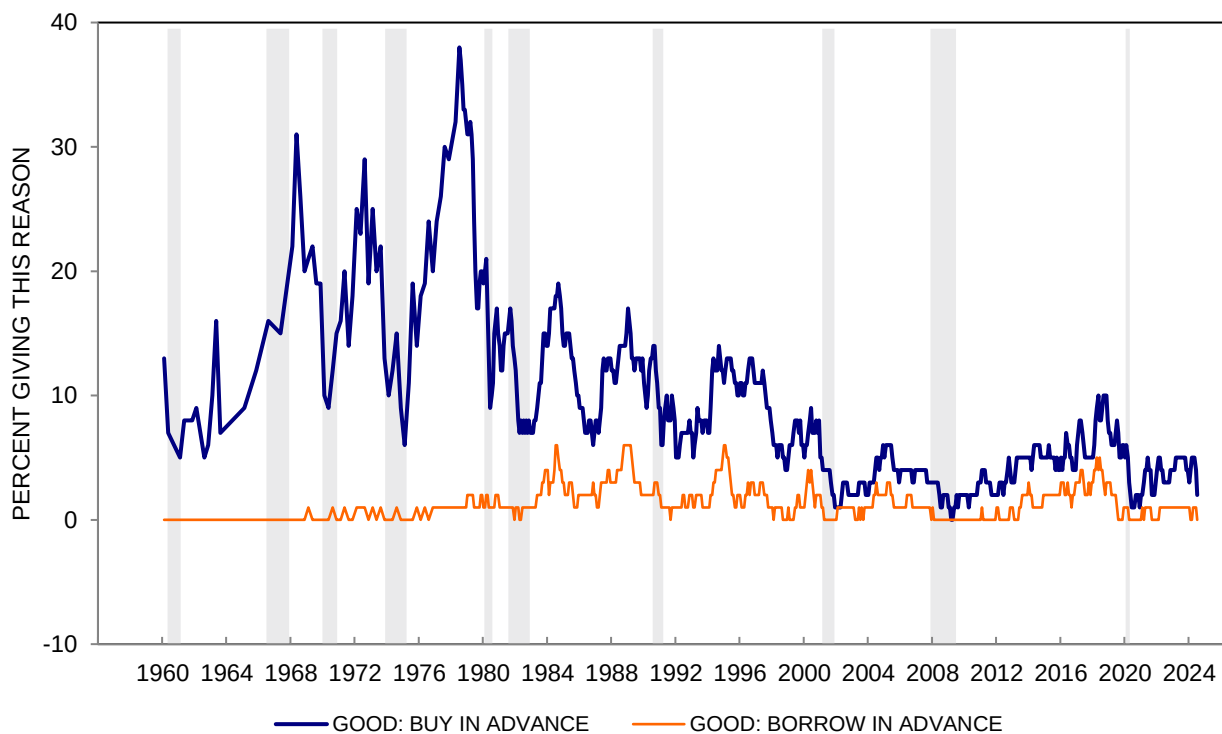


CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

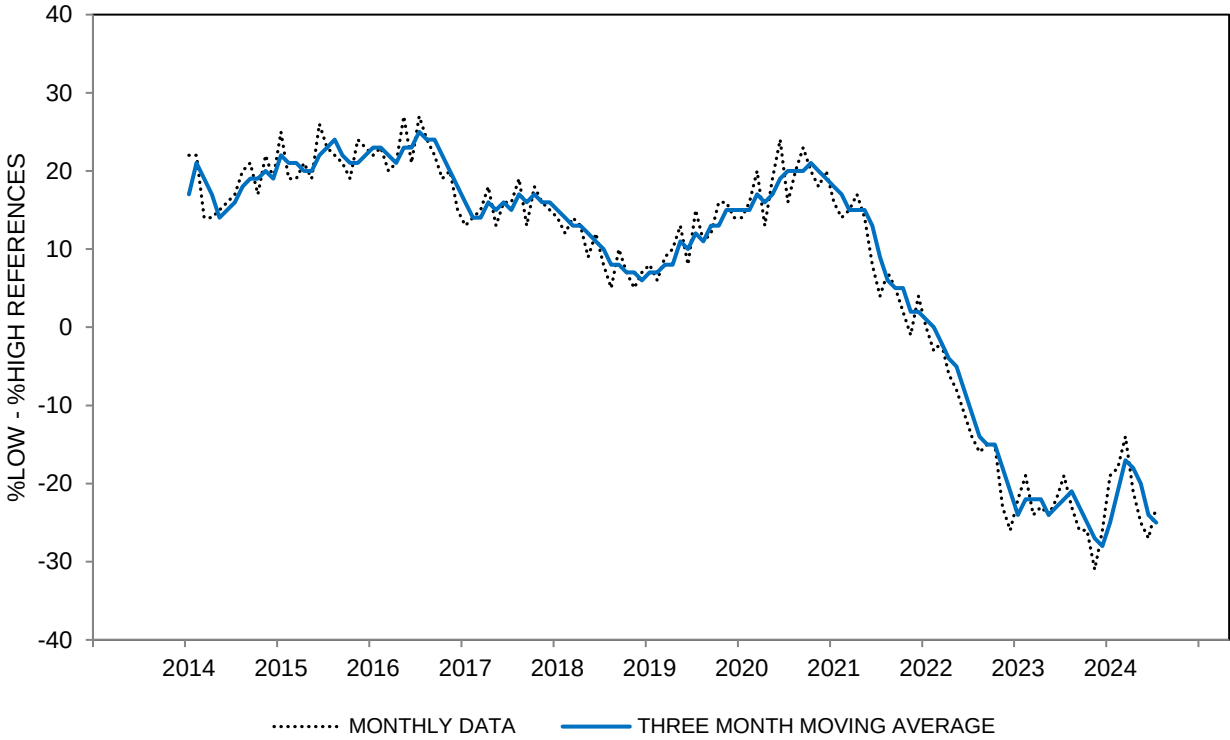


CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

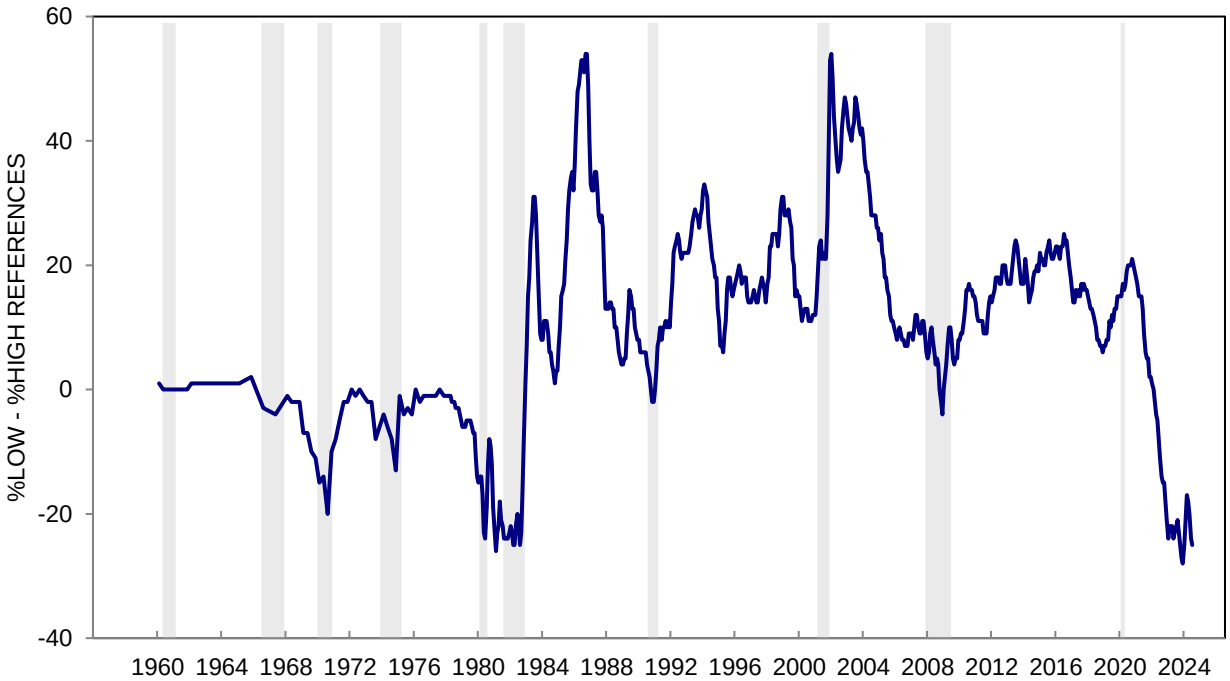


CHART 38D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR VEHICLES
 (%MORE CERTAINTY - %LESS CERTAINTY)

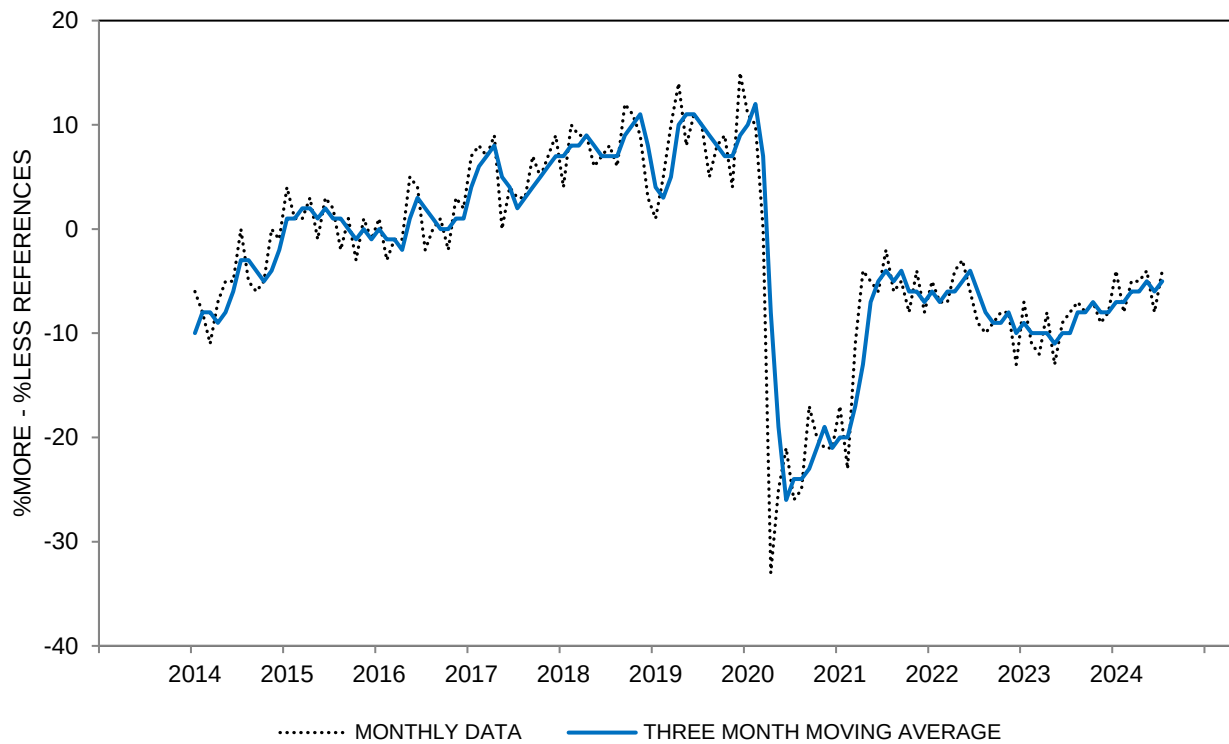
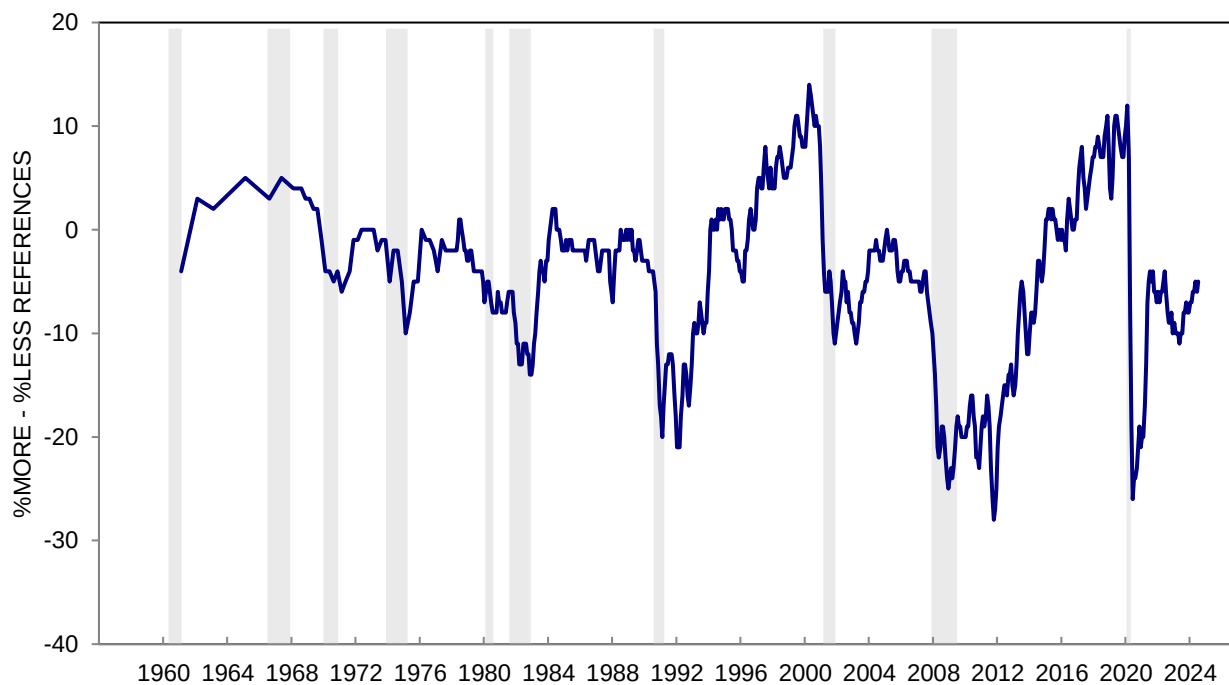


CHART 38D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR VEHICLES
 (%MORE CERTAINTY - %LESS CERTAINTY)



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TABLE 39

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
INCREASE	42%	50%	47%	53%	54%	42%	38%	39%	41%	46%	51%	43%	42%
REMAIN THE SAME	49	41	40	36	37	45	46	47	43	42	37	47	44
DECREASE	9	9	11	10	8	12	15	12	15	9	11	8	12
DK, NA	*	*	2	1	1	1	1	2	1	3	1	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEDIAN INCREASE (¢)	0.3	1.7	0.4	5.3	9.8	0.3	0.3	0.3	0.3	0.4	4.5	0.4	0.3
MEAN INCREASE (¢)	13.6	15.7	16.9	18.6	20.4	14.7	10.9	10.7	10.2	13.3	18.5	14.4	11.1

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

All	0.4	0.8	0.8	2.5	5.2	5.1	3.5	0.3	0.3	0.3	1.7	1.8	1.7
Age 18 to 44	0.3	0.3	0.4	1.2	4.2	4.2	3.4	0.3	0.3	0.3	1.8	1.9	3.4
Age 45 to 64	2.5	2.2	2.2	3.8	6.9	7.0	5.3	0.3	0.3	0.4	0.4	0.5	0.4
Age 65+	0.3	1.8	1.8	5.1	3.6	3.5	0.3	0.2	0.2	0.3	0.4	0.4	0.3
Income Bottom Third	1.4	2.9	5.9	5.7	5.8	2.8	2.0	0.4	0.4	0.5	2.0	1.9	2.7
Income Middle Third	0.4	1.8	1.8	5.0	8.6	8.6	5.3	0.3	0.3	0.4	2.5	2.5	2.4
Income Top Third	0.3	0.3	0.3	2.7	4.4	4.4	2.0	0.2	0.2	0.3	0.3	0.4	0.3
Educ High School or Less	2.2	2.7	2.7	3.6	4.9	4.9	3.4	0.3	0.3	0.3	3.5	4.8	4.8
Educ Some College	3.5	2.8	4.0	8.7	11.3	10.0	5.2	0.3	1.7	1.8	1.9	0.5	0.4
Educ College Degree	0.3	0.3	0.4	0.4	2.1	2.1	2.0	0.3	0.2	0.3	1.4	1.5	1.4
Democrat	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Independent	0.4	0.4	0.4	2.7	6.8	6.8	4.5	0.3	0.3	1.9	3.3	4.4	2.9
Republican	7.7	10.8	12.5	16.4	16.5	11.7	6.9	0.4	0.3	2.0	3.6	5.0	3.3

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

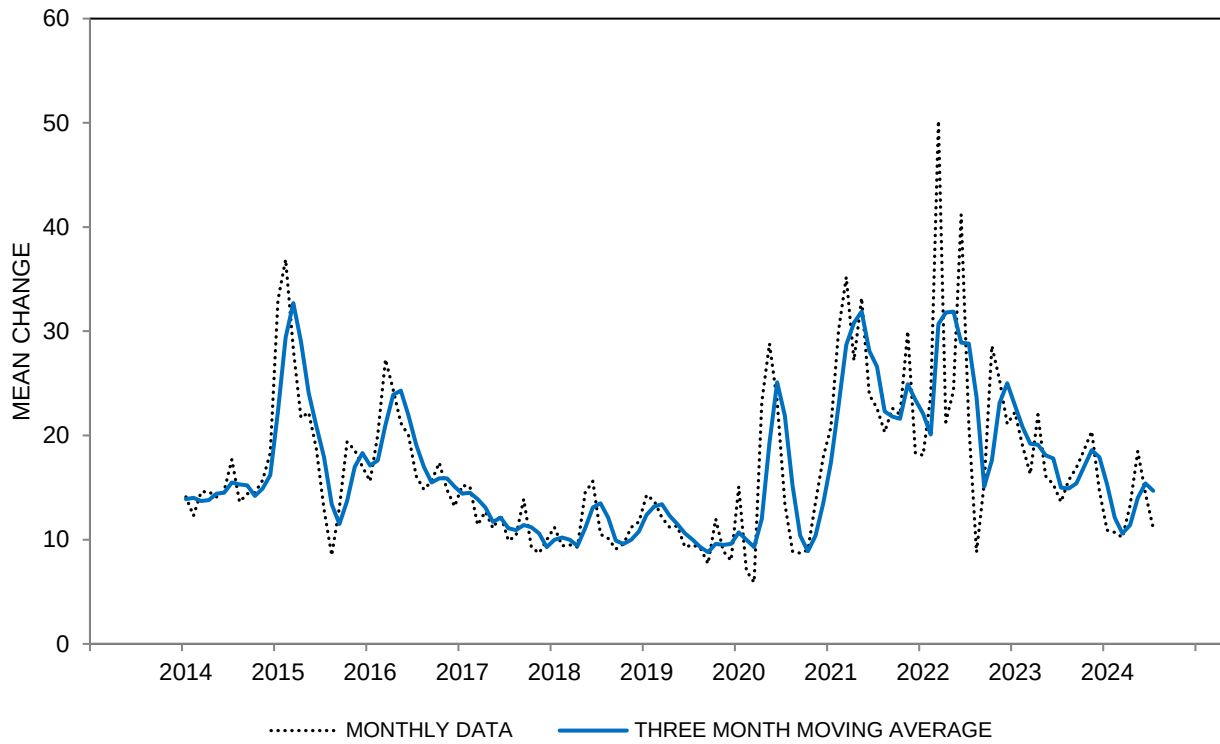


CHART 39: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

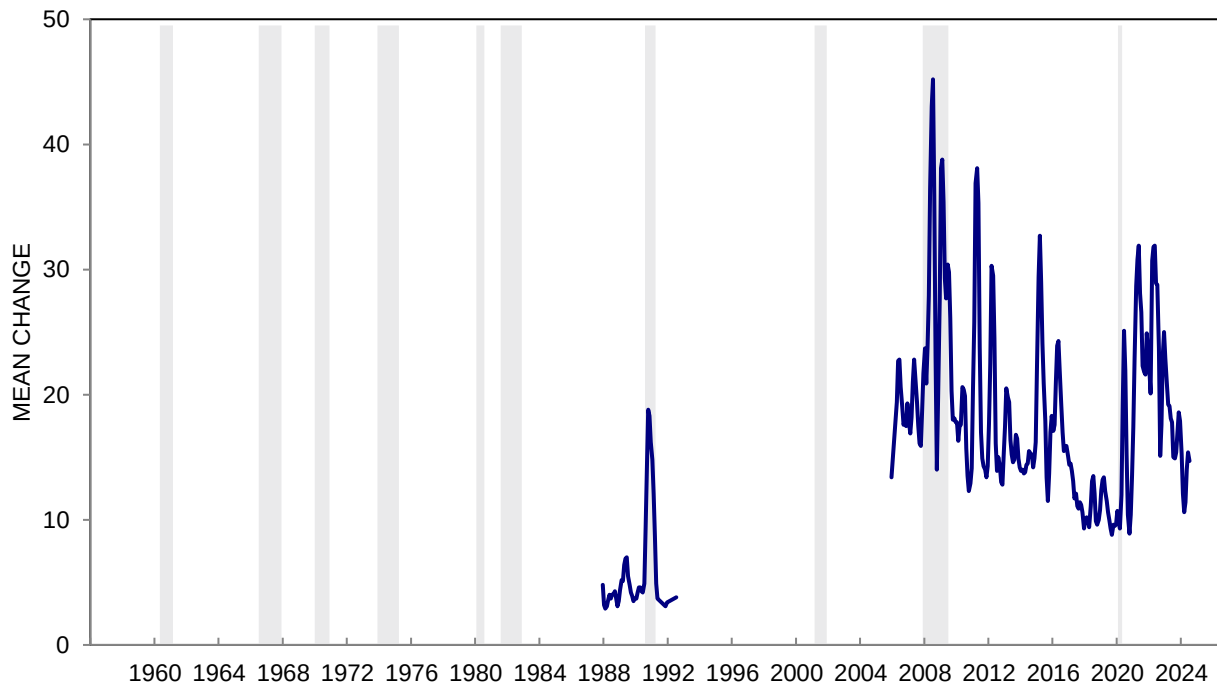


TABLE 40

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
INCREASE	50%	56%	57%	56%	61%	54%	52%	54%	50%	51%	58%	55%	52%
REMAIN THE SAME	35	29	27	26	27	31	32	35	36	32	28	34	36
DECREASE	12	11	13	15	10	12	14	8	13	13	12	9	11
DK, NA	3	4	3	3	2	3	2	3	1	4	2	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
MEDIAN INCREASE (¢)	6.8	19.7	24.9	20.3	34.7	19.8	12.9	11.3	4.9	10.4	20.3	20.1	9.5
MEAN INCREASE (¢)	39.1	47.6	47.0	41.3	51.4	41.6	38.7	43.2	33.8	37.0	38.8	39.8	34.4

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

All	18.7	15.4	17.1	21.6	26.6	24.9	22.5	14.7	9.7	8.9	11.9	16.9	16.6
Age 18 to 44	21.4	11.4	19.7	26.5	38.4	38.5	38.5	27.7	16.1	12.8	18.6	26.9	36.7
Age 45 to 64	14.4	15.8	16.0	18.3	26.5	23.2	18.3	11.8	15.0	20.0	13.4	16.7	10.2
Age 65+	16.8	20.0	15.0	19.2	16.9	8.8	4.7	0.5	0.5	0.5	5.1	5.1	5.1
Income Bottom Third	26.1	21.0	25.1	20.2	20.2	18.4	16.7	14.9	13.4	15.1	15.3	16.9	18.4
Income Middle Third	13.5	10.1	16.9	25.0	30.0	26.4	24.9	16.7	10.2	8.0	11.2	21.2	21.6
Income Top Third	13.5	8.7	3.5	13.4	26.7	30.1	26.8	15.7	9.2	9.0	13.5	14.9	8.5
Educ High School or Less	29.4	21.9	19.1	10.7	11.5	13.3	15.1	12.7	12.1	8.8	12.9	18.4	19.5
Educ Some College	25.8	19.4	21.2	28.6	30.1	28.3	20.1	18.4	16.8	23.2	15.6	15.7	13.3
Educ College Degree	12.0	9.9	13.1	21.6	31.5	29.1	27.4	17.4	11.8	8.5	13.5	18.3	16.1
Democrat	6.6	5.2	5.4	9.7	9.7	9.6	8.4	9.9	6.7	3.6	6.8	9.0	9.0
Independent	25.2	18.5	21.2	26.2	34.4	34.9	33.9	29.1	24.0	21.8	21.6	24.8	28.1
Republican	26.7	26.7	26.6	26.5	33.0	24.7	18.3	5.0	3.5	8.2	8.5	16.8	12.0

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

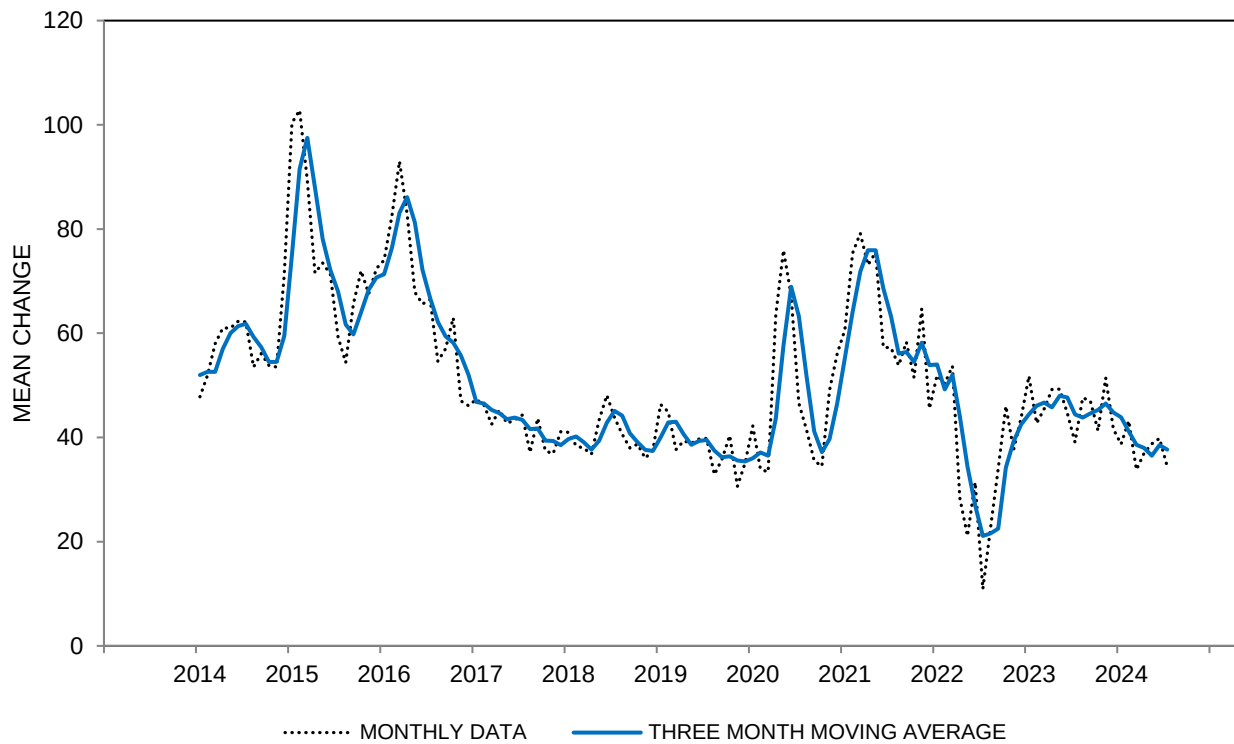


CHART 40: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

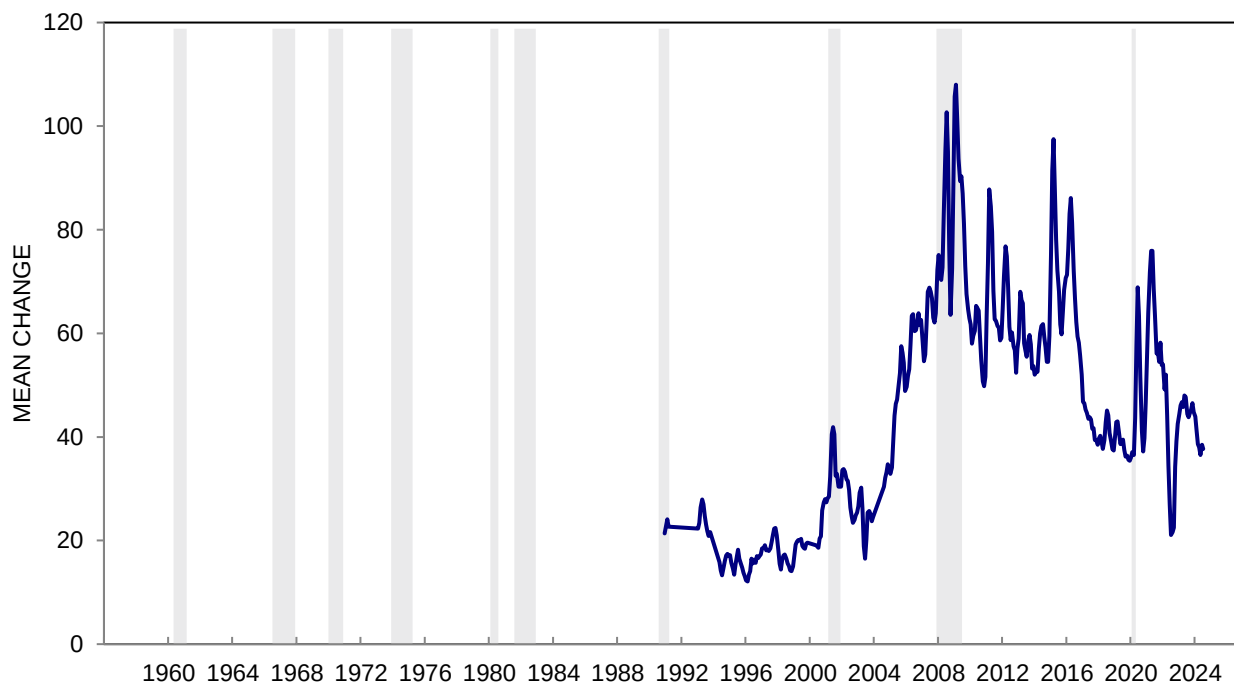


TABLE 41

BUYING CONDITIONS FOR HOUSES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO BUY	24%	23%	20%	21%	16%	16%	22%	22%	24%	23%	13%	12%	12%
UNCERTAIN, DEPENDS	1	1	2	2	2	2	1	2	2	1	2	2	1
BAD TIME TO BUY	75	76	78	77	82	82	77	76	74	76	85	86	87
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	49	47	42	44	34	34	45	46	50	47	28	26	25

BUYING CONDITIONS FOR HOUSES - INDEX SCORE
THREE MONTH MOVING AVERAGES

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

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

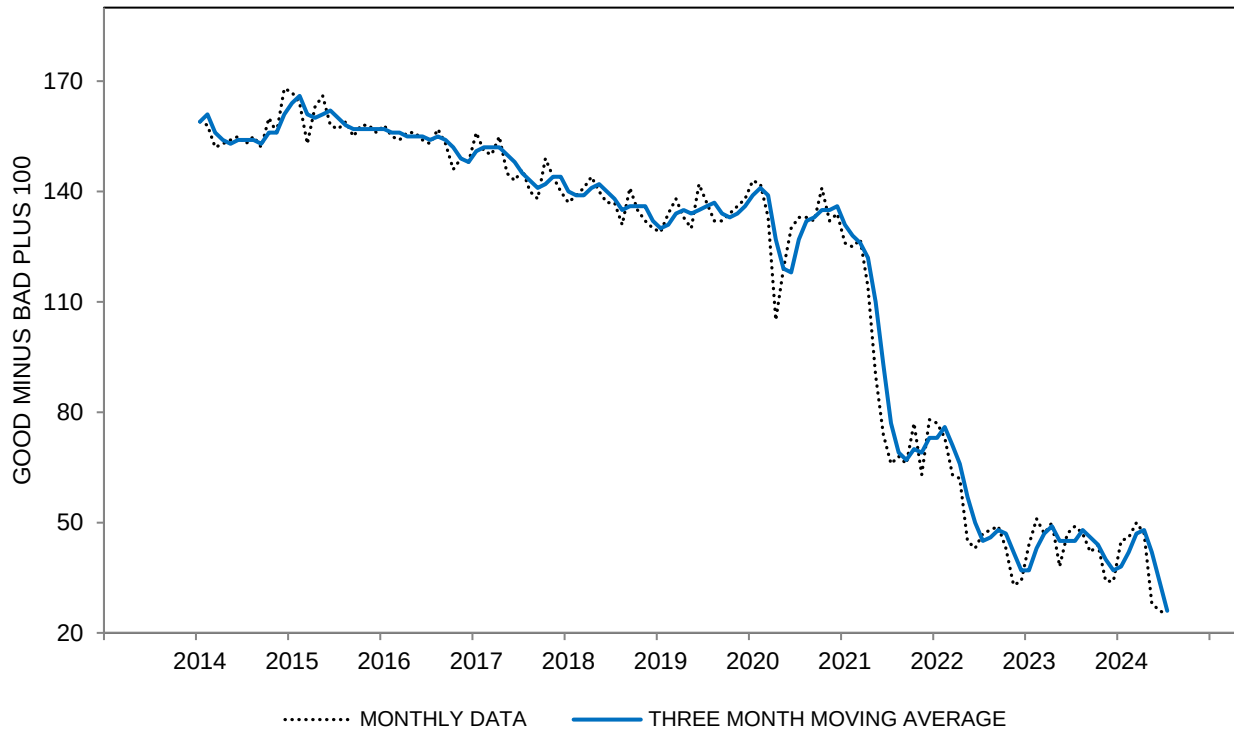


CHART 41: BUYING CONDITIONS FOR HOUSES

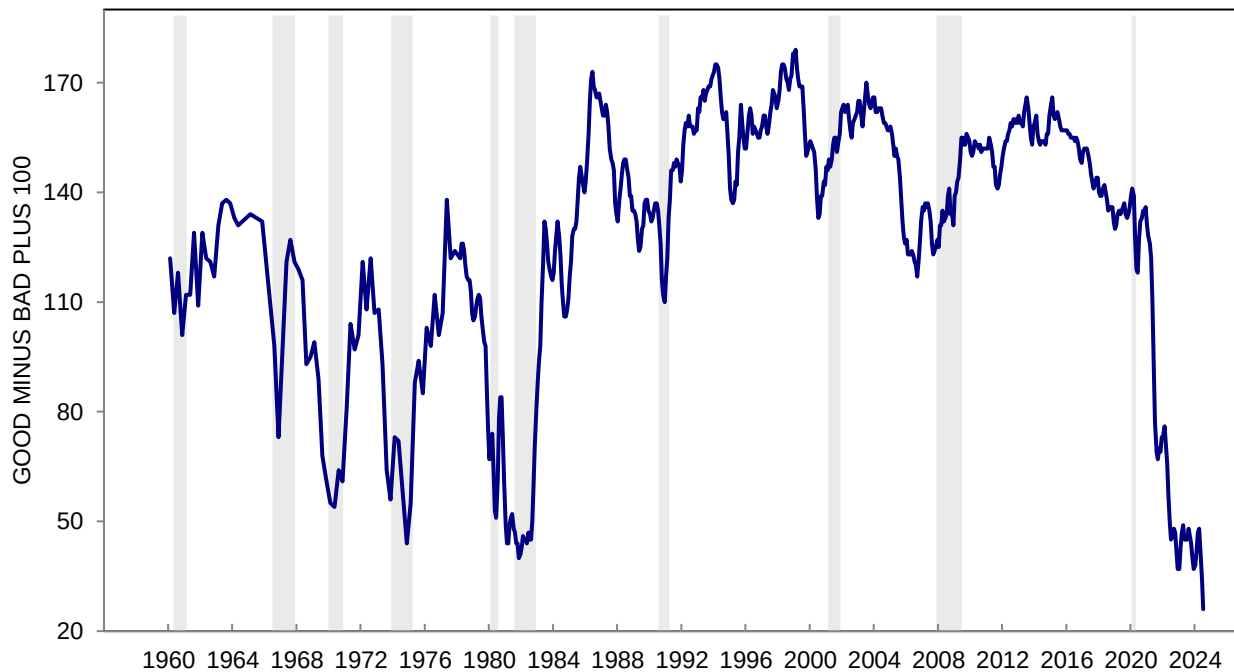


TABLE 42
SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR HOUSES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO BUY													
Prices are low; good buys available	7%	6%	5%	4%	3%	4%	6%	6%	5%	5%	3%	3%	3%
Prices won't come down; are going higher	7	7	6	7	6	5	4	7	9	6	4	3	2
Interest rates are low	4	2	3	3	3	3	6	7	5	5	2	4	3
Borrow-in-advance of rising interest rates	4	3	3	4	3	2	2	2	1	2	1	1	1
Times are good; prosperity	3	4	2	2	1	1	3	2	2	3	1	1	*
Capital appreciation; good investment	7	6	6	6	5	5	6	5	7	5	4	3	3
BAD TIME TO BUY													
Prices are high	51	53	54	50	55	57	51	51	54	54	57	55	54
Interest rates are high; credit is tight	51	57	61	62	68	64	59	61	56	57	64	65	58
Times are bad; can't afford to buy	11	11	10	12	11	10	9	11	14	9	9	9	9
Bad times ahead; uncertain future	3	3	2	2	4	3	2	3	3	2	2	2	2
Capital depreciation; bad investment	1	1	*	1	1	1	1	*	1	1	*	*	1

SELECTED REASONS FOR OPINIONS ABOUT HOME BUYING CONDITIONS

PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)

All	-46	-46	-47	-47	-49	-50	-50	-48	-46	-48	-51	-52	-52
Age 18 to 44	-54	-53	-55	-58	-60	-60	-58	-54	-51	-51	-56	-57	-58
Age 45 to 64	-44	-46	-48	-47	-49	-50	-49	-46	-46	-48	-51	-53	-53
Age 65+	-38	-37	-38	-35	-37	-39	-42	-42	-41	-42	-43	-44	-45
Income Bottom Third	-46	-46	-50	-50	-51	-52	-51	-49	-48	-48	-50	-50	-51
Income Middle Third	-48	-45	-48	-46	-48	-49	-48	-46	-44	-45	-49	-51	-53
Income Top Third	-46	-48	-45	-48	-50	-52	-52	-47	-47	-48	-51	-53	-53
Educ High School or Less	-43	-43	-43	-47	-49	-51	-47	-46	-46	-50	-53	-53	-51
Educ Some College	-48	-49	-52	-50	-49	-48	-46	-47	-45	-47	-50	-53	-54
Educ College Degree	-47	-46	-47	-48	-50	-51	-53	-49	-47	-46	-50	-50	-52
Democrat	-46	-46	-45	-44	-46	-48	-49	-43	-41	-40	-47	-48	-50
Independent	-44	-46	-47	-49	-51	-54	-54	-52	-50	-51	-52	-53	-54
Republican	-50	-50	-54	-53	-52	-47	-45	-46	-49	-51	-53	-53	-53

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

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

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)

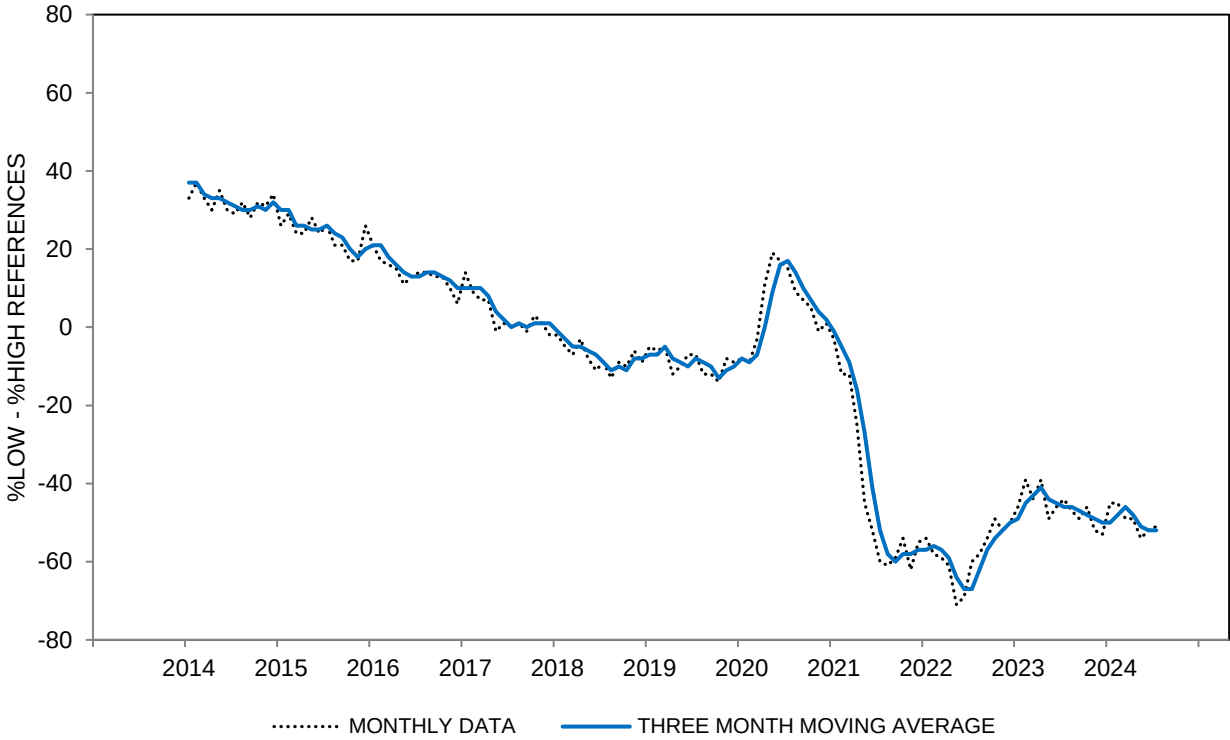


CHART 42A: PRICE REASONS FOR BUYING CONDITIONS FOR HOUSES
(%LOW PRICES - %HIGH PRICES)

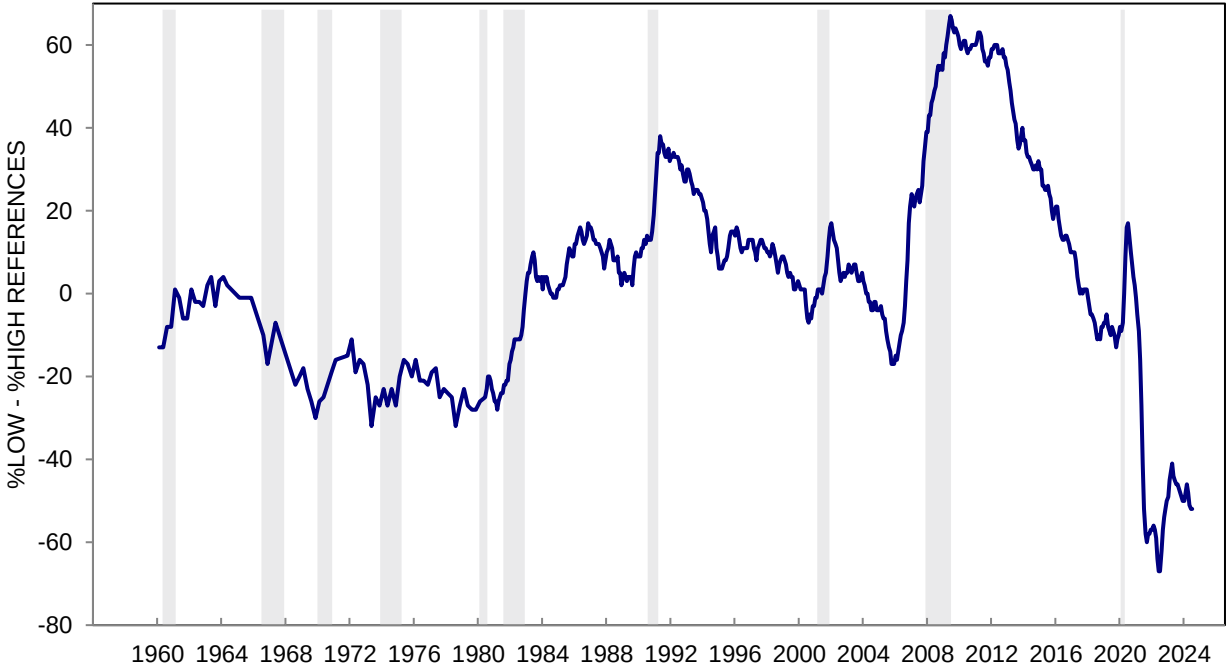


**CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES
(THREE MONTH MOVING AVERAGES)**

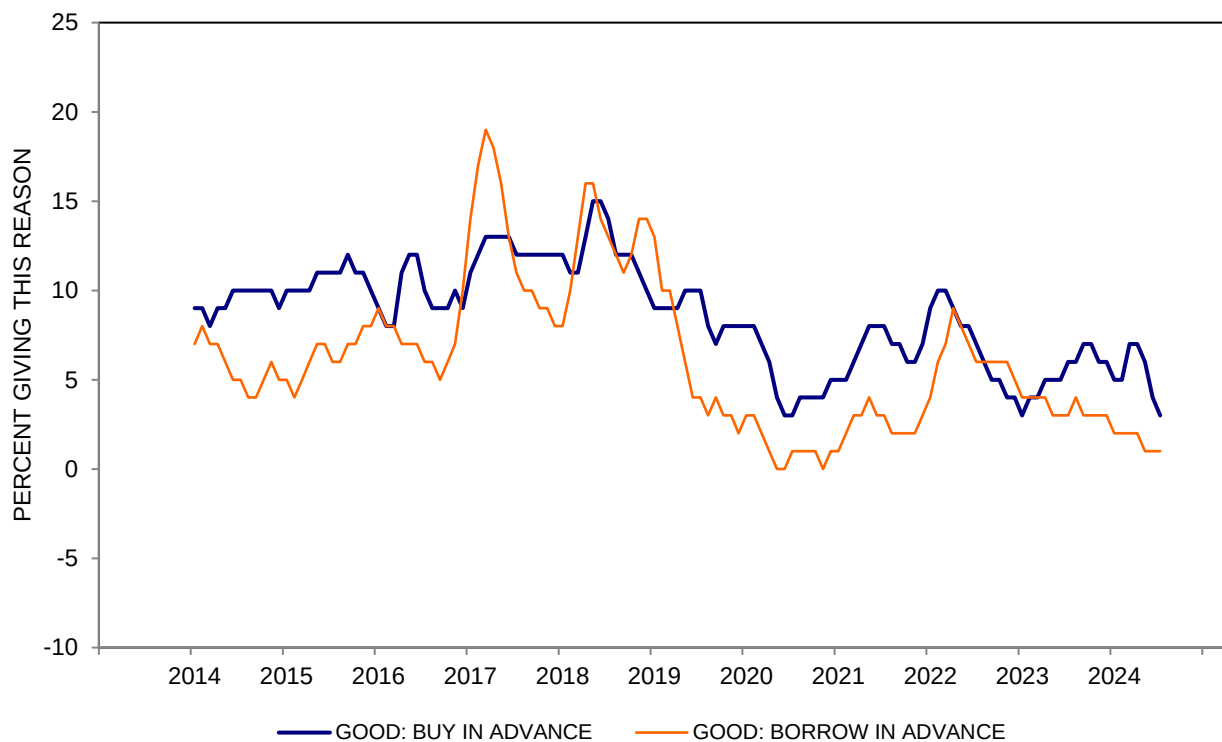


CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES

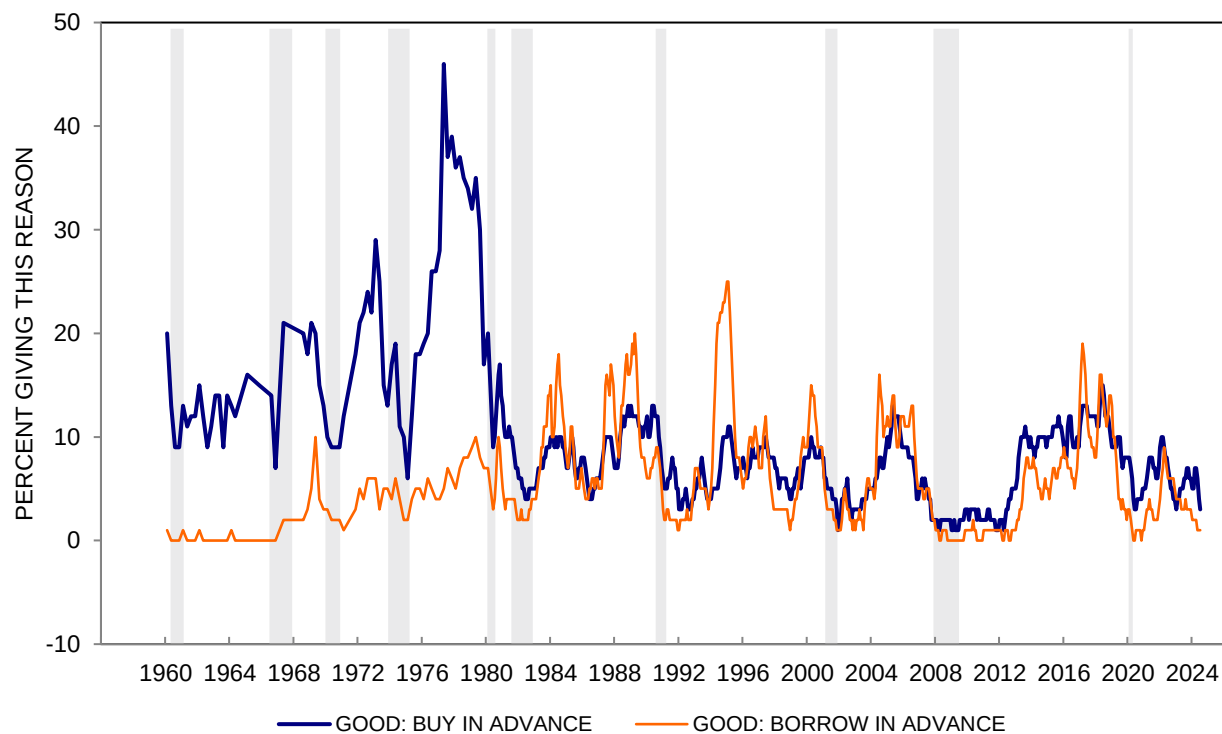


CHART 42C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR HOUSES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)

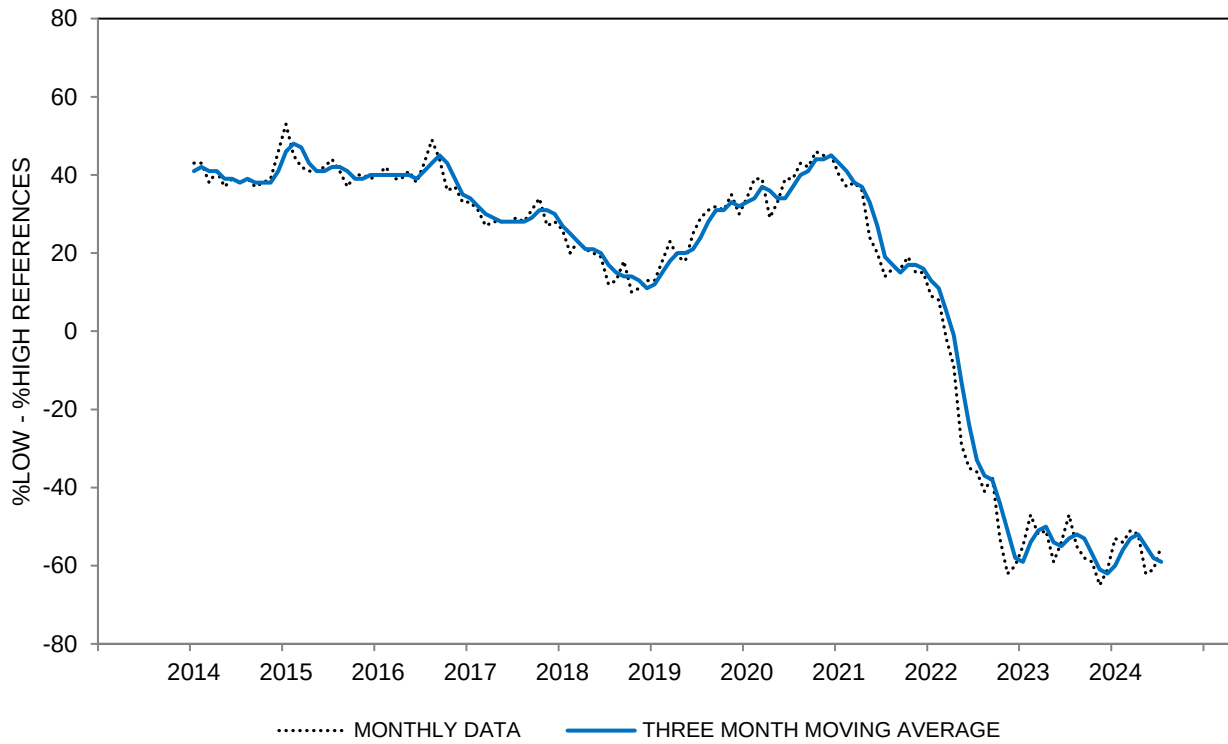


CHART 42C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR HOUSES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)

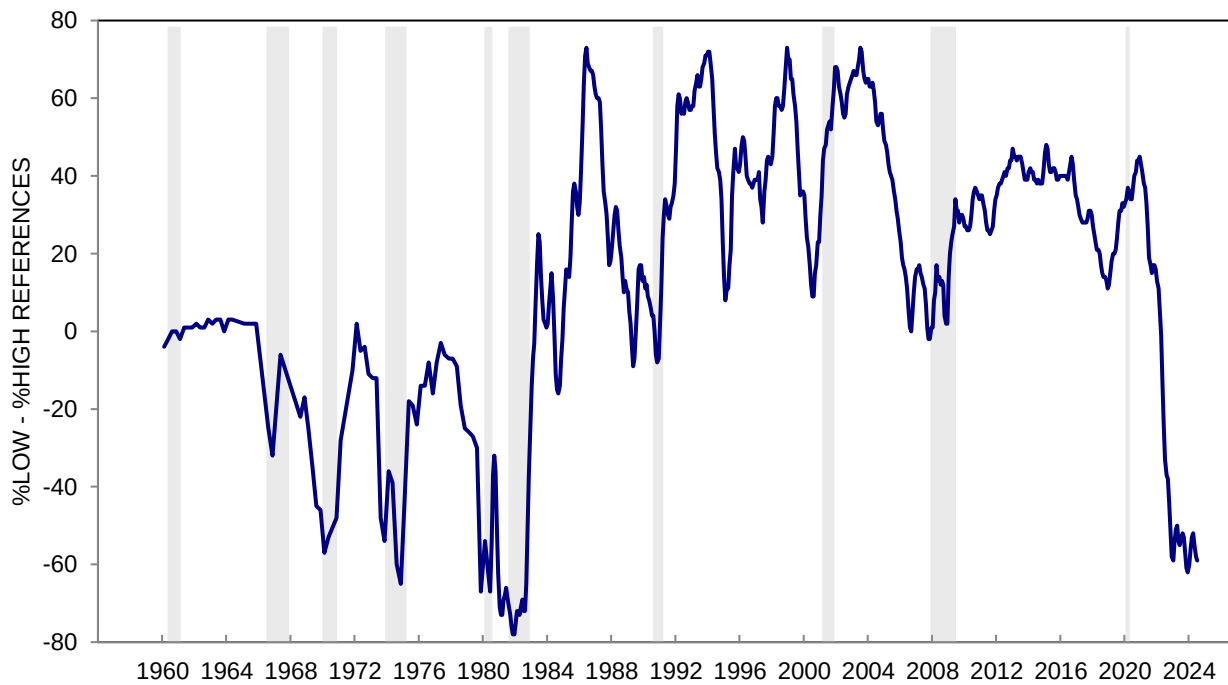


CHART 42D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR HOUSES
 (%MORE CERTAINTY - %LESS CERTAINTY)

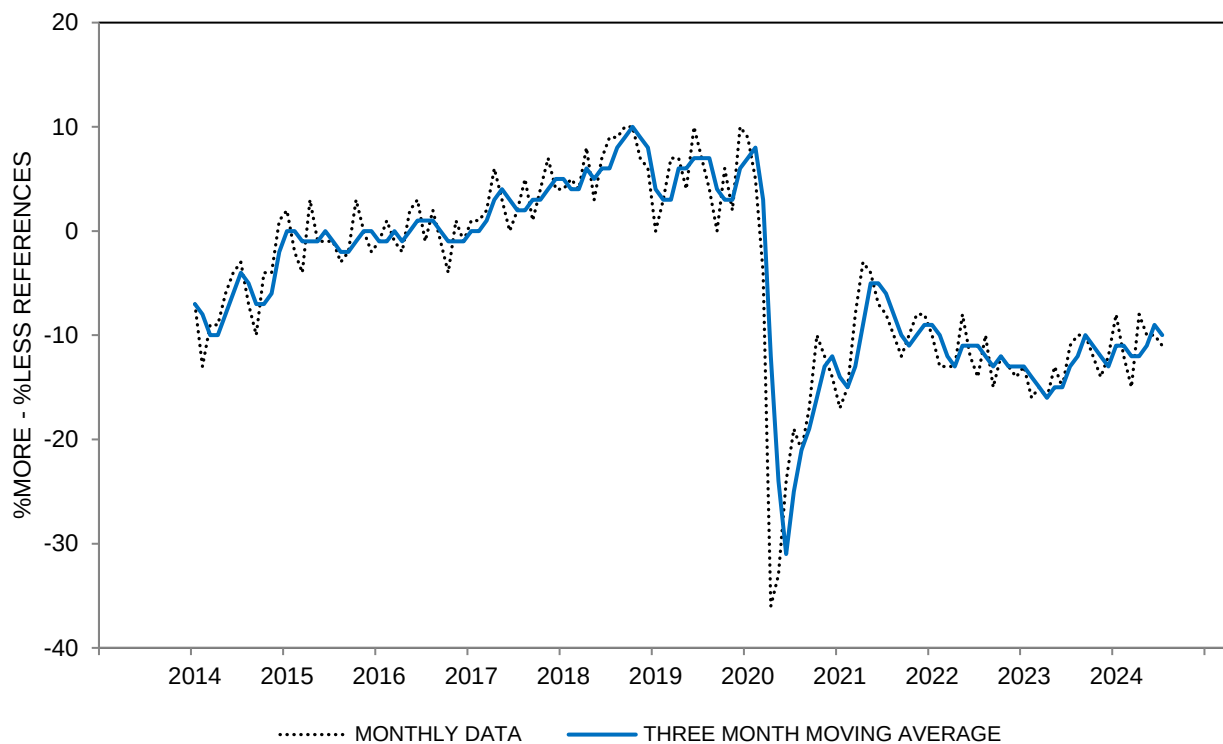


CHART 42D: ECONOMIC CERTAINTY REASONS FOR BUYING CONDITIONS FOR HOUSES
 (%MORE CERTAINTY - %LESS CERTAINTY)

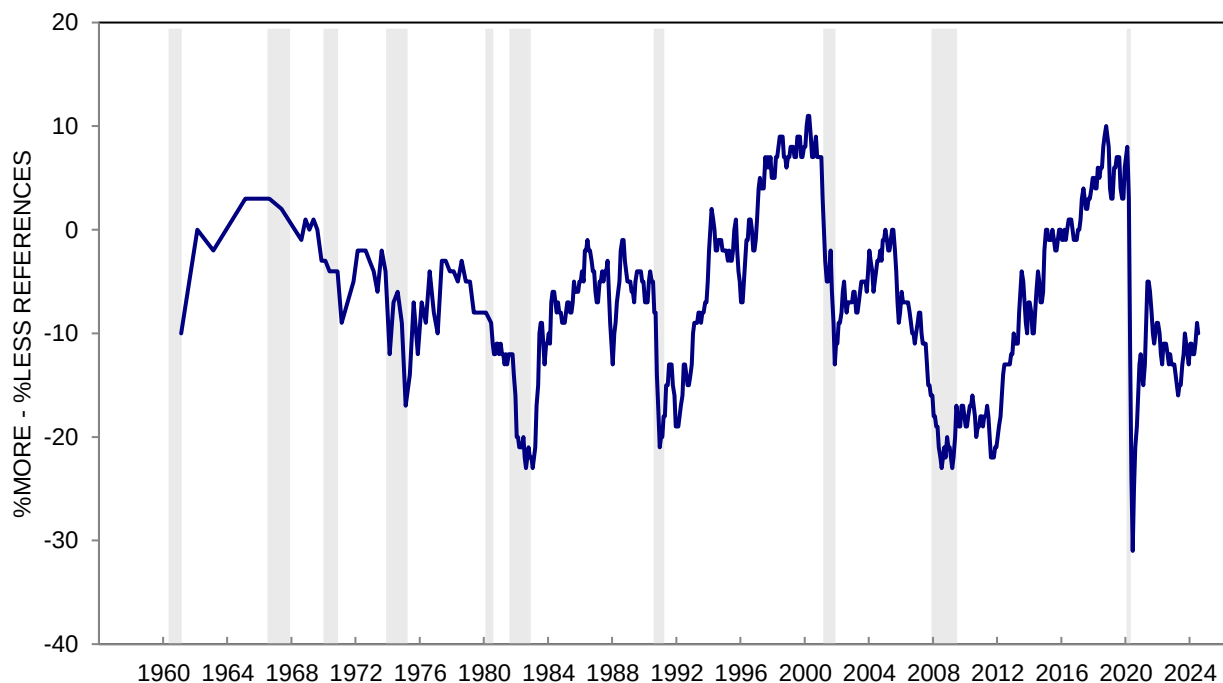


CHART 42E: CAPITAL GAIN REASONS FOR BUYING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

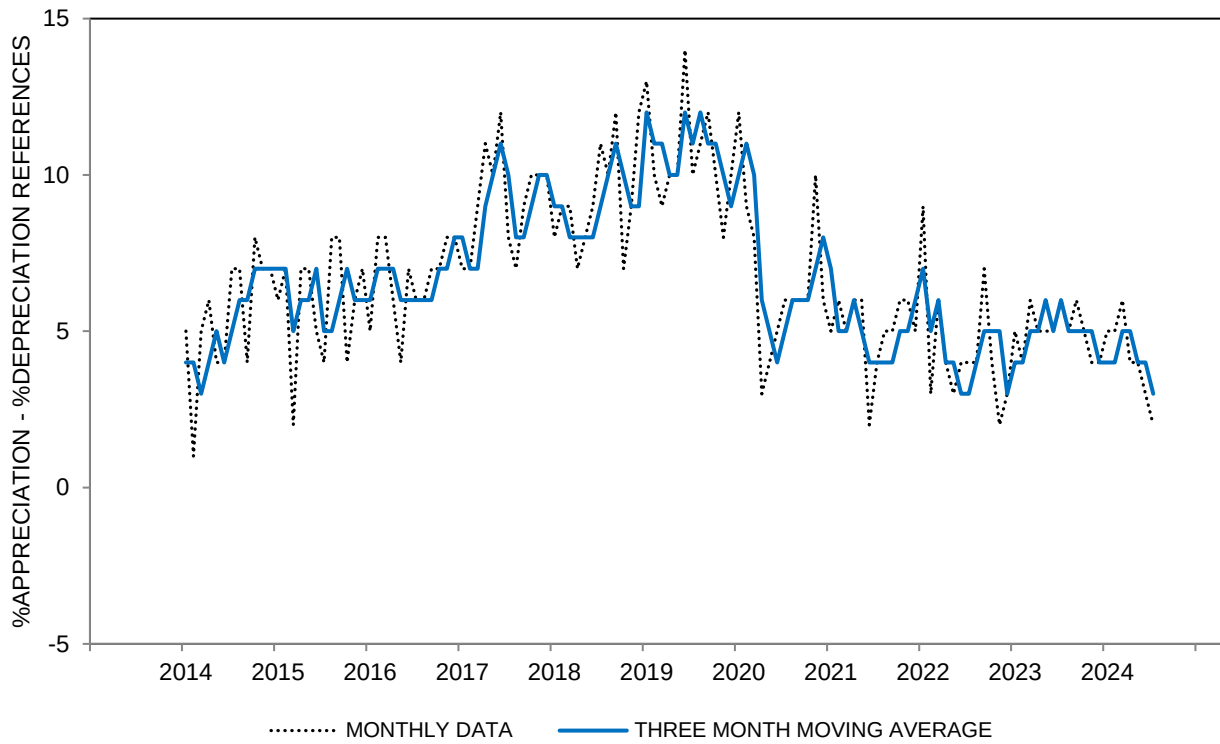


CHART 42E: CAPITAL GAIN REASONS FOR BUYING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

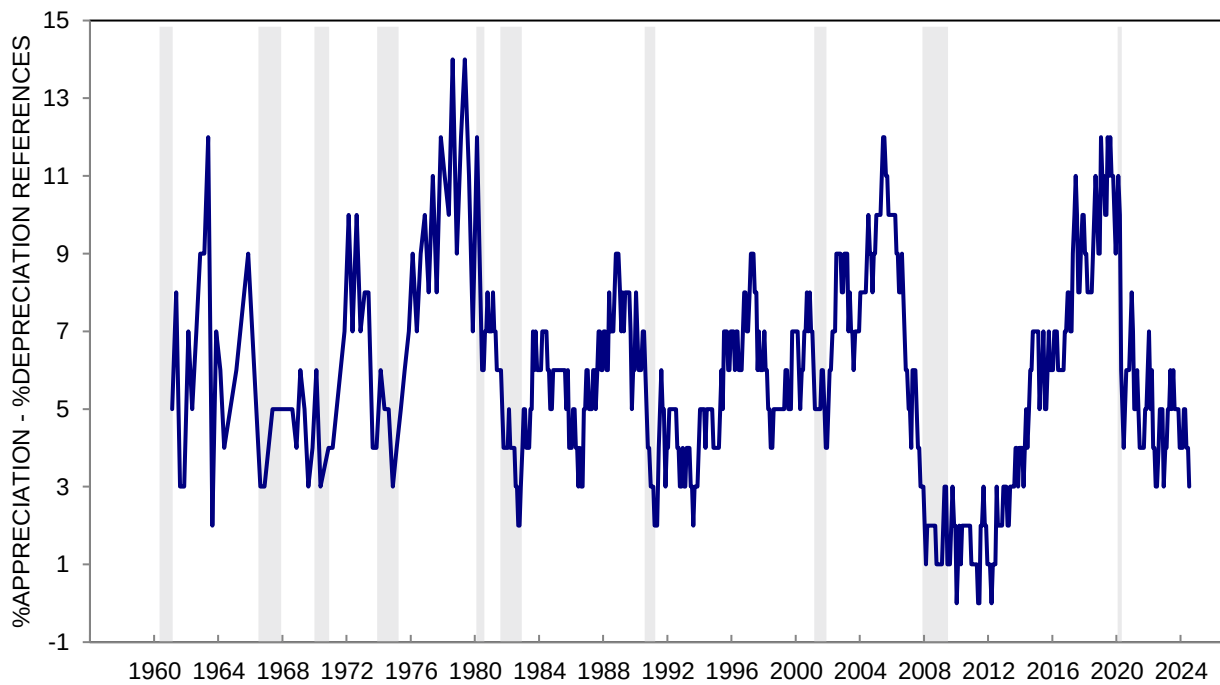


TABLE 43

SELLING CONDITIONS FOR HOUSES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO SELL	59%	61%	61%	56%	52%	54%	57%	56%	61%	61%	62%	57%	57%
UNCERTAIN, DEPENDS	4	4	4	3	3	4	3	5	3	3	3	5	3
BAD TIME TO SELL	37	35	35	41	45	42	40	39	36	36	35	38	40
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	604	602	605	600	600	601	602	602	801	991	961	862
INDEX SCORE	122	126	126	115	107	112	117	117	125	125	127	119	117

SELLING CONDITIONS FOR HOUSES - INDEX SCORE
THREE MONTH MOVING AVERAGES

All	120	124	125	122	116	111	112	115	120	122	126	124	121
Age 18 to 44	126	129	127	130	122	118	119	121	122	122	127	128	124
Age 45 to 64	120	127	129	119	110	105	106	111	115	120	125	124	123
Age 65+	112	115	117	116	113	109	109	113	122	126	124	119	116
Income Bottom Third	119	118	115	115	115	114	113	115	114	118	123	123	120
Income Middle Third	119	123	128	126	115	108	112	119	122	121	124	124	118
Income Top Third	125	133	132	126	117	112	112	114	123	128	130	124	124
Educ High School or Less	110	114	115	113	111	108	110	109	107	116	113	117	105
Educ Some College	120	128	127	127	121	117	113	114	119	119	123	122	121
Educ College Degree	125	127	128	124	117	111	114	120	126	128	132	127	125
Democrat	124	128	130	125	118	117	119	125	129	132	137	136	130
Independent	119	121	121	122	119	113	113	115	118	119	124	123	123
Republican	118	127	128	123	111	104	101	107	113	120	118	113	110

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

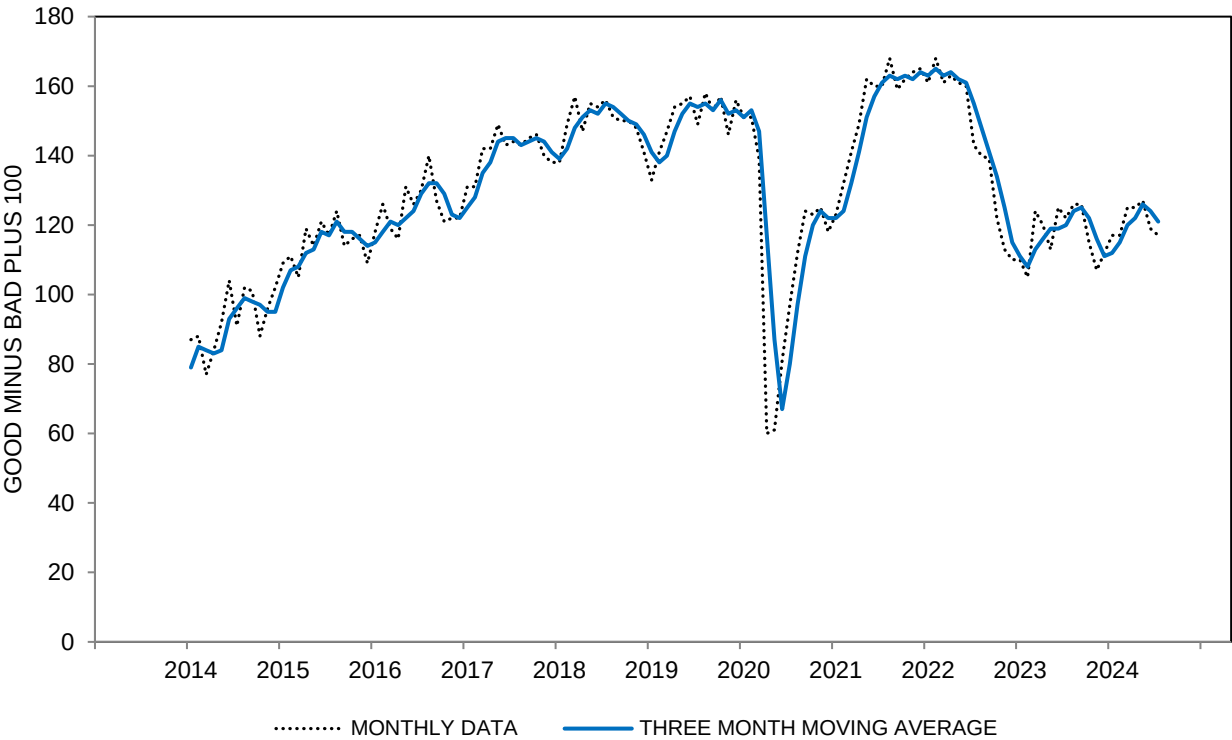


CHART 43: SELLING CONDITIONS FOR HOUSES

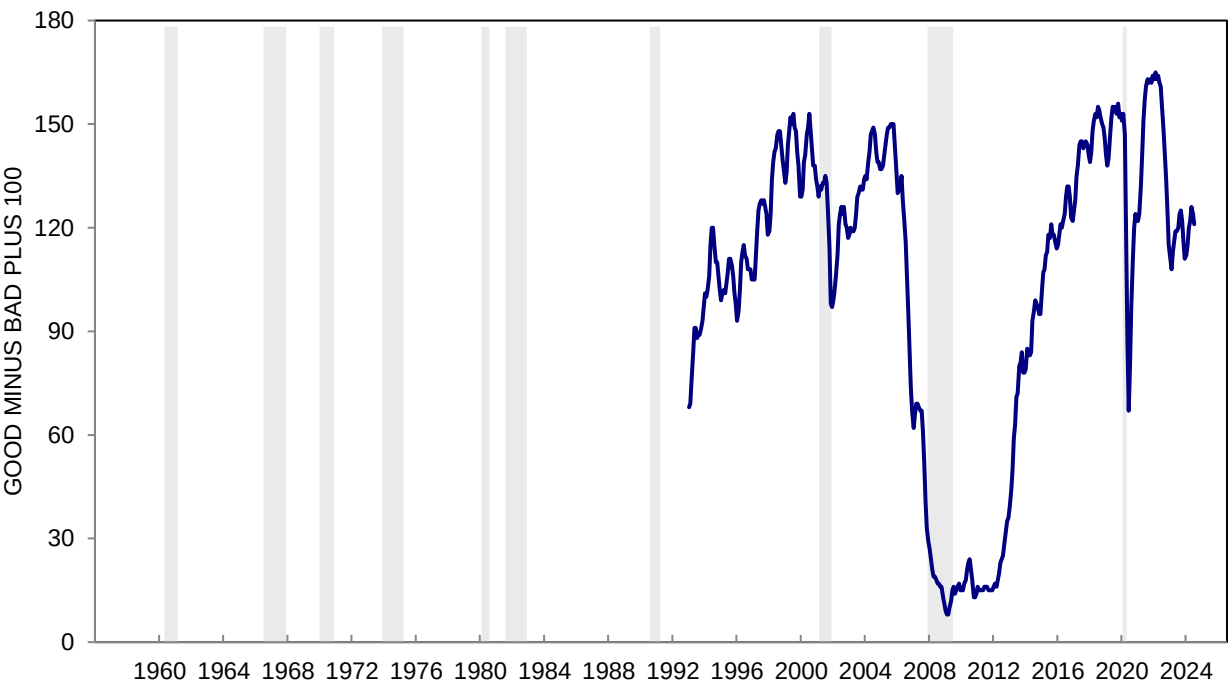


TABLE 44
SELECTED REASONS FOR OPINIONS ABOUT SELLING CONDITIONS FOR HOUSES

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
GOOD TIME TO SELL													
Prices are high; good sales available	46%	43%	43%	38%	37%	43%	42%	41%	43%	46%	47%	45%	43%
Prices won't go up; are going lower	3	3	4	4	3	4	2	2	4	2	2	2	2
Interest rates are low credit is easy	1	2	1	1	2	2	2	2	2	2	*	1	1
Sell-in-advance of rising interest rates	1	1	2	2	1	*	*	*	*	1	*	*	*
Times are good; prosperity	11	11	9	11	8	8	10	11	10	9	8	4	4
Capital appreciation; would make money	8	7	10	8	9	6	8	8	8	8	6	5	5
BAD TIME TO SELL													
Prices are low	14	11	10	12	14	13	8	12	9	10	7	7	4
Interest rates are high; credit is tight	16	18	20	24	26	23	21	20	18	15	18	18	19
Times are bad; can't afford to buy	13	10	11	15	15	13	14	14	14	12	11	12	12
Bad times ahead; uncertain future	1	1	2	1	1	2	2	2	2	1	2	1	*
Capital depreciation; would lose money	1	1	1	1	1	2	1	1	1	*	*	1	*

SELECTED REASONS FOR OPINIONS ABOUT HOME SELLING CONDITIONS

PRICES HIGH - PRICES LOW (THREE MONTH MOVING AVERAGES)

All	31	33	32	30	27	26	29	31	32	33	37	38	39
Age 18 to 44	36	35	33	33	31	30	33	33	32	31	37	40	41
Age 45 to 64	32	36	38	34	29	25	28	31	33	34	36	38	39
Age 65+	23	26	24	23	22	24	26	28	32	35	37	37	38
Income Bottom Third	26	26	25	24	24	24	27	28	25	26	30	35	36
Income Middle Third	32	33	35	33	27	25	29	33	36	36	37	39	38
Income Top Third	36	40	38	34	31	31	32	31	34	37	43	42	41
Educ High School or Less	22	22	20	23	25	26	25	24	21	26	27	32	31
Educ Some College	30	36	37	35	29	27	28	29	31	30	35	38	40
Educ College Degree	36	36	35	31	28	27	31	35	37	38	42	41	41
Democrat	32	34	35	32	27	27	30	33	36	38	43	43	42
Independent	31	30	28	27	29	27	31	31	31	32	35	39	41
Republican	32	37	38	36	29	26	25	28	29	32	34	35	35

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

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

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)**

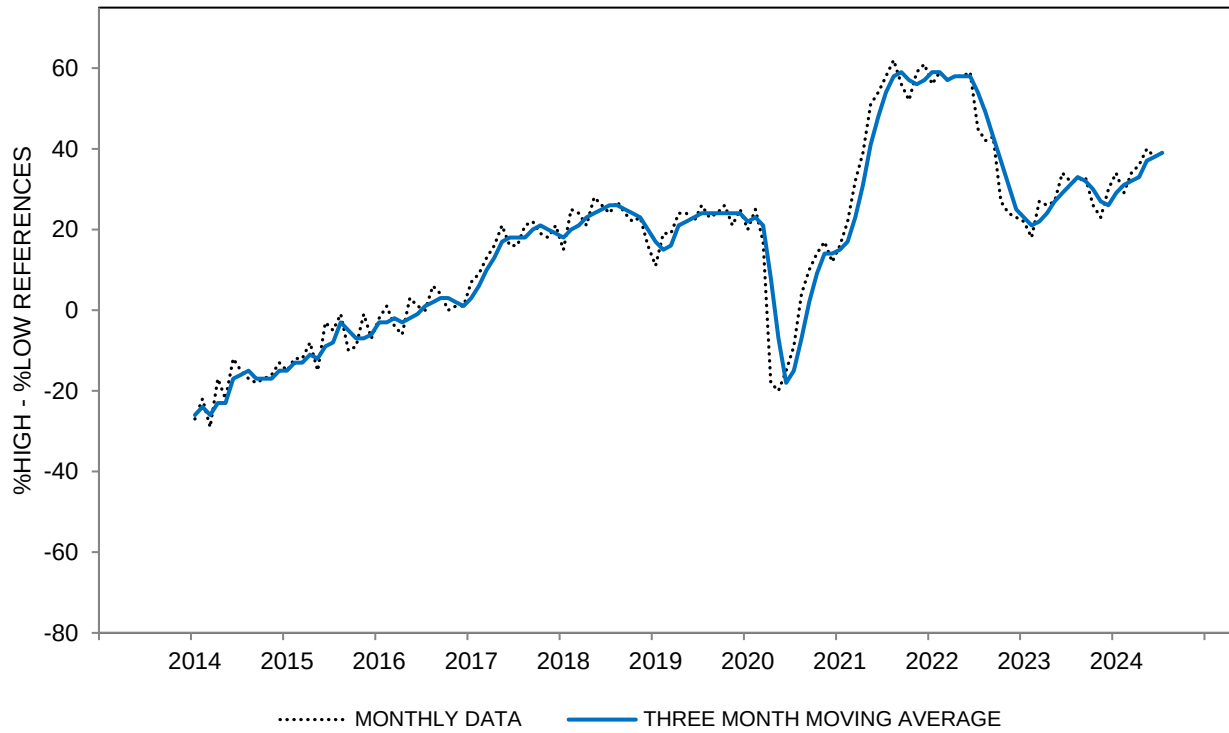


**CHART 44A: PRICE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%HIGH PRICES - %LOW PRICES)**

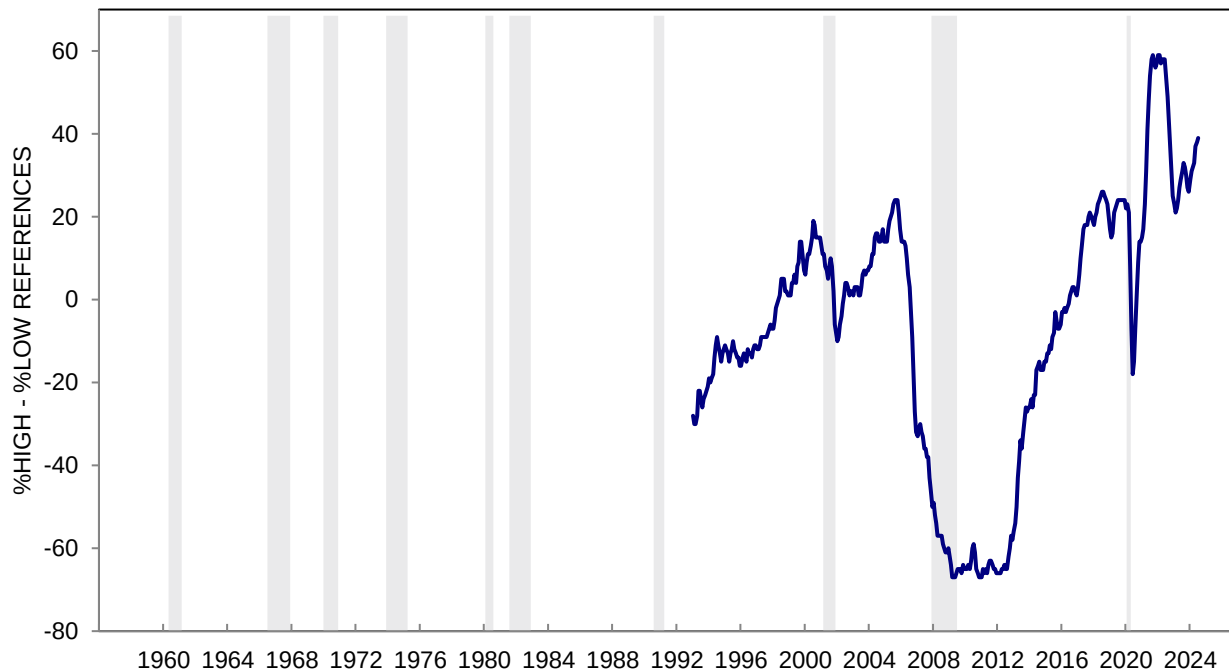


**CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES
(THREE MONTH MOVING AVERAGES)**

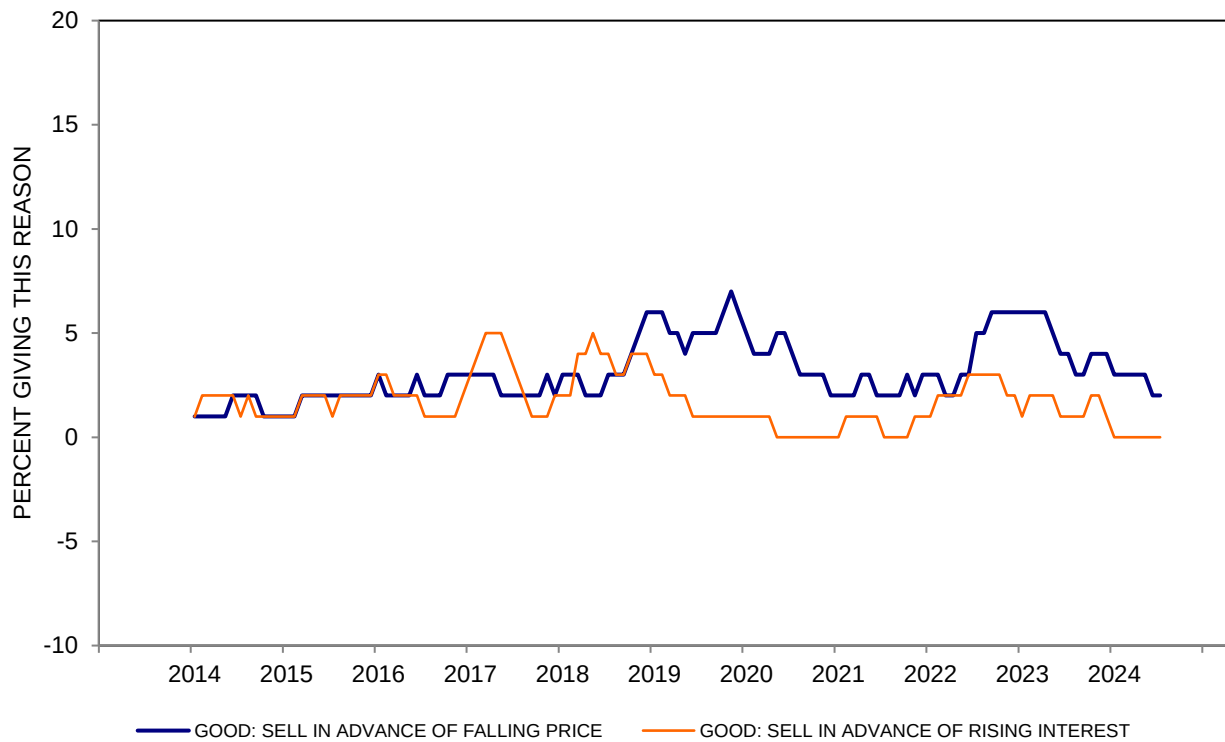


CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES

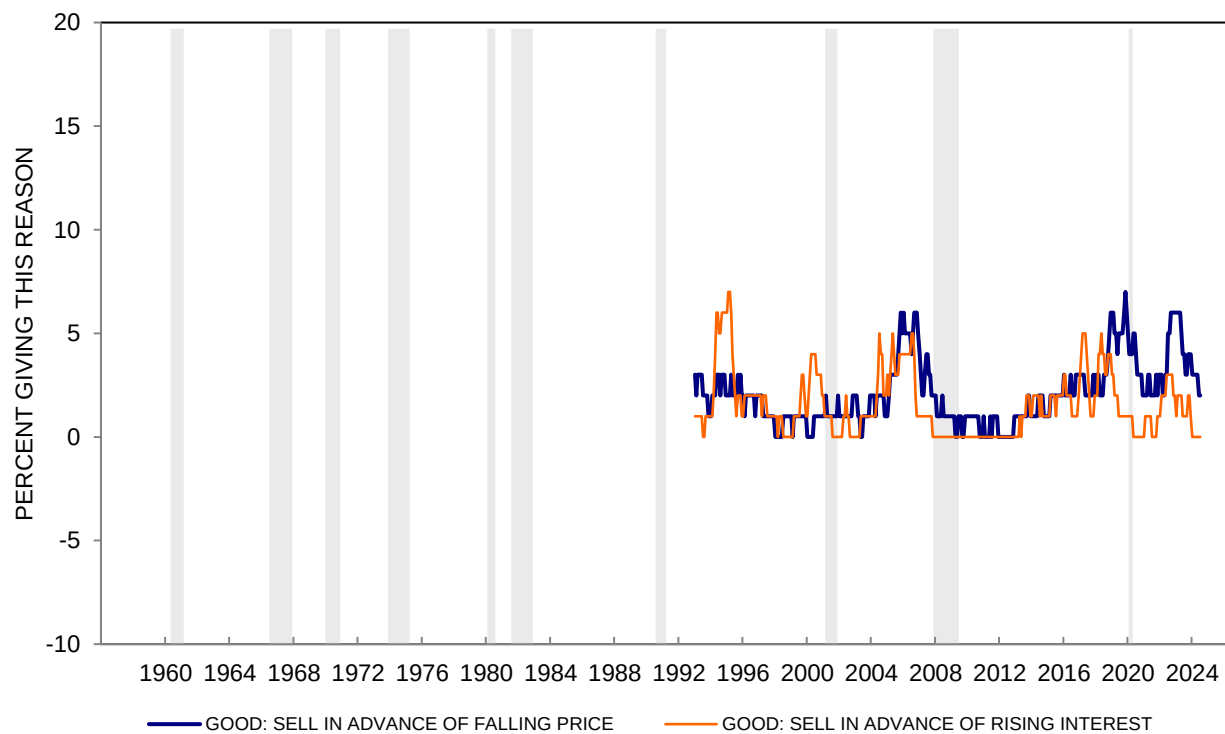


CHART 44C: INTEREST RATE REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)

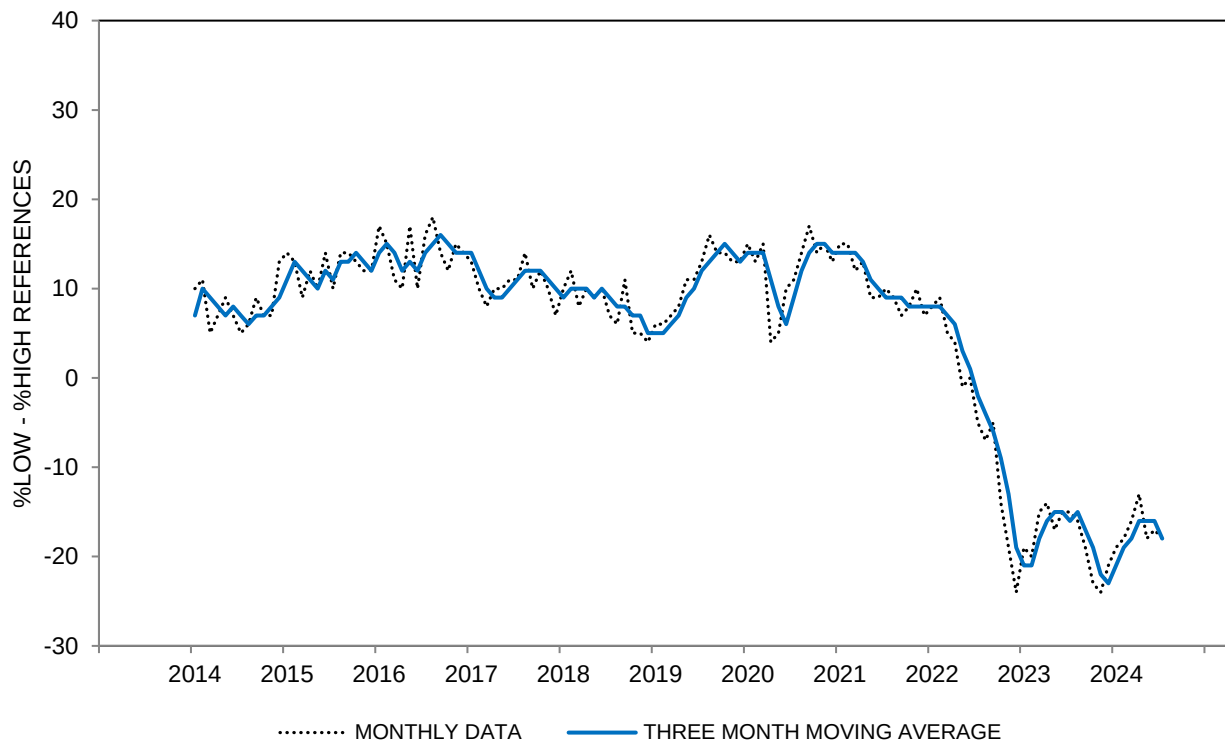


CHART 44C: INTEREST RATE REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)

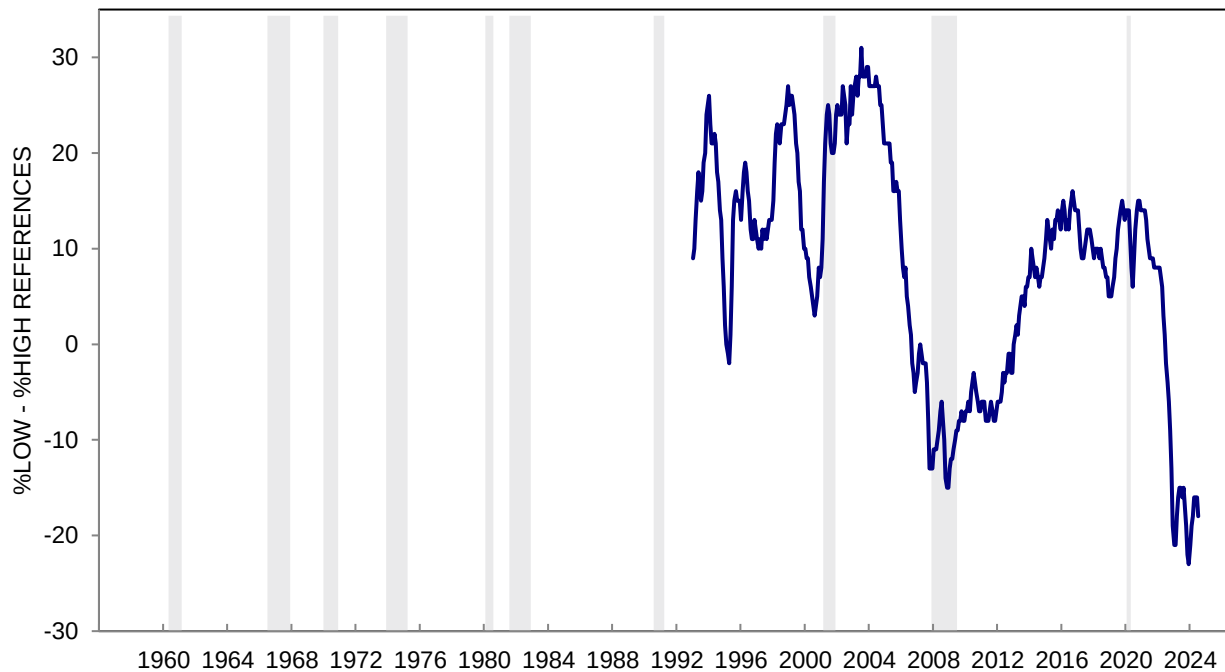


CHART 44D: ECONOMIC CERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%MORE CERTAINTY - %LESS CERTAINTY)

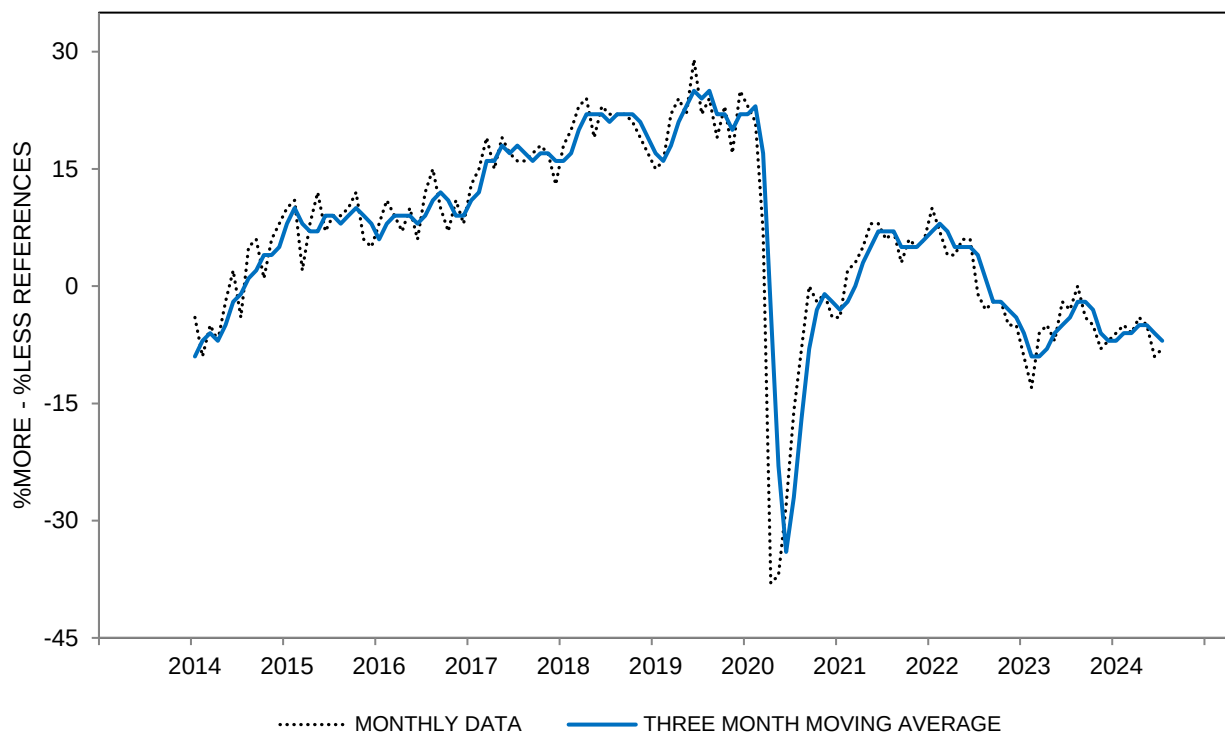


CHART 44D: ECONOMIC CERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%MORE CERTAINTY - %LESS CERTAINTY)

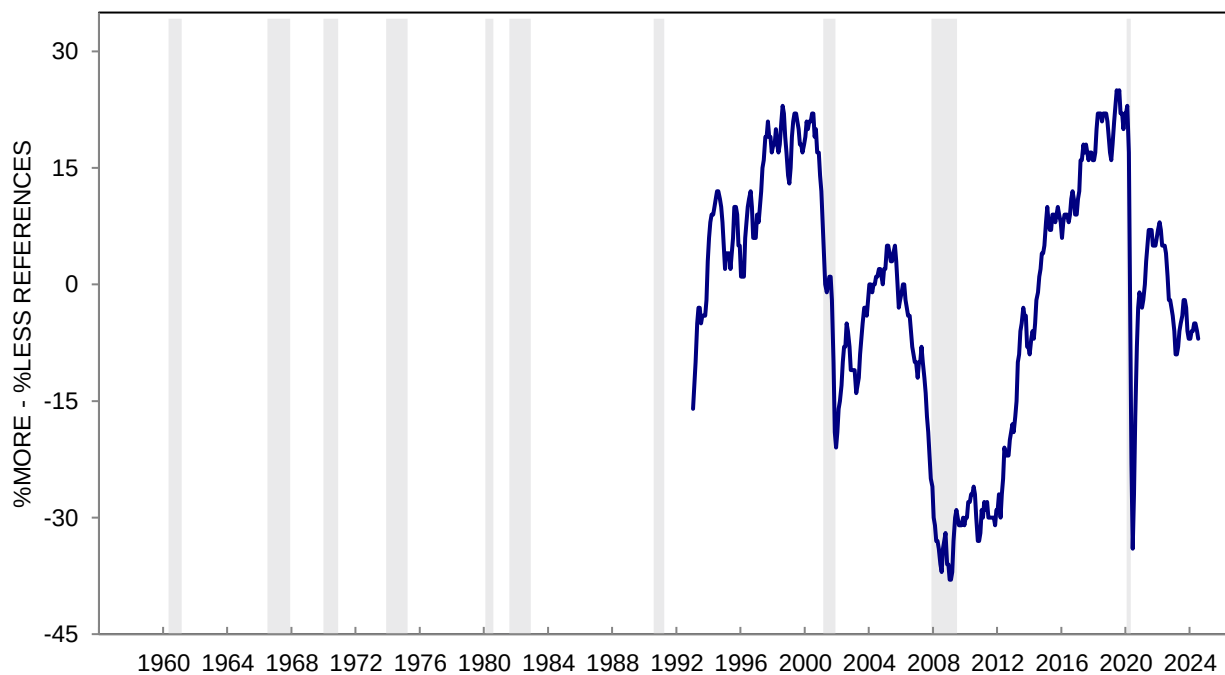


CHART 44E: CAPITAL GAIN REASONS FOR SELLING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

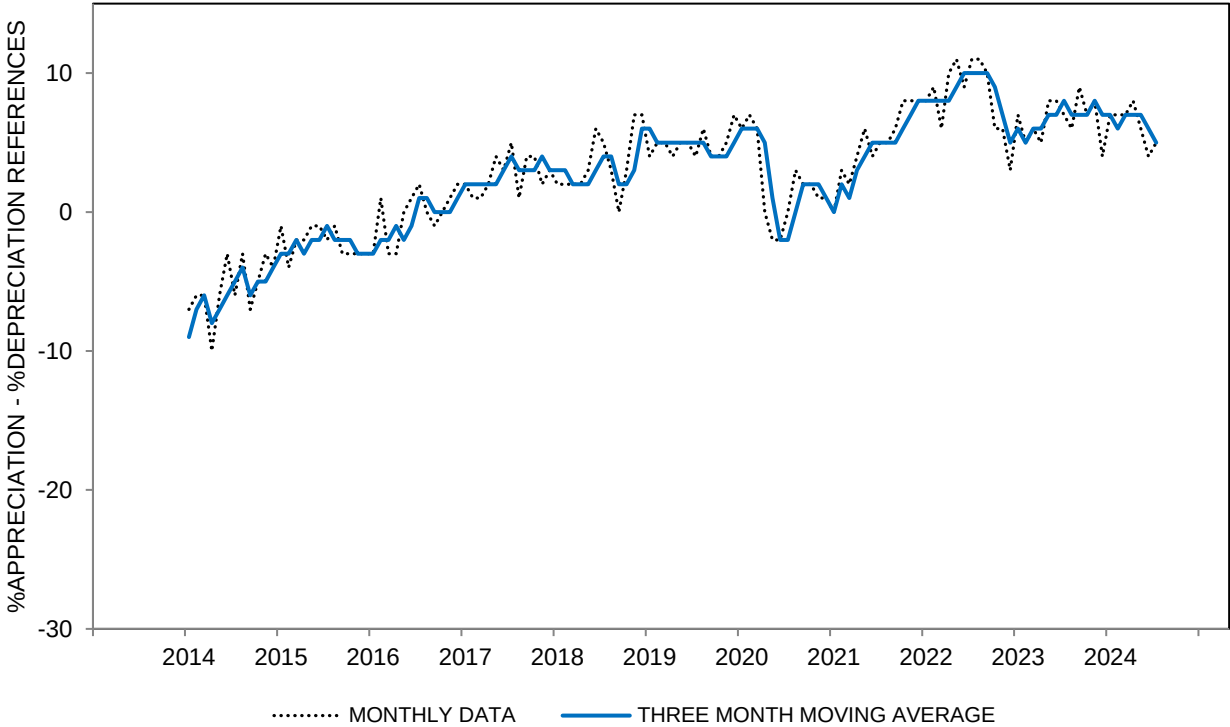


CHART 44E: CAPITAL GAIN REASONS FOR SELLING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

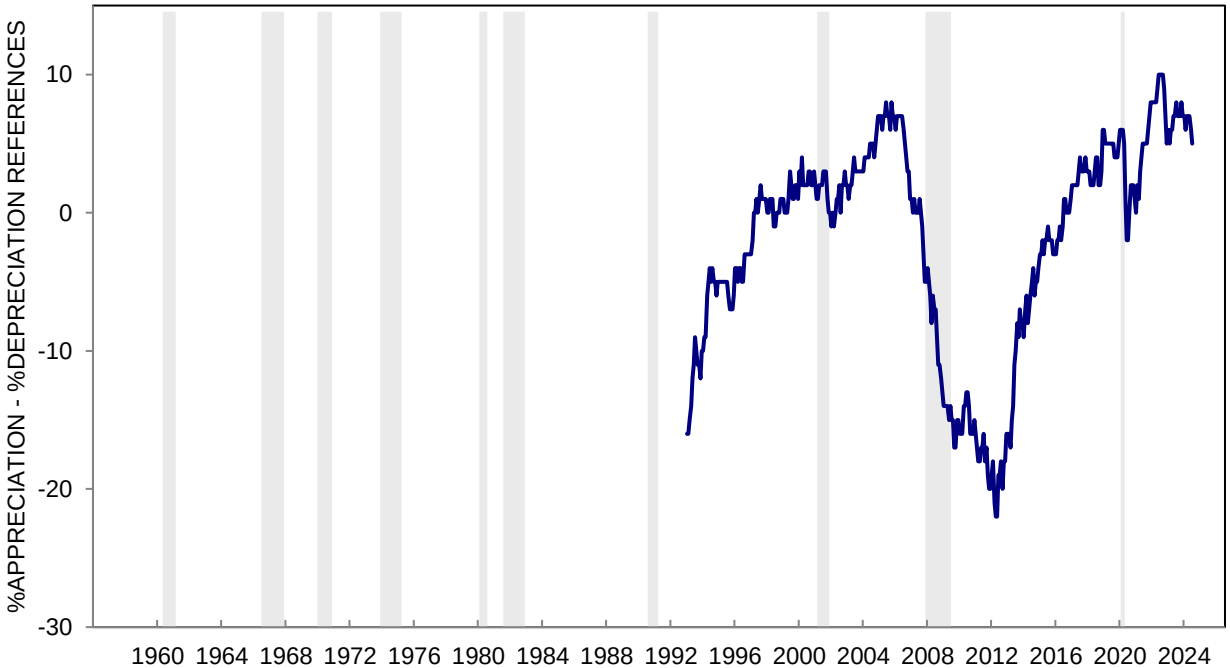


TABLE 45

CHANGE IN HOME VALUES DURING THE PAST YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
VALUE INCREASED	58%	61%	61%	59%	59%	59%	62%	60%	60%	66%	60%	64%	69%
VALUE SAME	27	27	26	29	29	28	30	28	30	29	31	27	26
VALUE DECREASED	14	10	12	11	10	11	7	12	10	4	8	8	5
DK, NA	1	2	1	1	2	2	1	*	*	1	1	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	419	461	423	439	442	447	432	438	432	607	741	750	695
INDEX SCORE	144	151	149	148	149	148	155	148	150	162	152	156	164

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

All	144	147	148	149	149	148	151	150	151	153	155	157	157
Age 18 to 44	149	153	150	154	154	152	152	148	148	150	153	160	158
Age 45 to 64	136	143	147	149	144	142	143	146	147	151	150	154	157
Age 65+	148	146	147	145	149	152	157	157	157	158	159	158	159
Income Bottom Third	152	151	149	145	146	147	150	150	152	151	150	148	153
Income Middle Third	144	145	148	151	151	150	152	152	150	151	152	156	155
Income Top Third	140	148	149	150	147	147	149	148	151	157	159	164	164
Educ High School or Less	152	150	151	149	149	151	152	148	140	143	149	158	155
Educ Some College	143	145	146	146	146	148	150	154	152	153	150	152	155
Educ College Degree	142	147	148	151	150	148	151	149	154	158	159	159	159
Democrat	149	150	152	153	157	157	163	157	161	160	163	164	165
Independent	139	145	150	153	149	145	145	147	147	152	154	158	158
Republican	143	145	140	140	141	144	146	146	145	149	148	149	152
Home Value Bottom Third	144	147	147	151	150	151	151	151	150	151	149	150	150
Home Value Middle Third	148	150	154	156	158	155	158	156	158	159	160	159	159
Home Value Top Third	141	147	146	144	142	143	147	148	150	154	156	162	164

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

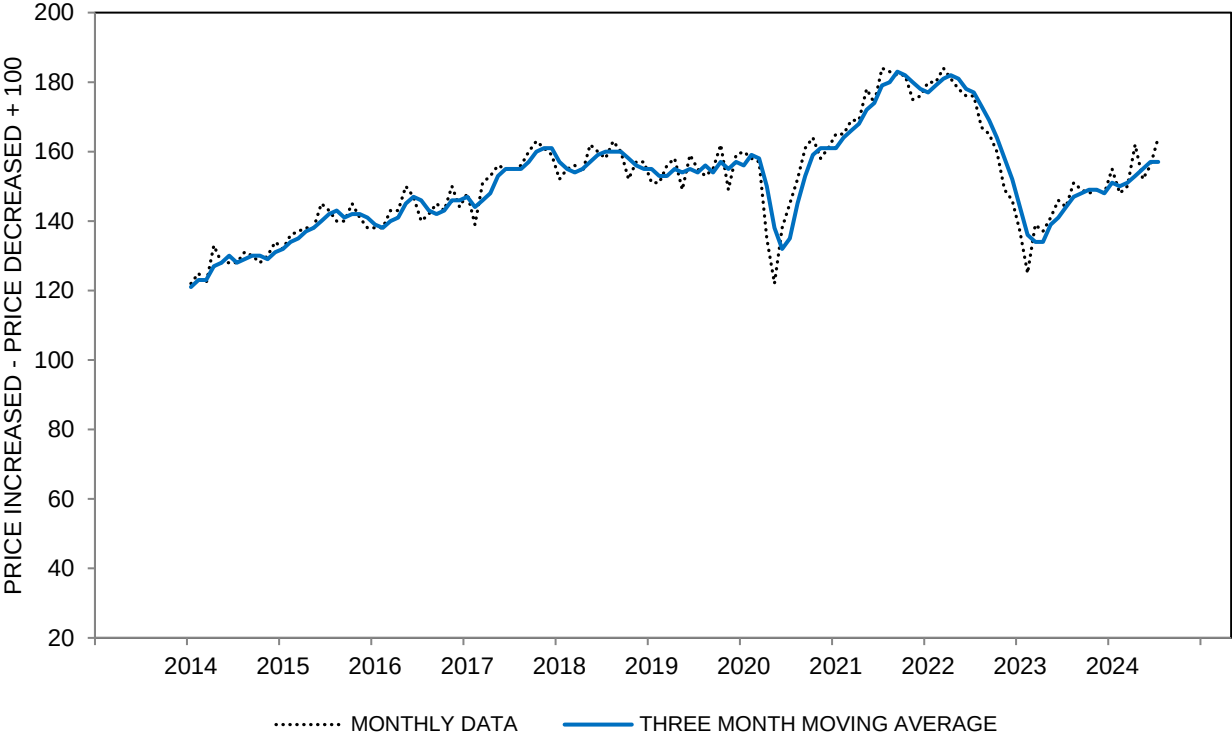


CHART 45: CHANGE IN HOME VALUES DURING THE PAST YEAR

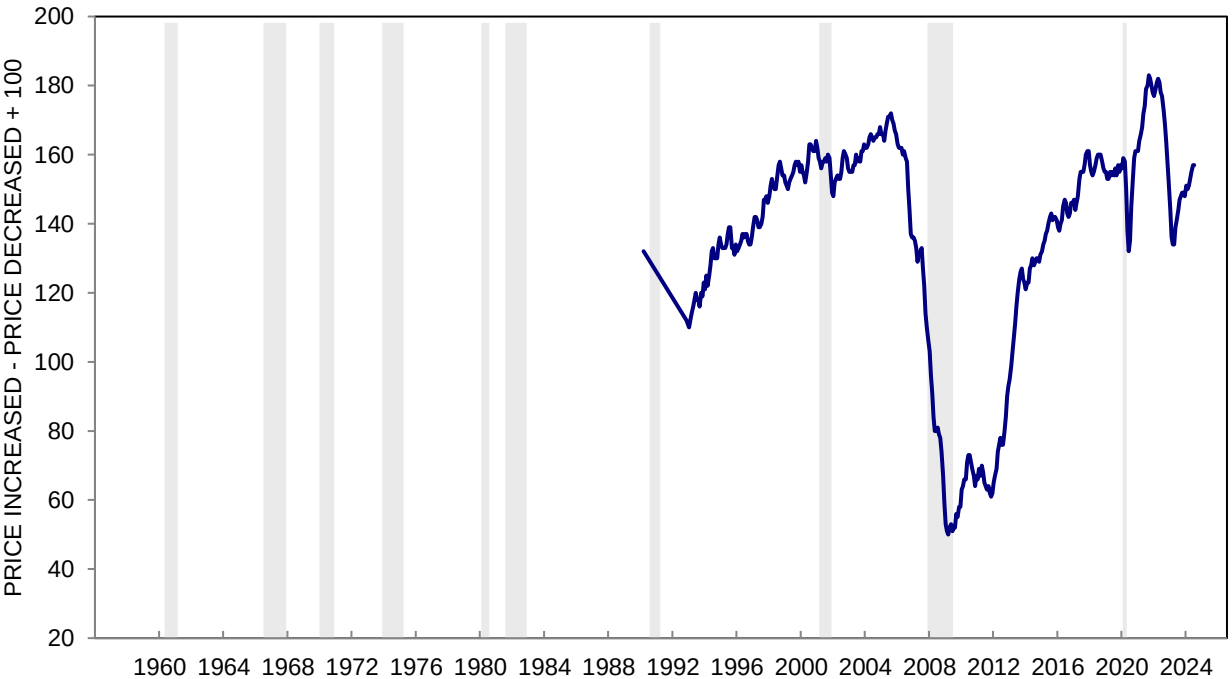


TABLE 46

EXPECTED CHANGE IN HOME VALUES DURING THE NEXT YEAR

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
INCREASE	43%	46%	44%	42%	43%	40%	47%	48%	48%	49%	48%	52%	51%
REMAIN THE SAME	42	42	42	46	42	43	44	40	42	45	39	37	39
DECREASE	14	12	13	11	14	15	9	12	9	6	11	10	9
DK, NA	1	*	1	1	1	2	*	*	1	*	2	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	419	461	423	439	442	447	432	438	432	607	741	750	695
MEDIAN INCREASE	0.3	0.4	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.1
25th PERCENTILE	-0.2	-0.2	-0.2	-0.2	-0.2	-0.3	-0.1	-0.2	-0.1	-0.1	-0.2	-0.1	-0.1
75th PERCENTILE	4.9	4.9	5.1	4.7	4.8	4.7	4.9	5.0	5.0	4.8	5.0	5.0	4.9
INTERQUARTILE RANGE (75th-25th)	5.2	5.1	5.3	4.9	5.1	5.0	5.0	5.2	5.2	4.9	5.1	5.1	5.0
MEAN INCREASE	1.4	2.4	2.0	2.2	2.2	1.5	2.5	2.3	2.6	3.1	2.6	2.3	2.9
VARIANCE	51	54	41	40	57	38	46	49	42	47	51	51	50

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

All	0.3	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4
Age 18 to 44	0.8	1.1	1.4	1.4	1.5	0.8	1.3	1.1	1.6	1.6	1.4	1.2	1.4
Age 45 to 64	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.5	0.4
Age 65+	0.5	0.5	0.5	0.3	0.3	0.3	0.4	0.5	0.9	0.9	1.6	1.7	1.6
Income Bottom Third	0.0	0.2	0.4	0.6	0.6	0.3	0.2	0.7	0.8	0.7	0.3	0.3	0.7
Income Middle Third	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.8	0.8	0.8	0.5	0.3
Income Top Third	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	1.0	1.2	1.2	0.7	1.1
Educ High School or Less	0.1	0.3	0.2	0.3	0.3	0.3	0.1	0.2	0.2	0.2	0.3	0.8	0.9
Educ Some College	0.4	0.4	0.5	0.3	0.2	0.2	0.9	1.0	1.0	0.4	0.3	0.4	0.3
Educ College Degree	0.3	0.4	0.6	0.6	0.7	0.4	0.4	0.4	1.1	1.3	1.5	1.2	0.9
Democrat	0.9	1.7	2.3	1.9	1.6	0.9	1.5	1.4	2.1	1.9	2.1	1.9	1.4
Independent	0.3	0.3	0.2	0.2	0.3	0.4	0.4	0.4	0.3	0.7	0.7	0.8	0.4
Republican	0.1	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.3
Home Value Bottom Third	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.4	0.3
Home Value Middle Third	0.2	0.3	0.3	0.3	0.5	0.5	0.5	0.8	0.9	1.0	0.6	0.6	0.3
Home Value Top Third	0.4	0.4	0.9	0.9	0.8	0.3	0.3	0.4	1.3	1.3	1.8	1.0	1.6

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**

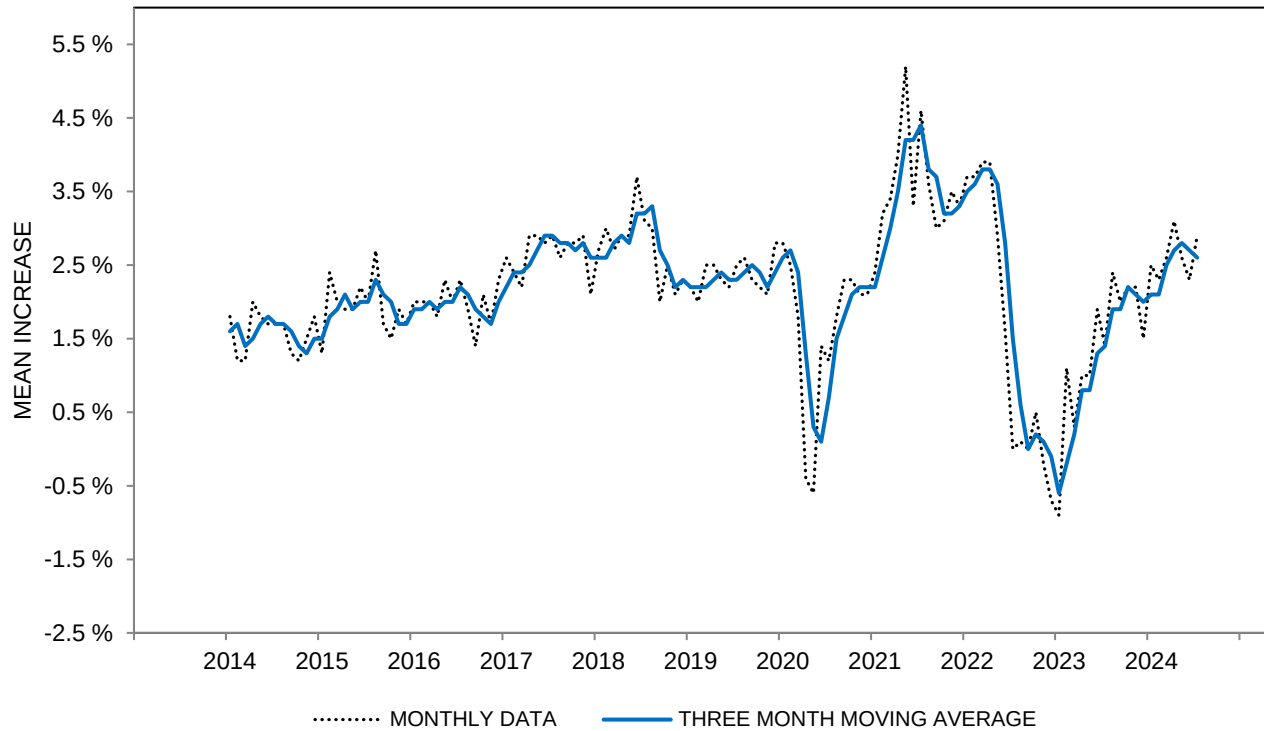


**CHART 46: EXPECTED MEAN CHANGE IN HOME VALUES
DURING THE NEXT YEAR**

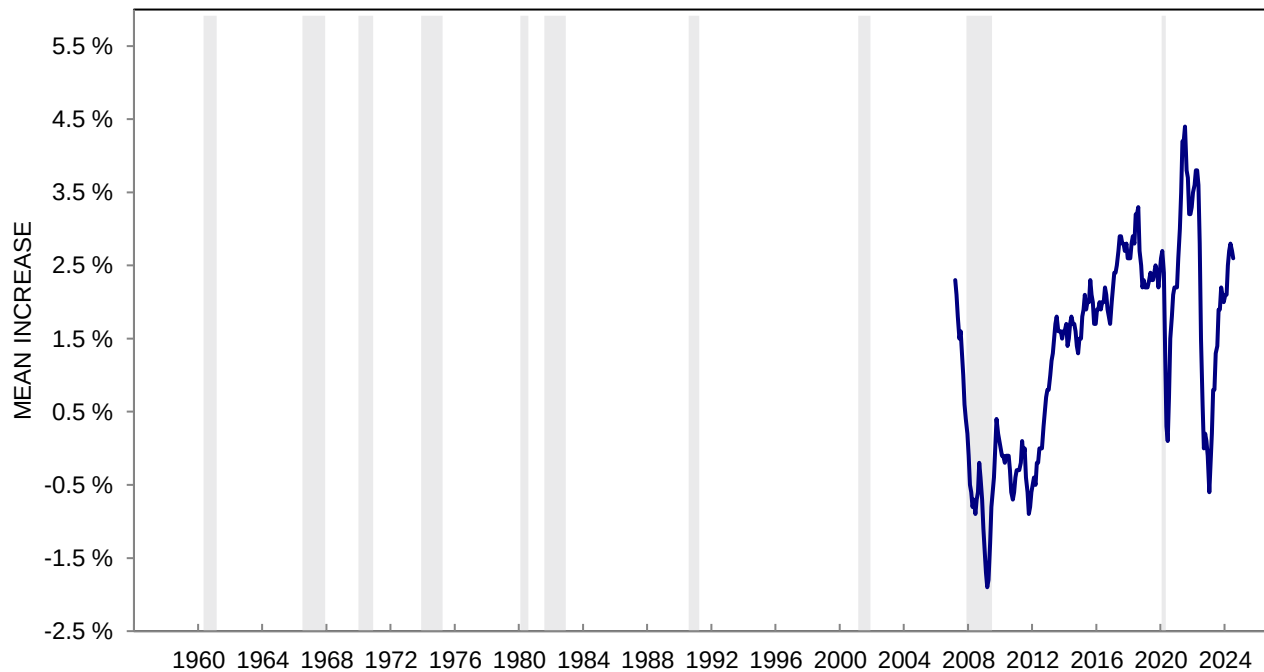


TABLE 47

EXPECTED CHANGE IN HOME VALUES DURING THE NEXT 5 YEARS

	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024
INCREASE	67%	67%	64%	66%	63%	63%	72%	72%	75%	69%	68%	65%	60%
REMAIN THE SAME	19	23	22	24	23	22	15	18	15	20	21	20	27
DECREASE	12	8	12	9	12	12	12	9	8	8	9	13	10
DK, NA	2	2	2	1	2	3	1	1	2	3	2	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	419	461	423	439	442	447	432	438	432	607	741	750	695
MEDIAN INCREASE	3.3	2.9	2.8	2.8	2.8	2.9	3.2	3.2	3.4	3.1	3.1	3.2	2.9
25th PERCENTILE	0.2	0.2	0.1	0.1	0.1	0.1	0.4	0.4	0.8	0.3	0.2	0.1	0.0
75th PERCENTILE	5.3	5.2	5.2	4.9	5.1	5.1	5.2	5.2	5.3	5.1	5.6	7.9	9.3
INTERQUARTILE RANGE (75th-25th)	5.2	4.9	5.1	4.8	5.1	5.1	4.8	4.8	4.5	4.8	5.4	7.8	9.3
MEAN INCREASE	3.4	3.5	3.0	3.0	3.1	2.8	3.4	3.6	4.0	4.0	3.9	3.9	4.8
VARIANCE	40	34	38	35	34	34	38	39	34	47	53	102	104

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

All	3.0	3.0	3.0	2.8	2.8	2.8	3.0	3.1	3.3	3.2	3.2	3.1	3.1
Age 18 to 44	2.9	2.8	2.8	2.8	2.9	2.8	3.0	3.1	3.3	3.1	3.1	3.0	3.1
Age 45 to 64	2.7	2.8	2.6	2.6	2.3	2.6	2.5	2.9	3.0	3.1	3.1	3.4	3.3
Age 65+	3.4	3.5	3.6	3.1	3.1	3.0	3.2	3.2	3.7	3.6	3.7	3.5	3.3
Income Bottom Third	1.7	2.3	3.1	3.1	2.7	2.6	2.8	3.0	3.4	3.1	2.9	3.0	2.5
Income Middle Third	2.8	2.7	2.6	2.5	2.7	3.0	3.0	2.9	3.0	3.1	3.2	3.0	2.5
Income Top Third	3.3	3.3	3.1	3.0	2.9	2.8	3.0	3.4	3.7	3.6	3.4	3.5	3.6
Educ High School or Less	1.6	1.4	1.9	2.0	2.4	2.4	2.2	2.1	2.5	2.7	2.9	2.9	2.1
Educ Some College	2.9	3.1	2.9	2.7	2.6	2.5	2.6	2.7	3.1	3.1	3.0	3.0	2.7
Educ College Degree	3.0	3.1	3.2	3.1	3.0	3.0	3.2	3.4	3.6	3.5	3.4	3.3	3.3
Democrat	3.9	3.9	3.5	3.1	3.1	3.1	3.4	3.4	3.7	3.5	3.9	3.5	3.4
Independent	2.7	2.6	2.7	2.5	2.4	2.6	2.9	3.2	3.2	3.2	3.1	3.4	3.3
Republican	2.2	2.6	2.6	2.7	2.8	2.7	2.6	2.6	3.0	3.2	3.1	3.0	2.9
Home Value Bottom Third	1.9	2.0	2.7	2.5	2.3	1.9	2.0	2.4	2.9	2.8	2.9	2.9	2.6
Home Value Middle Third	2.9	3.0	2.8	2.6	2.7	2.9	3.1	3.4	3.4	3.4	3.2	3.2	3.0
Home Value Top Third	3.5	3.5	3.4	3.3	3.1	3.1	3.3	3.5	3.8	3.7	3.7	3.5	3.6

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**

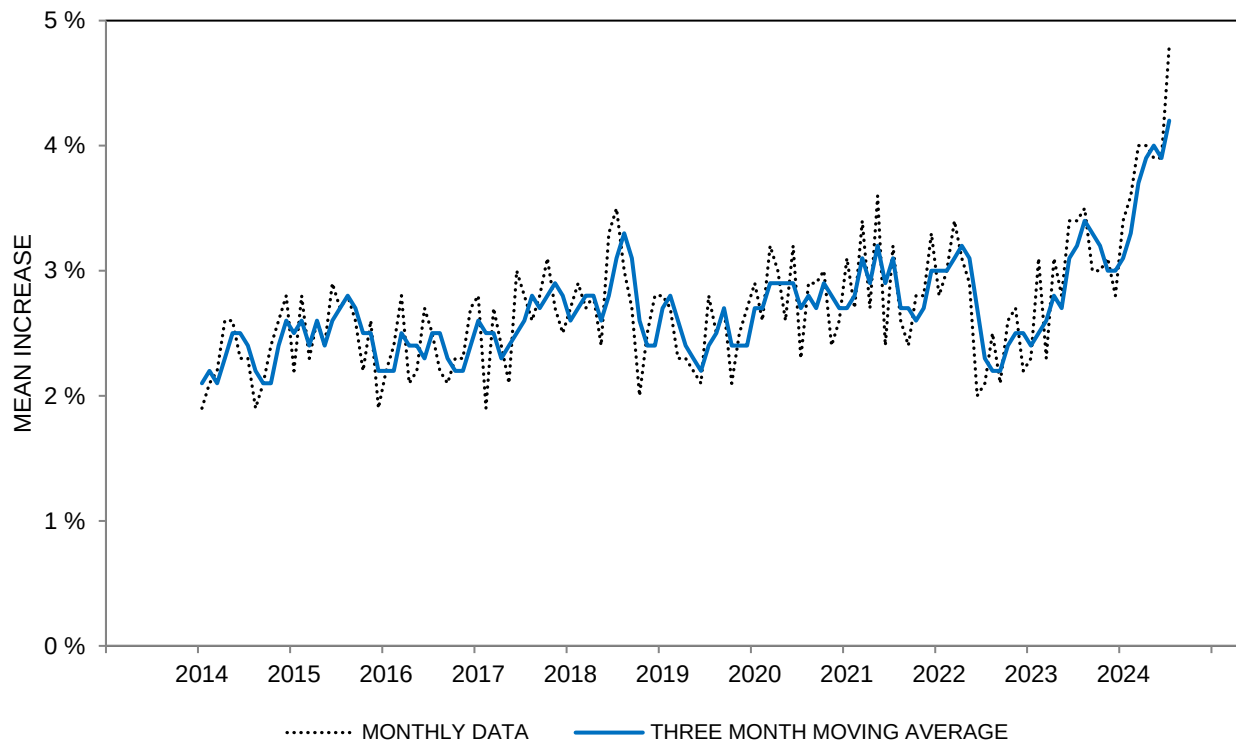
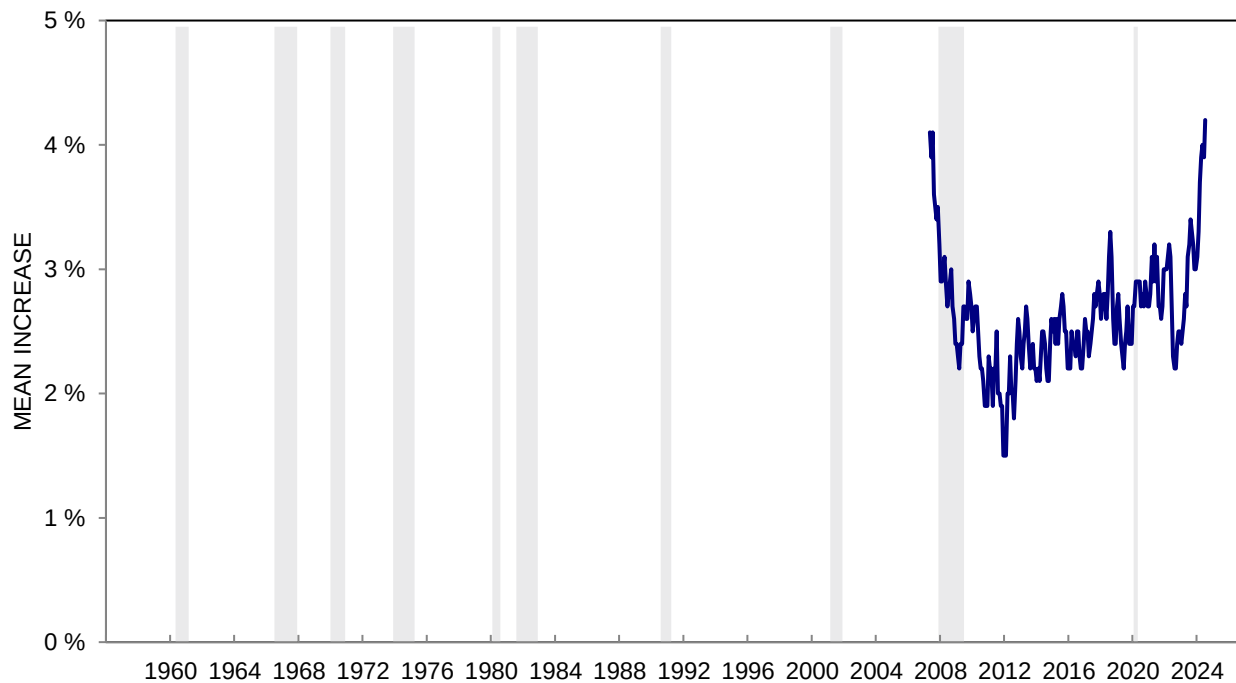


**CHART 47: EXPECTED MEAN CHANGE IN HOME VALUES
DURING THE NEXT FIVE YEARS**



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).