



August 2019

The August survey was the 613th 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.

Richard Curtin, Director • Surveys of Consumers • P.O. Box 1248 • Ann Arbor, Michigan 48106
Phone: (734) 763-5224 • Fax: (734) 764-3488 • Email: curtin@umich.edu

TABLE OF CONTENTS

Summary Indices

Table 1	The Index of Consumer Sentiment
Table 2	The Index of Consumer Sentiment Within Income Terciles
Table 3	The Index of Consumer Sentiment Within Age Subgroups
Table 4	The Index of Consumer Sentiment Within Regions
Table 5	Components of the Index of Consumer Sentiment

Personal Finances

Table 6	Current Financial Situation Compared with a Year Ago
Table 7	Selected Reasons for Opinions About Household Financial Situation
Table 8	Expected Change in Financial Situation in a Year
Table 9	Annual Trend in Past and Expected Household Financial Situation
Table 10	Current Financial Situation Compared with 5 Years Ago
Table 11	Expected Change in Financial Situation in 5 Years
Table 12	Five Year Trend in Past and Expected Household Financial Situation
Table 13	Expected Change in Household Income During the Next Year
Table 14	Expected Change in Real Household Income During the Next Year
Table 15	Probability that Personal Income will Increase During the Next Year
Table 16	Probability of Real Income Gains During the Next 5 Years
Table 17	Probability of Losing a Job During the Next 5 Years

Savings and Retirement

Table 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
Table 20	Probability of Increase in the Stock Market Prices in the Next Year
Table 21	Current Value of Stock Market Investments
Table 22	Current Market Value of Primary Residence

Economic Conditions

Table 23	News Heard of Recent Changes in Business Conditions
Table 24	Selected Items of News Heard of Recent Changes in Business Conditions
Table 25	Current Business Conditions Compared with a Year Ago
Table 26	Expected Change in Business Conditions in a Year
Table 27	Trend in Past and Expected Changes in Business Conditions
Table 28	Business Conditions Expected During the Next Year
Table 29	Business Conditions Expected During the Next 5 Years

Unemployment, Interest Rates, Prices, Government Expectations

Table 30	Expected Change in Unemployment During the Next Year
Table 31	Expected Change in Interest Rates During the Next Year
Table 32	Expected Change in Prices During the Next Year
Table 33	Expected Change in Prices During the Next 5 Years
Table 34	Opinions About the Government's Economic Policy

Household Durables Buying Conditions

Table 35	Buying Conditions for Large Household Durables
Table 36	Selected Reasons for Opinions About Buying Conditions for Large Household Durables

Vehicle Buying Conditions

Table 37	Buying Conditions for Vehicles
Table 38	Selected Reasons for Opinions About Buying Conditions for Vehicles
Table 39	Expected Change in Gasoline Prices During the Next Year
Table 40	Expected Change in Gasoline Prices During the Next 5 Years

Home Buying and Selling Conditions

Table 41	Buying Conditions for Houses
Table 42	Selected Reasons for Opinions About Buying Conditions for Houses
Table 43	Selling Conditions for Houses
Table 44	Selected Reasons for Opinions About Selling Conditions for Houses
Table 45	Change in Home Values During the Past Year
Table 46	Expected Change in Home Values During the Next Year
Table 47	Expected Change in Home Values During the Next 5 Years

TABLE 1**THE INDEX OF CONSUMER SENTIMENT**

DATE OF SURVEY		All families	Families with incomes under \$75,000	Families with incomes over \$75,000
August	2016	89.8	86.1	94.0
September	2016	91.2	86.1	98.3
October	2016	87.2	81.2	95.2
November	2016	93.8	88.3	100.5
December	2016	98.2	94.6	103.1
January	2017	98.5	94.4	103.2
February	2017	96.3	92.4	100.5
March	2017	96.9	86.5	105.9
April	2017	97.0	89.8	103.5
May	2017	97.1	91.6	104.3
June	2017	95.0	90.5	101.0
July	2017	93.4	88.4	99.7
August	2017	96.8	88.6	104.4
September	2017	95.1	88.3	102.1
October	2017	100.7	96.8	105.9
November	2017	98.5	94.4	104.6
December	2017	95.9	89.4	103.1
January	2018	95.7	85.8	106.3
February	2018	99.7	88.3	110.8
March	2018	101.4	97.3	106.8
April	2018	98.8	94.6	103.6
May	2018	98.0	94.1	102.3
June	2018	98.2	93.2	104.1
July	2018	97.9	92.9	104.7
August	2018	96.2	88.7	103.5
September	2018	100.1	97.0	103.5
October	2018	98.6	92.4	103.9
November	2018	97.5	95.3	98.1
December	2018	98.3	93.4	103.9
January	2019	91.2	86.6	95.2
February	2019	93.8	89.0	98.7
March	2019	98.4	97.0	99.5
April	2019	97.2	92.6	102.5
May	2019	100.0	95.0	105.2
June	2019	98.2	95.2	101.4
July	2019	98.4	93.6	102.5
August	2019	89.8	84.8	95.8

CHART 1: THE INDEX OF CONSUMER SENTIMENT

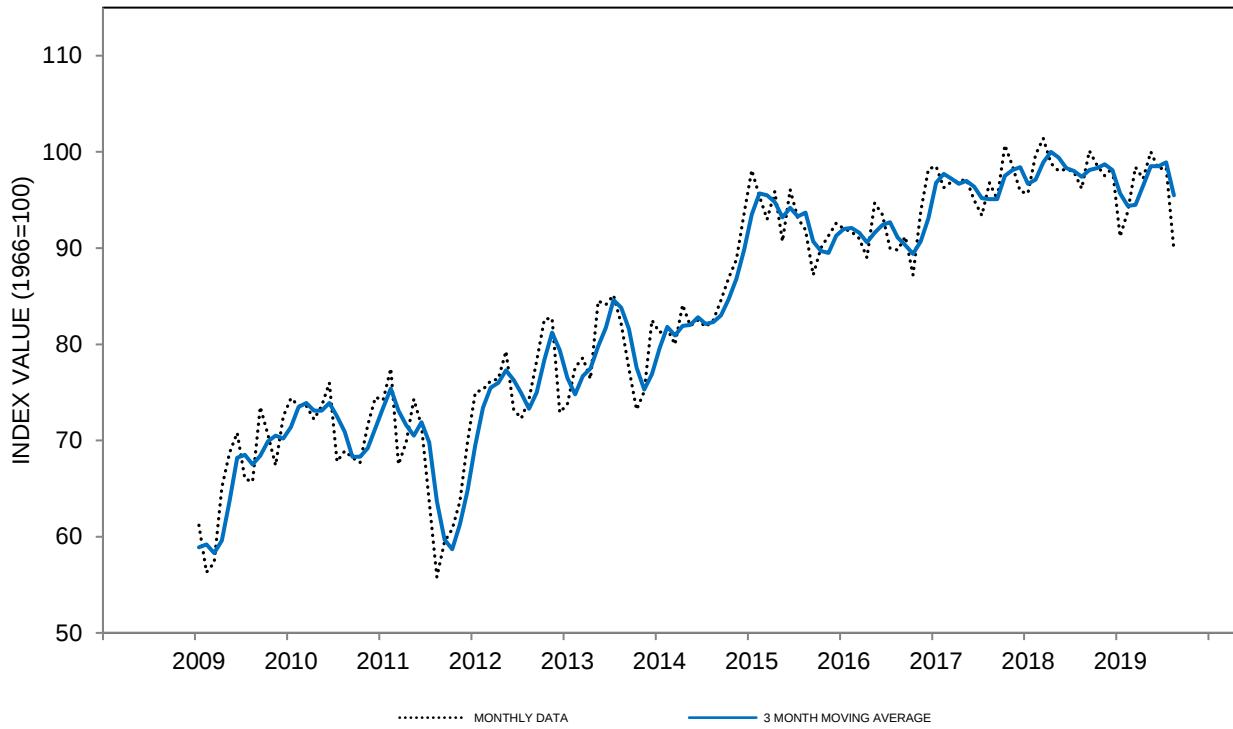


CHART 1: THE INDEX OF CONSUMER SENTIMENT

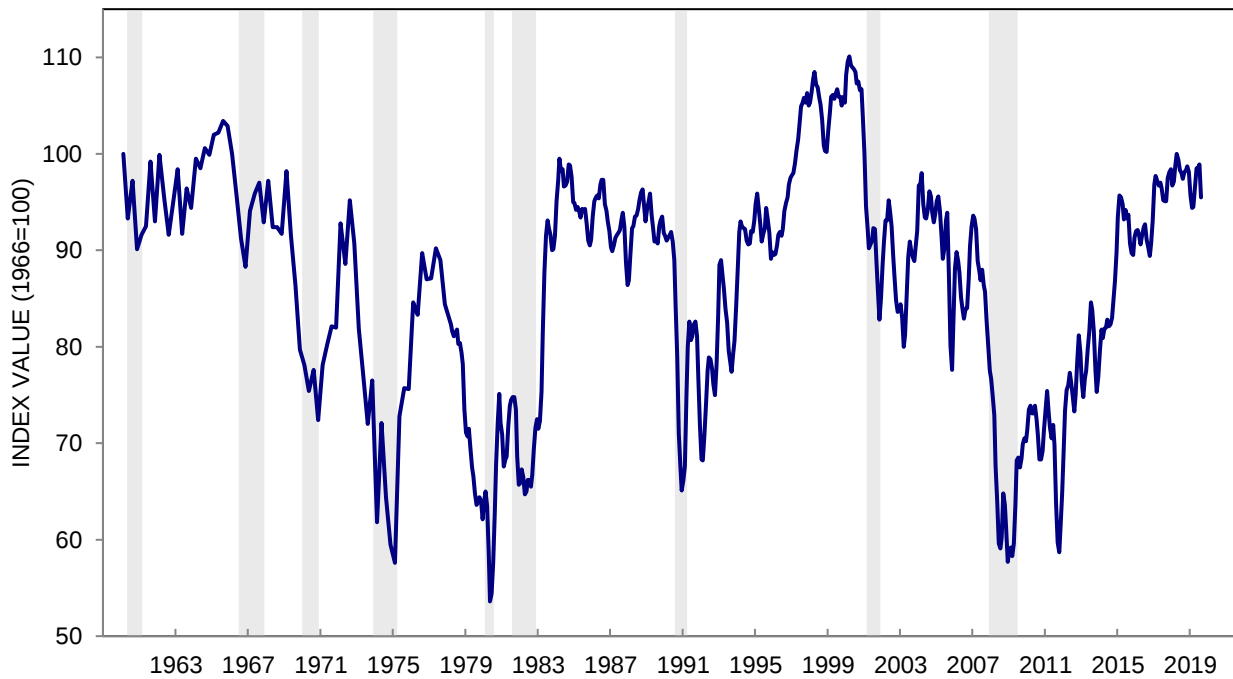


TABLE 2

THE INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES

THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Household Income Terciles		
		Bottom Third	Middle Third	Top Third
August	2016	83.6	91.4	98.7
September	2016	82.4	91.6	97.4
October	2016	79.9	91.9	96.8
November	2016	81.2	92.3	98.9
December	2016	84.0	95.8	99.9
January	2017	88.1	100.6	102.4
February	2017	89.1	102.9	101.4
March	2017	86.9	101.9	102.9
April	2017	85.6	100.0	104.5
May	2017	84.8	100.2	106.3
June	2017	85.6	100.0	104.4
July	2017	85.8	98.4	102.2
August	2017	85.1	97.5	102.6
September	2017	85.2	95.8	104.0
October	2017	88.2	97.7	106.7
November	2017	90.4	98.6	106.7
December	2017	90.3	99.6	106.7
January	2018	86.9	97.1	106.8
February	2018	83.5	98.4	108.8
March	2018	87.0	100.6	109.0
April	2018	89.2	103.3	107.5
May	2018	92.6	102.2	104.2
June	2018	90.7	101.1	103.9
July	2018	90.6	99.9	104.7
August	2018	87.5	99.6	105.5
September	2018	89.7	99.8	104.6
October	2018	88.6	101.5	103.7
November	2018	93.2	99.9	101.9
December	2018	91.8	99.5	102.0
January	2019	90.9	95.9	99.3
February	2019	87.0	95.8	100.4
March	2019	86.6	96.8	99.6
April	2019	88.0	100.4	101.5
May	2019	90.7	102.2	103.2
June	2019	90.8	103.1	102.5
July	2019	92.0	100.5	104.1
August	2019	89.1	97.9	99.9

CHART 2: INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES
(Three Month Moving Averages)

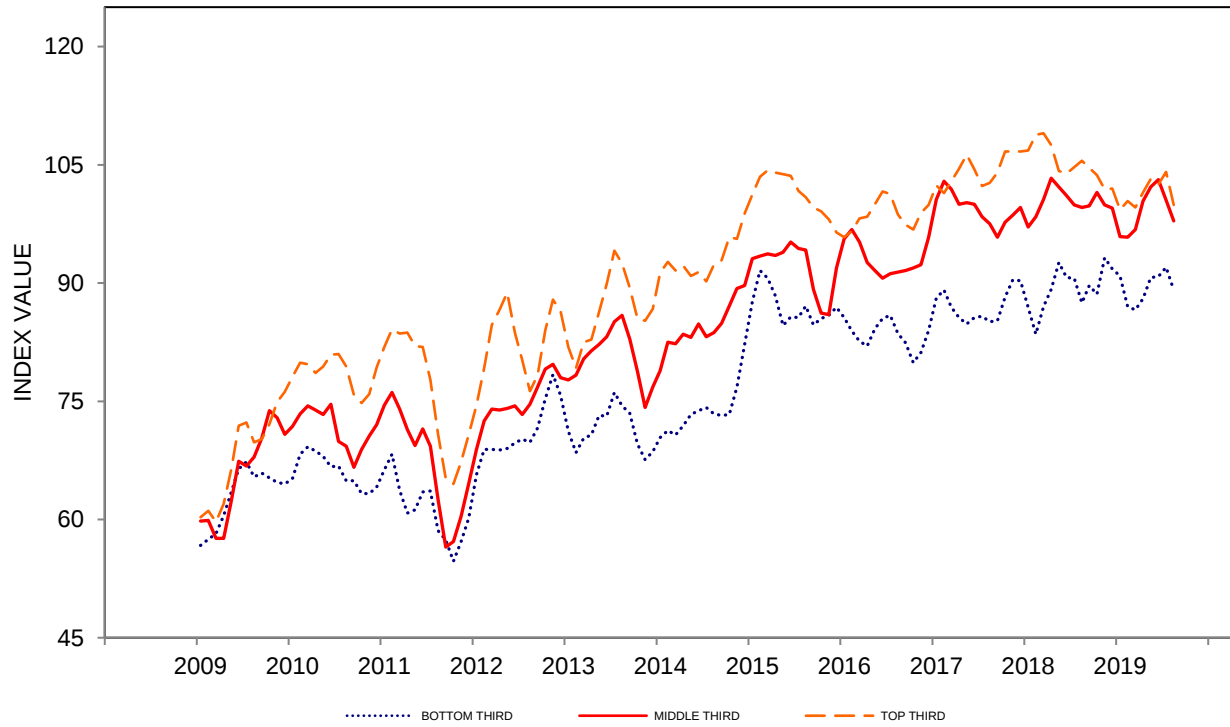


CHART 2: INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES

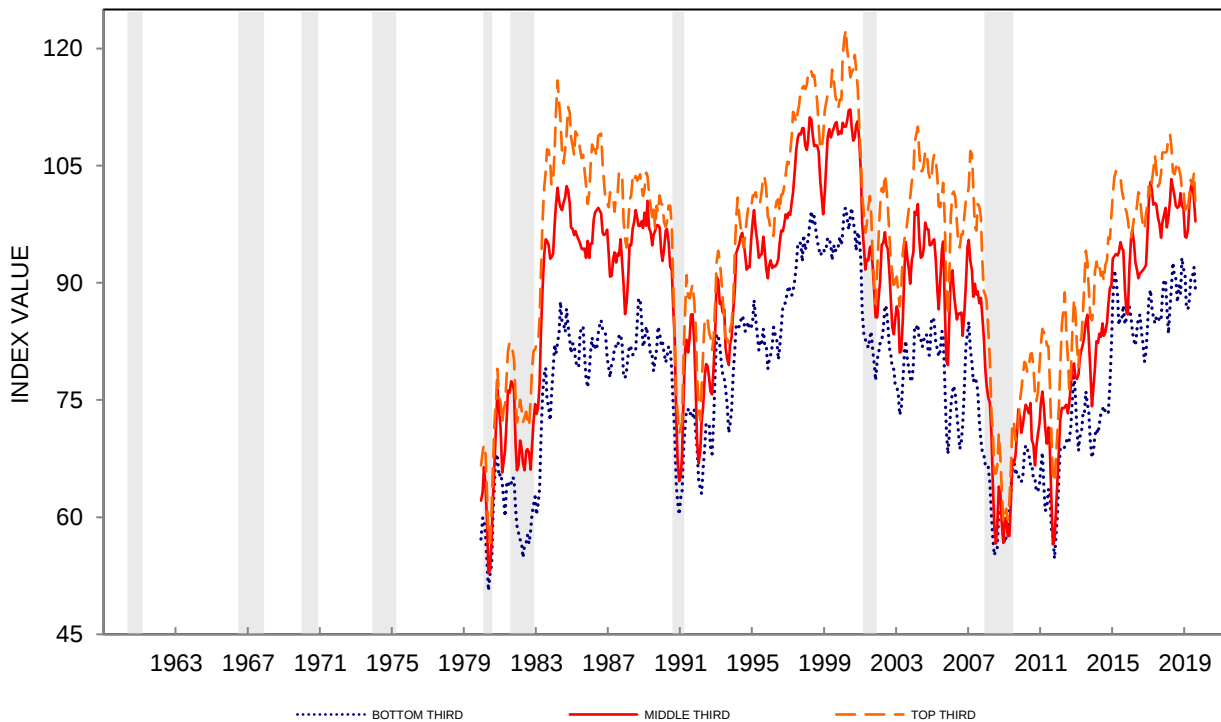


TABLE 3

THE INDEX OF CONSUMER SENTIMENT WITHIN AGE SUBGROUPS

THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Age of Householder		
		18-34	35-54	55+
August	2016	99.9	96.3	82.2
September	2016	100.0	93.8	82.4
October	2016	97.1	92.7	82.7
November	2016	99.5	93.9	83.6
December	2016	99.5	96.2	87.1
January	2017	103.3	98.4	92.0
February	2017	101.9	98.4	94.8
March	2017	99.8	98.6	95.0
April	2017	97.7	98.7	95.0
May	2017	99.7	99.5	93.8
June	2017	100.4	98.7	92.3
July	2017	99.4	99.3	89.8
August	2017	98.4	97.4	91.5
September	2017	98.7	96.4	92.5
October	2017	101.7	96.6	96.3
November	2017	103.0	99.8	94.5
December	2017	103.8	101.0	93.4
January	2018	101.2	100.3	91.7
February	2018	98.6	99.4	94.5
March	2018	99.1	101.1	97.3
April	2018	101.0	102.2	97.4
May	2018	103.8	101.7	95.2
June	2018	101.8	102.3	93.2
July	2018	101.1	101.8	93.6
August	2018	98.5	101.9	93.3
September	2018	99.0	101.2	95.3
October	2018	97.8	101.5	96.2
November	2018	97.7	100.9	98.0
December	2018	97.5	100.2	97.3
January	2019	98.7	96.1	94.0
February	2019	99.8	95.2	91.4
March	2019	101.1	94.8	91.4
April	2019	99.4	98.0	94.3
May	2019	101.7	98.5	97.4
June	2019	102.5	98.2	96.8
July	2019	103.1	99.3	96.9
August	2019	100.3	96.6	92.5

CHART 3: INDEX OF CONSUMER SENTIMENT WITHIN AGE SUBGROUPS
(Three Month Moving Averages)

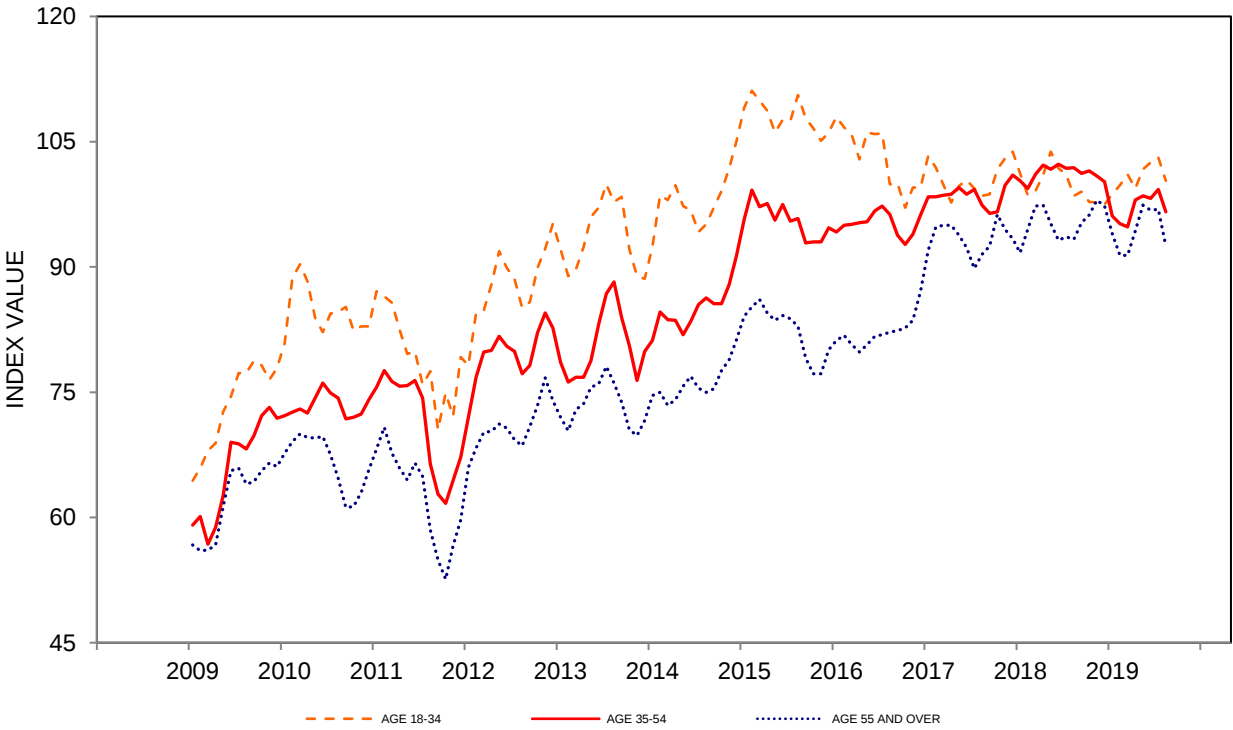


CHART 3: INDEX OF CONSUMER SENTIMENT WITHIN AGE SUBGROUPS
(Three Month Moving Averages)

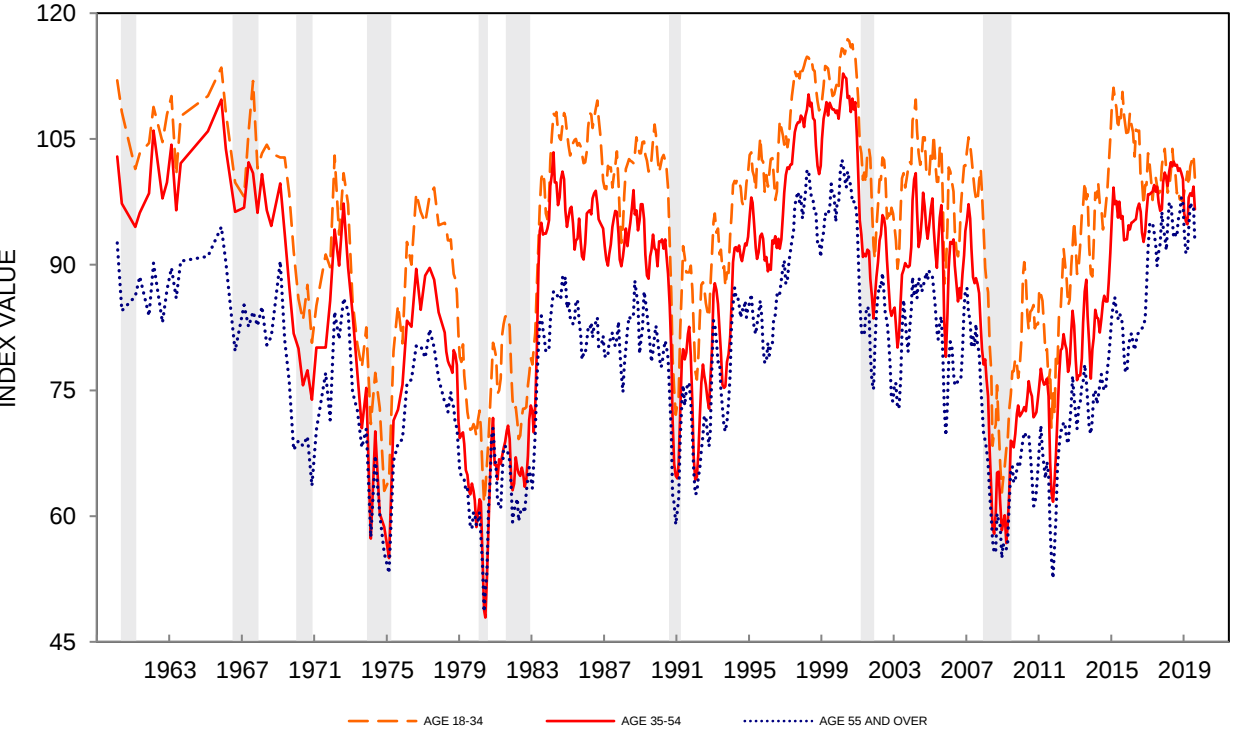


TABLE 4**THE INDEX OF CONSUMER SENTIMENT WITHIN REGIONS****THREE MONTH MOVING AVERAGES**

DATE OF SURVEY		Region of Residence			
		North East	Midwest	South	West
August	2016	93.9	88.3	91.7	91.2
September	2016	95.4	89.6	88.6	90.3
October	2016	97.5	89.6	86.2	88.8
November	2016	96.3	90.8	87.5	91.8
December	2016	93.7	93.4	93.2	92.2
January	2017	93.5	96.3	98.7	96.6
February	2017	94.3	97.7	100.7	95.0
March	2017	97.9	96.8	100.0	92.9
April	2017	98.2	96.5	99.3	92.2
May	2017	96.9	97.1	99.8	92.5
June	2017	96.0	95.5	98.6	93.8
July	2017	91.4	95.4	97.7	93.6
August	2017	90.6	95.4	96.7	95.6
September	2017	90.1	96.4	96.7	94.9
October	2017	94.8	99.1	98.6	96.3
November	2017	96.3	99.0	99.8	95.6
December	2017	94.8	99.6	100.0	96.9
January	2018	91.2	98.0	99.0	95.5
February	2018	90.5	98.4	99.7	96.2
March	2018	90.9	99.8	101.8	99.2
April	2018	93.7	100.5	103.1	98.9
May	2018	95.3	100.5	100.9	98.8
June	2018	97.2	100.1	100.0	94.4
July	2018	95.5	99.9	99.8	95.0
August	2018	93.7	98.9	101.3	92.1
September	2018	91.6	97.3	102.1	96.9
October	2018	92.9	97.3	101.7	97.6
November	2018	93.0	97.3	100.6	101.4
December	2018	96.5	96.9	99.4	98.6
January	2019	94.2	94.8	97.4	94.8
February	2019	93.9	93.1	98.0	90.4
March	2019	90.1	93.7	99.3	90.4
April	2019	94.5	96.3	99.9	92.5
May	2019	93.6	99.1	101.5	96.5
June	2019	95.9	99.0	100.2	96.6
July	2019	93.6	98.2	102.1	97.7
August	2019	93.9	95.2	98.3	92.5

CHART 4: INDEX OF CONSUMER SENTIMENT WITHIN REGIONS
(Three Month Moving Averages)

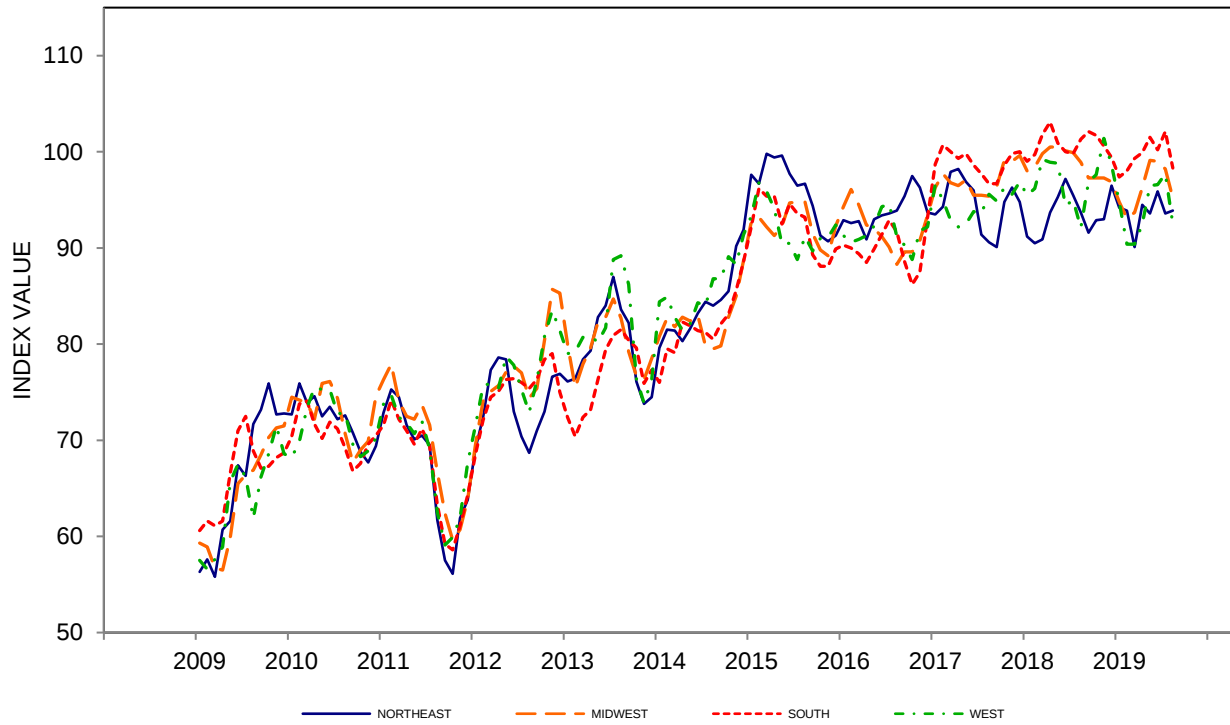


CHART 4: INDEX OF CONSUMER SENTIMENT WITHIN REGIONS

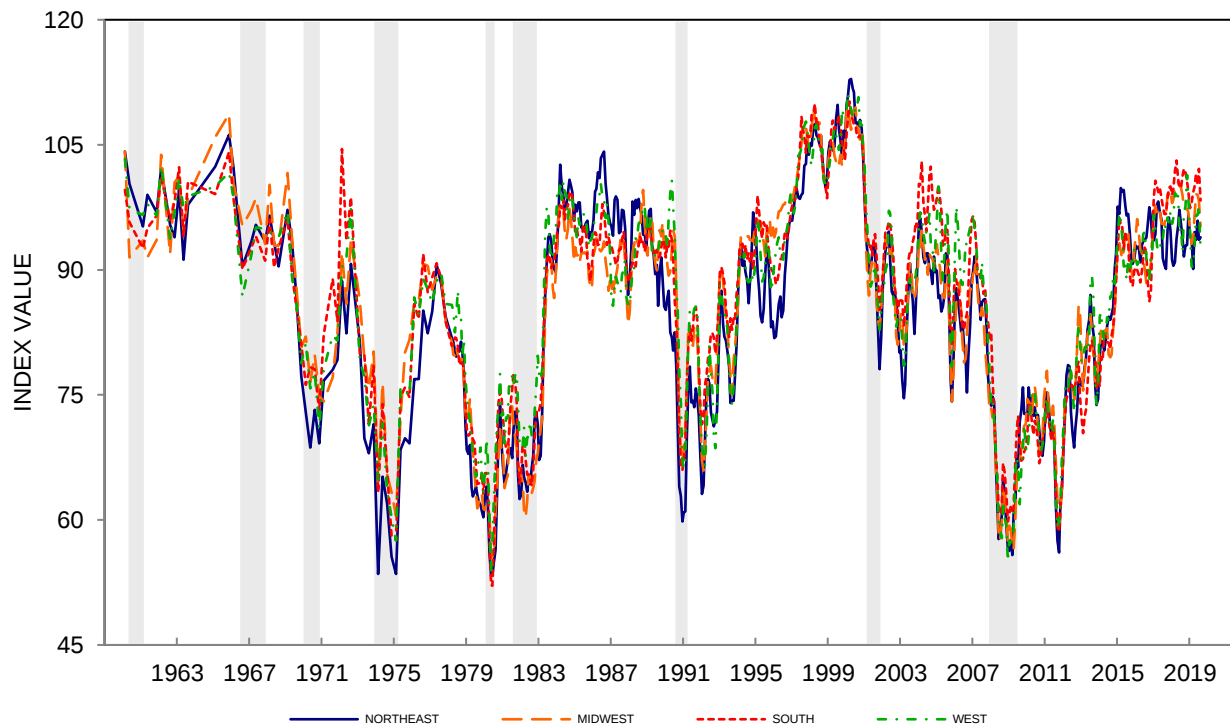


TABLE 5

COMPONENTS OF THE INDEX OF CONSUMER SENTIMENT

DATE OF SURVEY		INDEX COMPONENTS+					Current Index (1,5)	Expected Index (2,3,4)
		Personal finances		Business conditions		Buying Conditions (5)		
		Current (1)	Expected (2)	12 months (3)	5 years (4)			
August	2016	118	119	97	99	159	107.0	78.7
September	2016	113	126	104	101	158	104.2	82.7
October	2016	111	127	91	90	157	103.2	76.8
November	2016	117	126	109	107	162	107.3	85.2
December	2016	126	131	119	110	164	111.9	89.5
January	2017	124	130	121	112	165	111.3	90.3
February	2017	128	123	112	112	161	111.5	86.5
March	2017	132	128	116	103	162	113.2	86.5
April	2017	126	131	113	106	166	112.7	87.0
May	2017	126	129	119	105	164	111.7	87.7
June	2017	131	132	110	95	161	112.4	83.8
July	2017	132	122	111	89	163	113.4	80.5
August	2017	130	134	119	100	158	110.9	87.7
September	2017	128	133	110	97	162	111.7	84.4
October	2017	135	132	123	110	168	116.5	90.5
November	2017	127	132	123	103	168	113.5	88.9
December	2017	127	127	119	93	168	113.8	84.3
January	2018	126	131	121	95	160	110.5	86.3
February	2018	133	133	124	105	166	114.9	90.0
March	2018	142	132	120	105	173	121.2	88.8
April	2018	133	131	113	111	165	114.9	88.4
May	2018	130	129	122	108	160	111.8	89.1
June	2018	136	128	117	102	166	116.5	86.3
July	2018	133	134	116	101	164	114.4	87.3
August	2018	133	131	118	101	154	110.3	87.1
September	2018	135	135	123	106	164	115.2	90.5
October	2018	130	131	123	105	163	113.1	89.3
November	2018	130	129	117	109	161	112.3	88.1
December	2018	133	129	118	102	169	116.1	87.0
January	2019	127	131	92	97	155	108.8	79.9
February	2019	124	133	108	99	158	108.5	84.4
March	2019	138	131	124	102	156	113.3	88.8
April	2019	133	136	115	100	159	112.3	87.4
May	2019	134	135	130	112	151	110.0	93.5
June	2019	131	134	121	104	160	111.9	89.3
July	2019	131	137	122	106	156	110.7	90.5
August	2019	127	123	104	93	146	105.3	79.9

(1) See Table 6 (2) See Table 8 (3) See Table 28 (4) See Table 29 (5) See Table 35.

+: Percent saying "GOOD TIMES" (or "BETTER"), minus percent saying "BAD TIMES" (or "WORSE"), plus 100.

CHART 5: CURRENT AND EXPECTED COMPONENTS OF THE SENTIMENT INDEX
(Three Month Moving Averages)

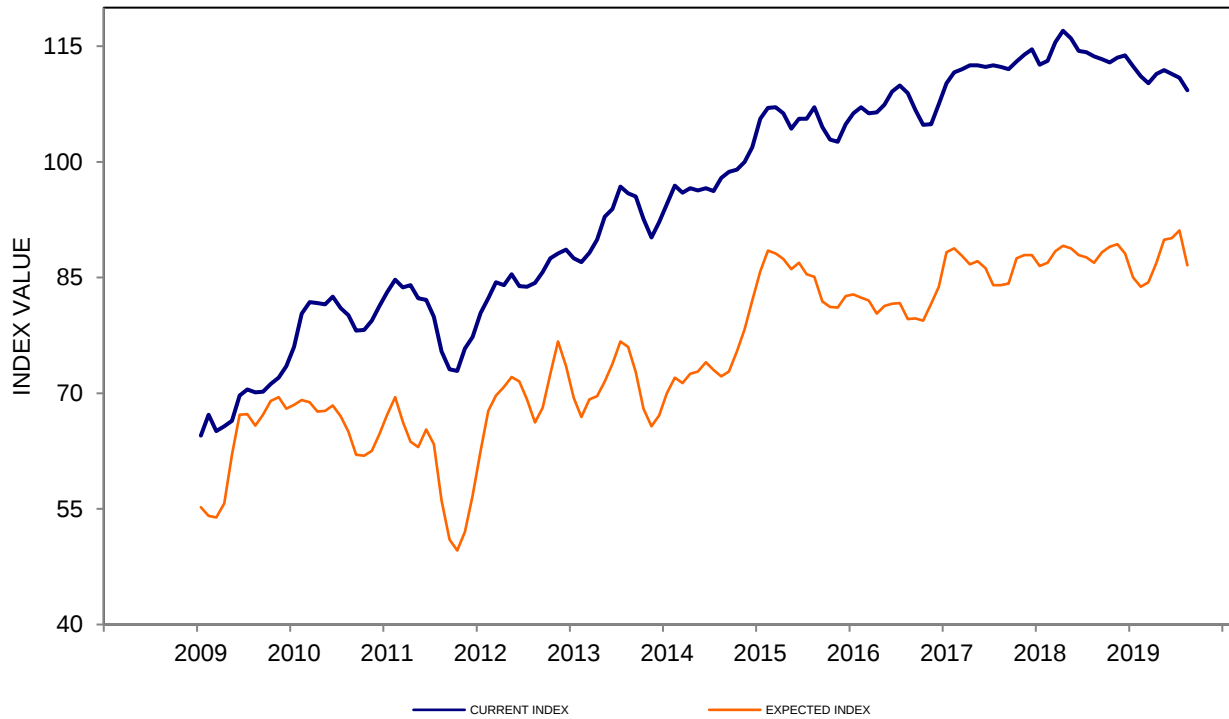


CHART 5: CURRENT AND EXPECTED COMPONENTS OF THE SENTIMENT INDEX

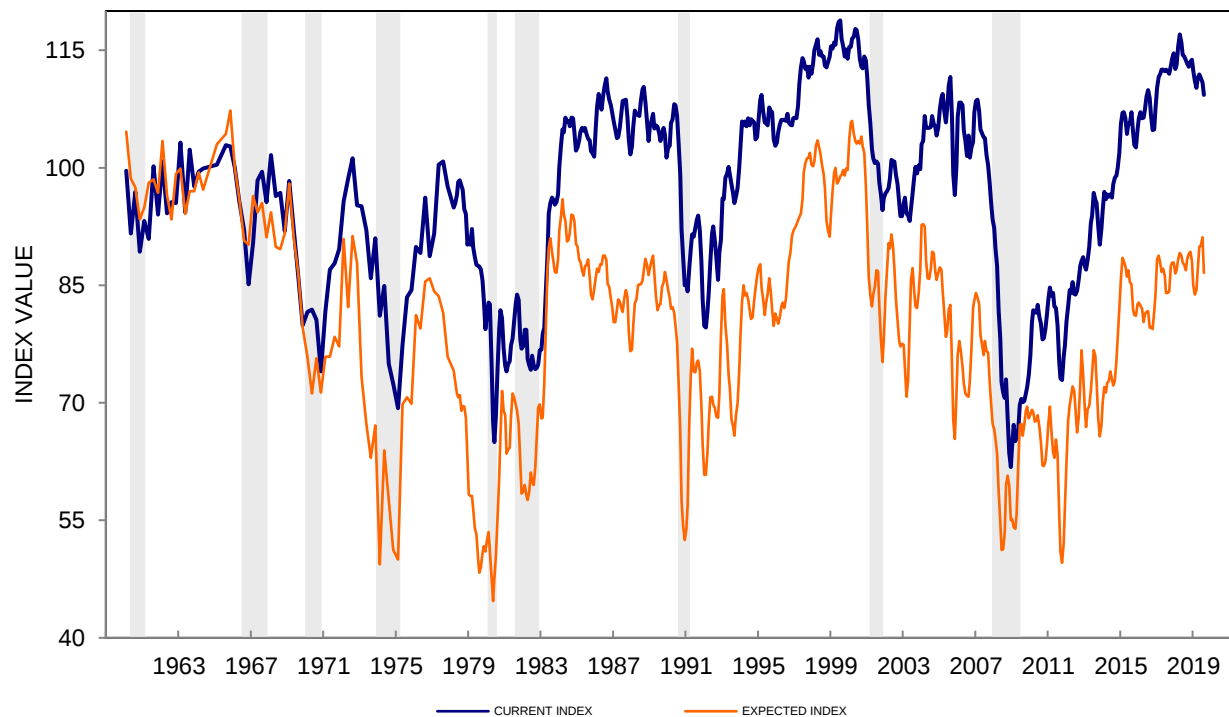


TABLE 6**CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
BETTER OFF	55%	56%	52%	51%	54%	50%	49%	56%	53%	54%	53%	52%	50%
SAME	23	23	26	28	25	27	26	26	27	26	25	27	26
WORSE OFF	22	21	22	21	21	23	25	18	20	20	22	21	23
DK, NA	*	*	*	*	*	*	*	*	*	*	*	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	133	135	130	130	133	127	124	138	133	134	131	131	127

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

All	134	134	133	132	131	130	128	130	132	135	133	132	130
Age 18 to 44	145	145	146	145	143	143	141	144	144	145	143	143	145
Age 45 to 64	135	132	129	127	127	125	123	126	129	130	126	125	122
Age 65+	115	118	118	120	119	116	114	115	118	127	125	125	117
Income Bottom Third	106	109	108	113	111	112	107	110	111	116	109	111	107
Income Middle Third	142	139	137	136	135	131	127	131	139	143	143	136	136
Income Top Third	156	152	151	144	146	146	150	148	146	147	147	150	147

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?"

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

CHART 6: CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

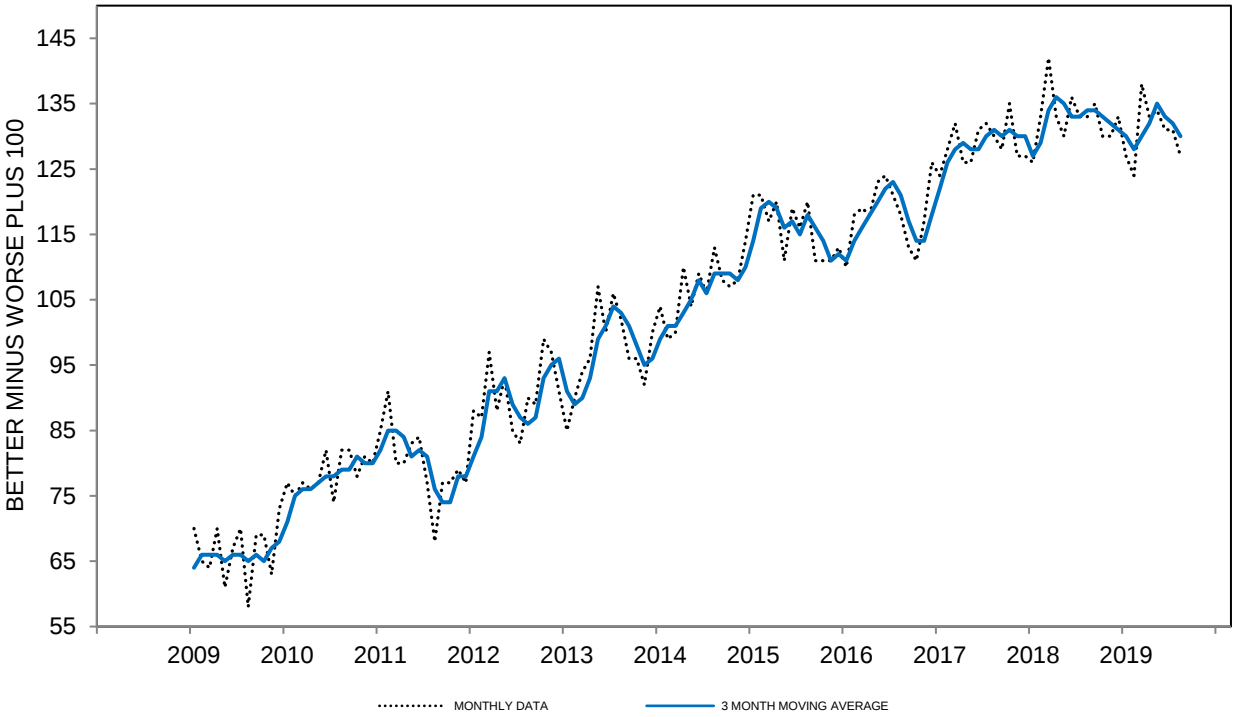


CHART 6: CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

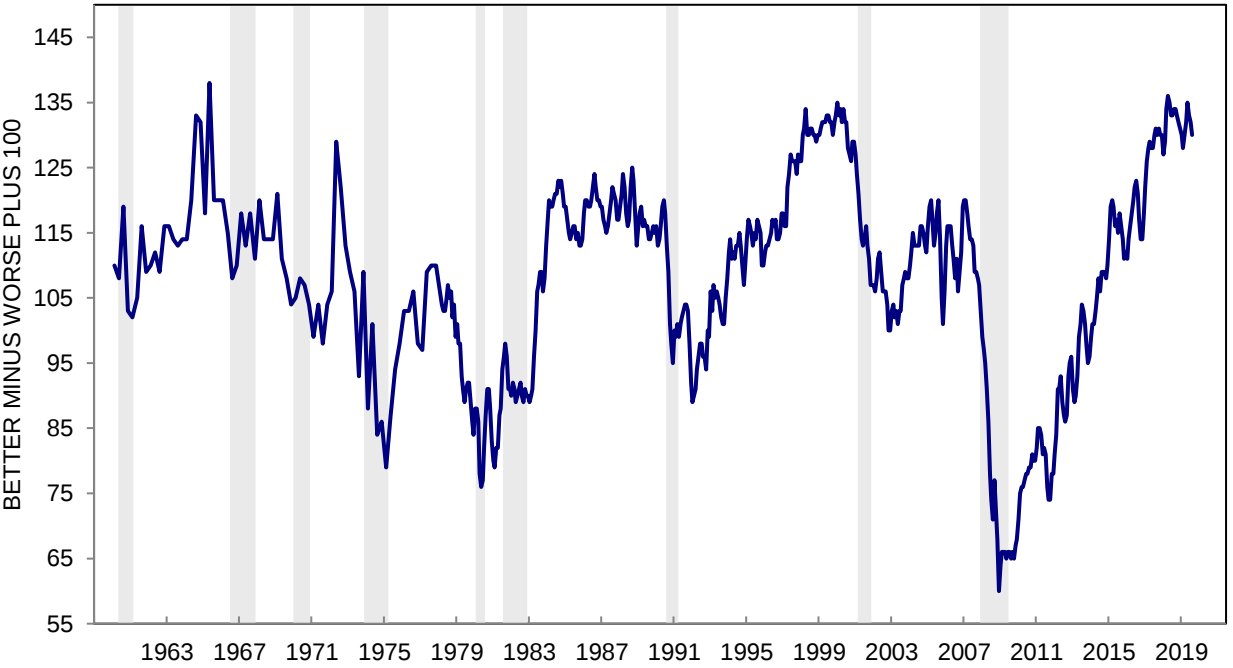


TABLE 7

SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
BETTER THAN YEAR AGO:													
Income higher	43%	44%	40%	41%	41%	40%	40%	47%	40%	44%	43%	41%	42%
Increased HH Contribution	5	4	2	4	4	7	6	6	4	4	3	3	5
Assets Higher	9	10	11	9	7	8	7	9	10	10	9	9	10
Debt Lower	5	6	6	6	7	6	6	7	8	5	8	8	5
Expense Lower	8	6	9	8	8	6	6	10	9	6	8	6	6
WORSE THAN YEAR AGO:													
Income lower	16	14	18	18	16	17	17	14	18	17	17	19	16
Decreased HH Contribution	4	3	4	4	3	3	6	4	3	5	4	4	5
Higher prices	9	9	7	10	8	9	8	6	8	8	9	6	8
Assets Lower	1	1	1	2	2	4	4	1	2	1	2	1	2
Debt Higher	3	2	2	2	3	3	3	4	3	3	3	3	4
Expense Higher	6	7	5	5	5	5	7	3	5	4	4	5	7

SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION

INCOME HIGHER - INCOME LOWER (THREE MONTH MOVING AVERAGES)

All	28	28	26	25	23	24	24	26	26	27	25	25	25
Age 18 to 44	39	40	42	40	38	40	40	43	42	43	42	39	41
Age 45 to 64	27	27	22	20	18	18	18	21	23	22	18	17	17
Age 65+	12	11	11	12	11	7	6	9	7	12	10	14	11
Income Bottom Third	6	10	10	11	6	6	5	7	7	10	7	8	7
Income Middle Third	36	33	30	28	27	26	24	29	31	32	33	30	30
Income Top Third	44	42	39	35	37	37	42	42	41	41	39	42	42

HIGHER PRICES (THREE MONTH MOVING AVERAGES)

All	8	8	8	9	8	9	8	8	7	7	8	8	8
Age 18 to 44	5	5	5	6	5	7	7	6	5	5	5	5	5
Age 45 to 64	9	9	9	10	10	9	9	8	9	9	11	10	9
Age 65+	12	11	11	10	11	12	10	9	8	8	10	9	11
Income Bottom Third	14	12	13	12	12	12	12	12	12	11	12	12	13
Income Middle Third	7	7	7	7	8	9	9	7	5	5	6	8	7
Income Top Third	4	6	6	7	6	5	4	3	4	5	6	4	3

**(ASSETS HIGHER + DEBTS LOWER) - (ASSETS LOWER + DEBTS HIGHER)
(THREE MONTH MOVING AVERAGES)**

All	11	11	12	13	11	9	7	8	10	12	12	12	11
Age 18 to 44	8	9	8	9	6	7	6	8	10	10	10	9	8
Age 45 to 64	15	13	14	14	15	10	9	9	12	12	12	12	11
Age 65+	12	14	15	16	14	10	6	5	6	13	16	16	13
Income Bottom Third	-1	0	3	4	4	3	1	1	2	4	3	4	2
Income Middle Third	17	16	13	12	10	6	5	7	12	13	15	12	12
Income Top Third	20	20	20	20	19	17	15	15	17	20	20	20	19

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

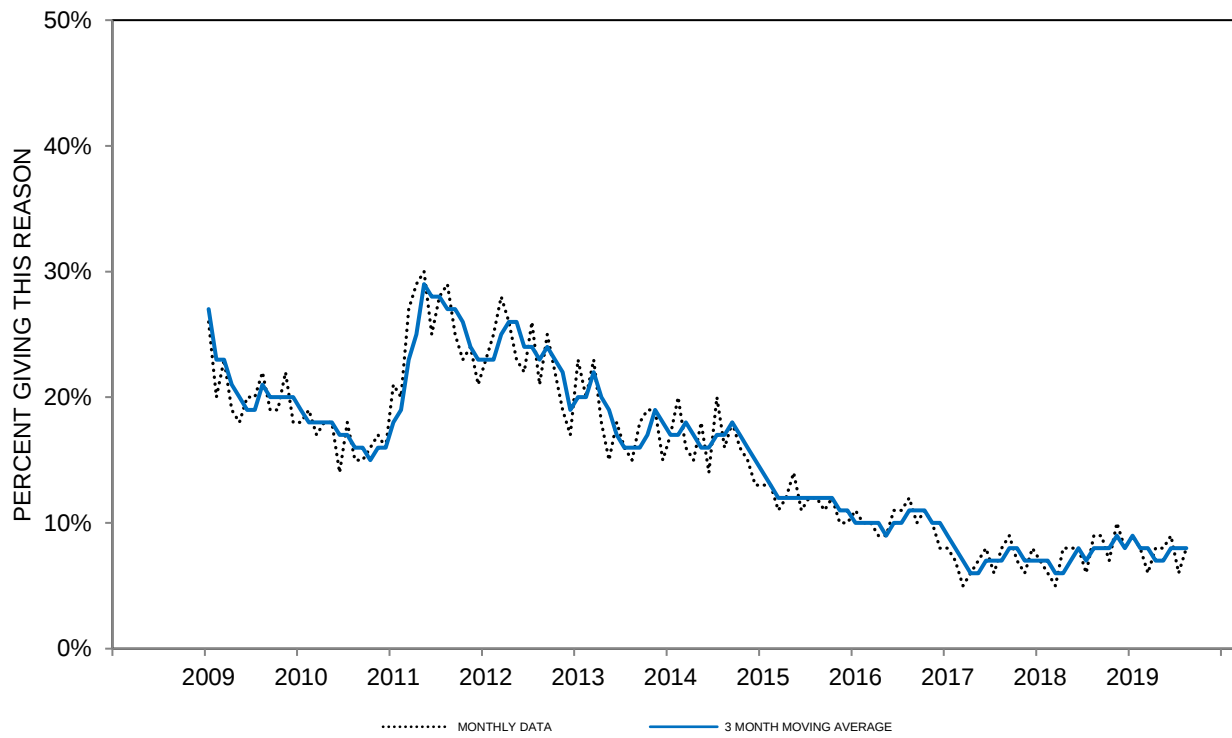
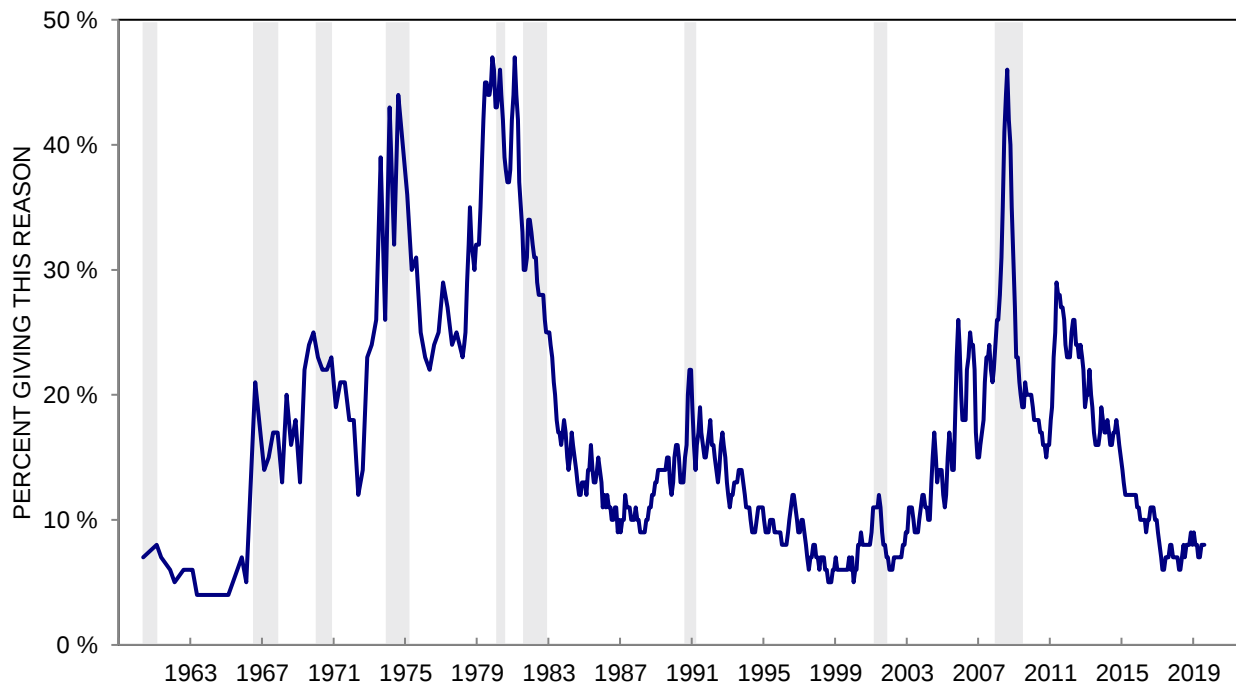
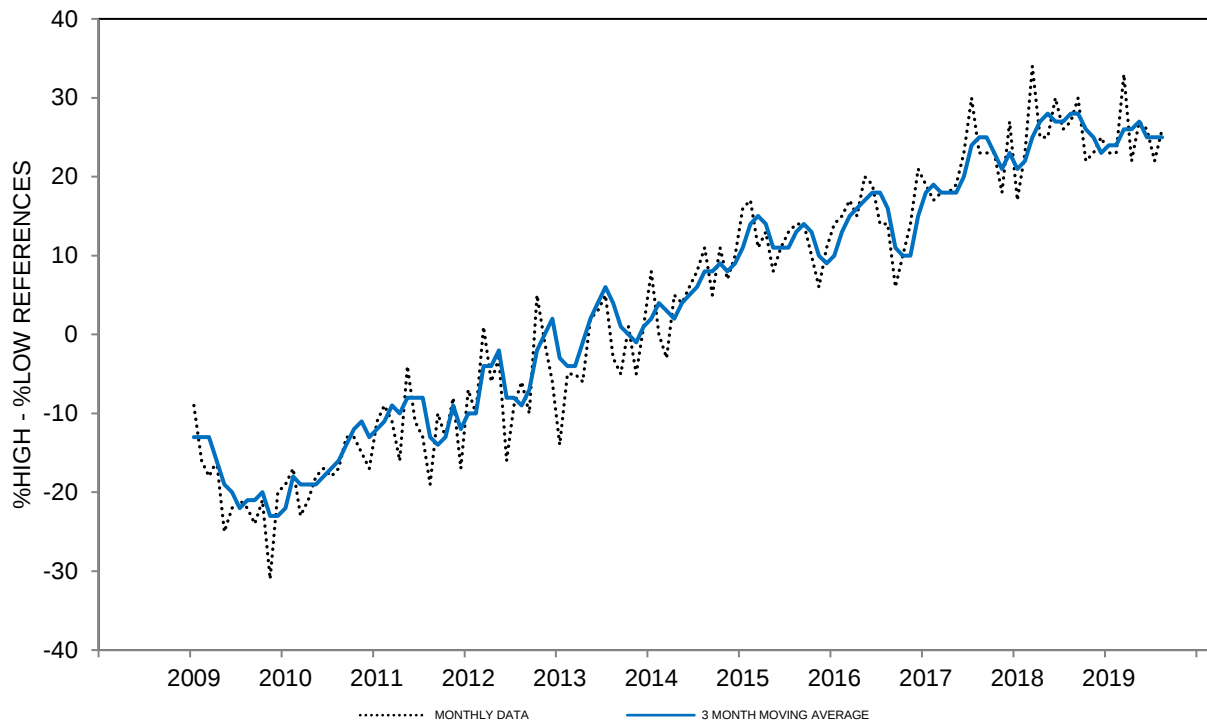


CHART 7A: HIGHER PRICES AS REASONS FOR WORSE PERSONAL FINANCES



**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)**

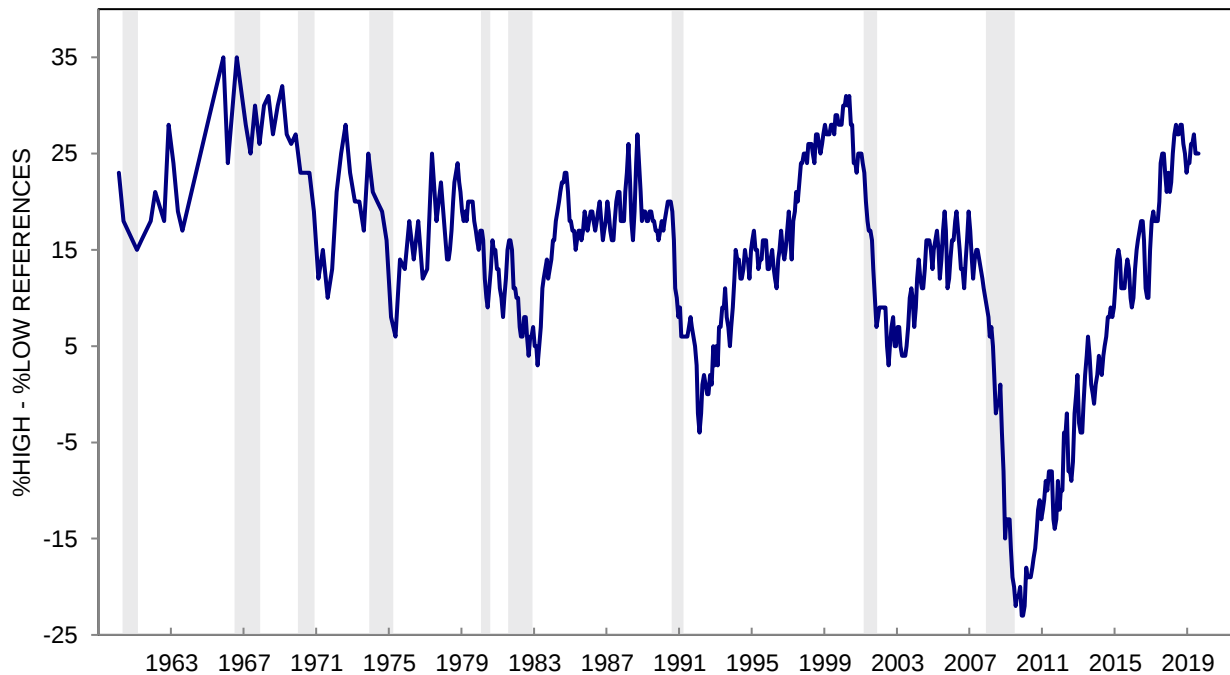


CHART 7C: WEALTH REASONS FOR CHANGES IN PERSONAL FINANCES:
NET CHANGE IN ASSETS AND DEBTS
(Higher Assets + Lower Debts) - (Lower Assets + Higher Debts)

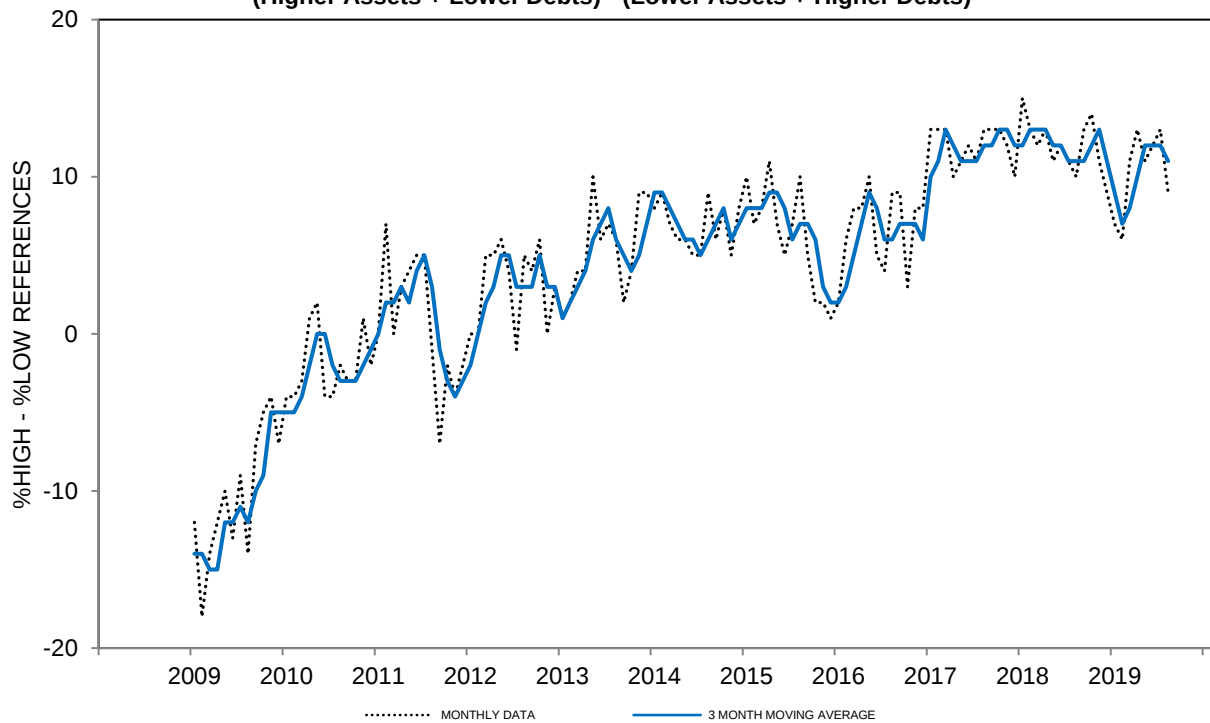


CHART 7C: WEALTH REASONS FOR CHANGES IN PERSONAL FINANCES:
NET CHANGE IN ASSETS AND DEBTS
(Higher Assets + Lower Debts) - (Lower Assets + Higher Debts)

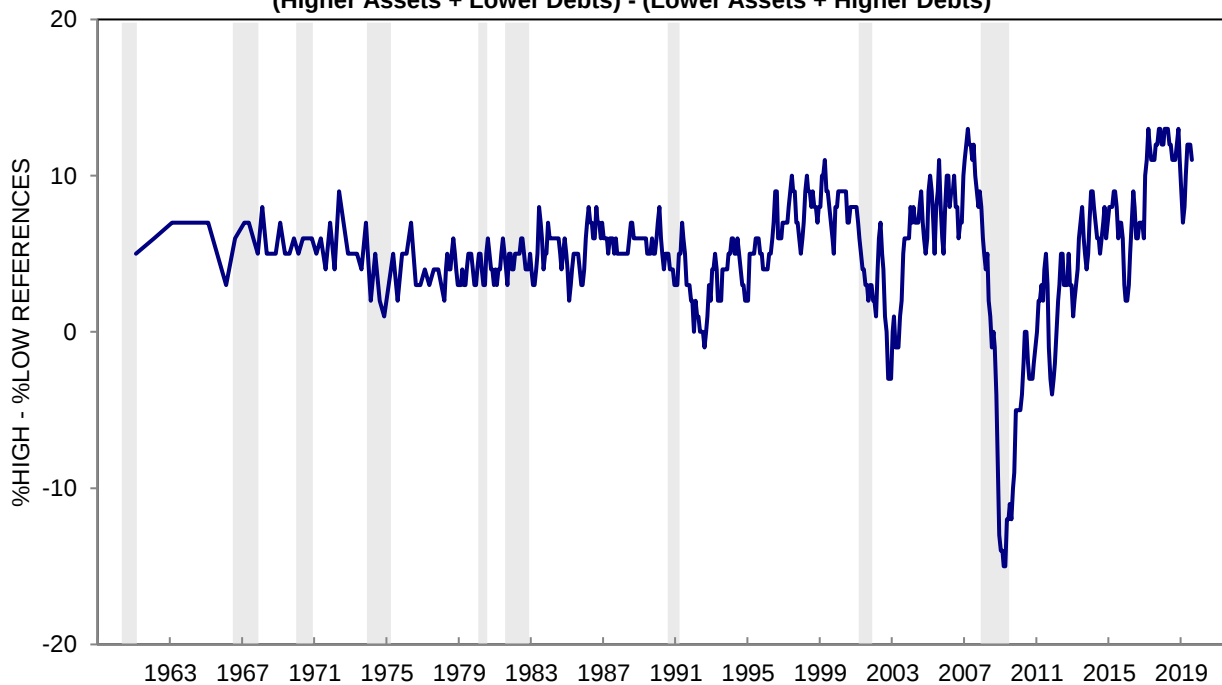


TABLE 8**EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
BETTER OFF	42%	44%	40%	38%	39%	41%	42%	40%	44%	45%	44%	44%	36%
SAME	44	46	48	50	50	45	47	48	46	44	44	47	48
WORSE OFF	11	9	9	9	10	10	9	9	8	10	10	7	13
DK, NA	3	1	3	3	1	4	2	3	2	1	2	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	131	135	131	129	129	131	133	131	136	135	134	137	123

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

All	131	133	132	132	130	130	131	132	133	134	135	135	131
Age 18 to 44	148	150	146	144	141	144	149	152	151	150	151	152	148
Age 45 to 64	128	129	131	131	132	129	128	126	130	134	133	133	127
Age 65+	107	113	113	114	108	107	109	111	113	109	112	113	112
Income Bottom Third	125	131	130	131	125	125	124	125	130	131	135	132	130
Income Middle Third	133	134	134	130	132	131	134	134	136	136	136	136	132
Income Top Third	135	135	133	135	133	134	135	136	137	137	137	138	133

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

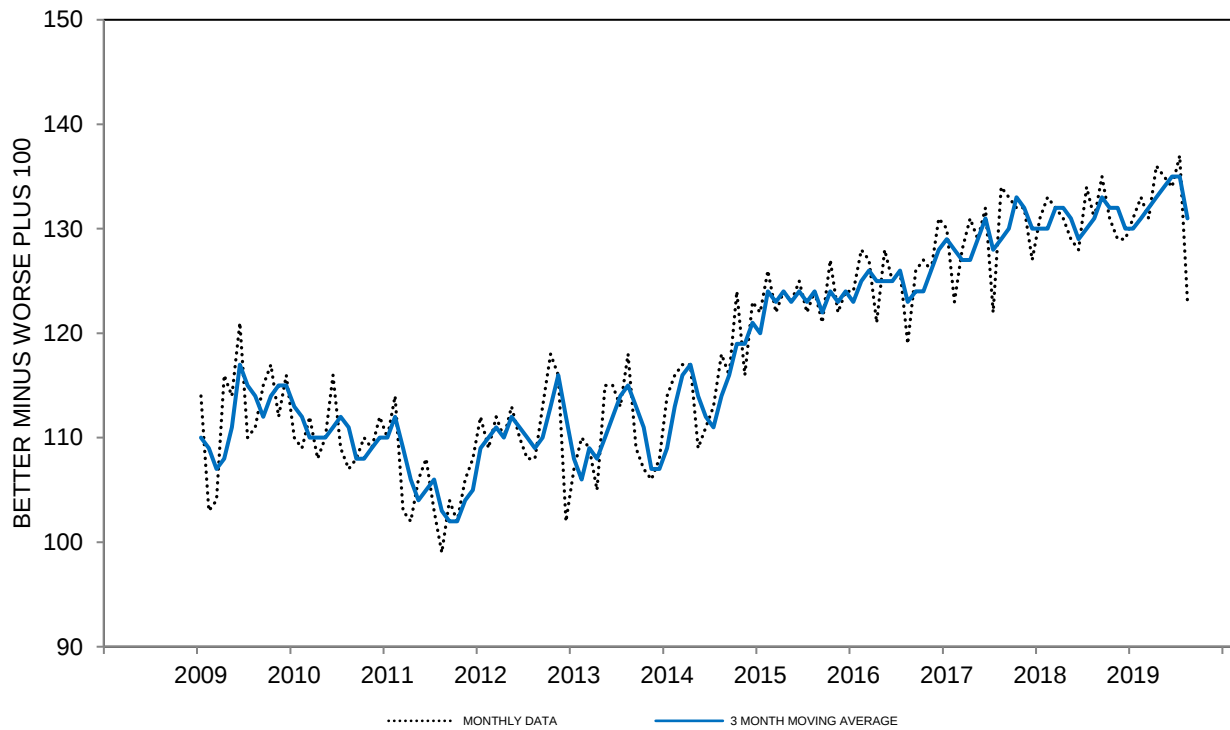


CHART 8: EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR

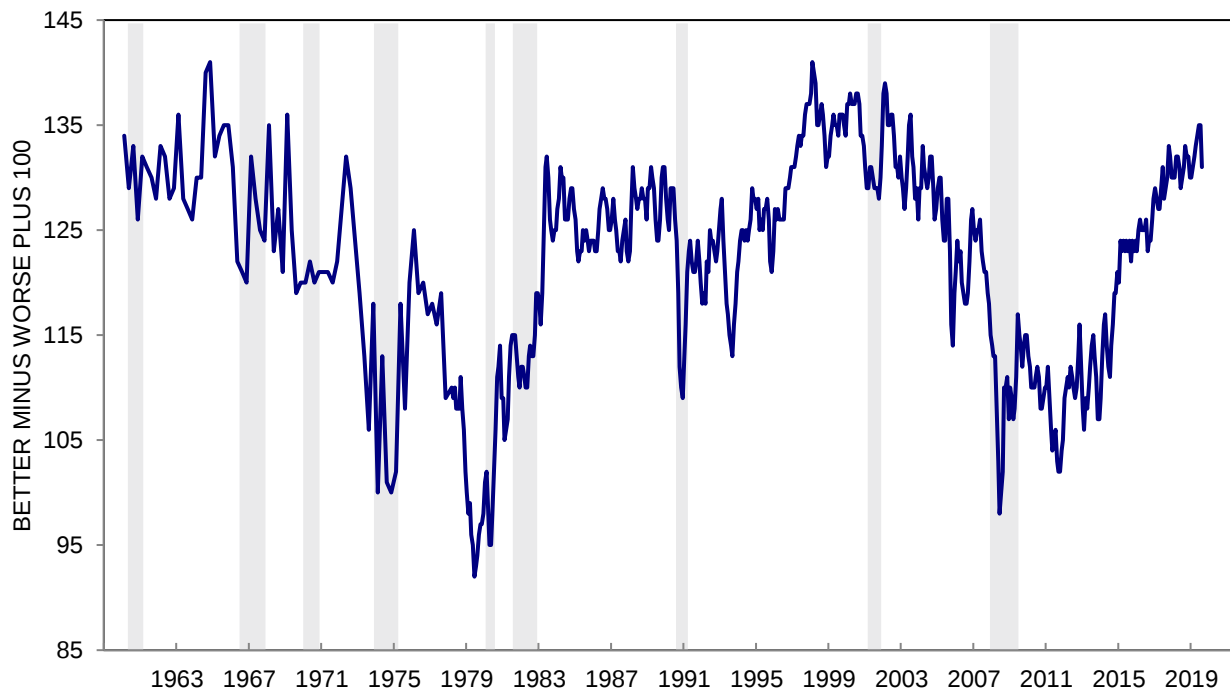


TABLE 9**ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
Personal Financial Progress													
Continuous increase (a)	30%	31%	27%	24%	27%	29%	26%	30%	28%	32%	31%	31%	26%
Intermittent increase (b)	27	28	27	31	31	24	27	29	31	26	27	25	25
Remain unchanged (c)	13	16	17	16	14	17	16	17	16	16	14	19	17
Intermittent decline (d)	14	11	12	12	13	13	13	11	10	13	13	11	16
Continuous decline (e)	5	4	4	5	5	5	5	4	4	4	6	3	5
Mixed change (f)	8	8	10	9	9	8	11	6	9	7	7	8	8
DK, NA	3	2	3	3	1	4	2	3	2	2	2	3	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	138	144	138	138	140	135	135	144	145	141	139	142	130

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

All	140	141	140	140	139	138	137	138	141	143	142	141	137
Age 18 to 44	156	158	157	157	154	155	155	158	160	159	157	157	157
Age 45 to 64	139	138	137	136	136	134	131	131	134	137	135	135	129
Age 65+	116	119	118	121	120	117	118	120	125	129	127	124	117
Income Bottom Third	118	123	121	126	122	123	120	122	126	130	127	127	124
Income Middle Third	147	145	145	144	142	137	136	140	148	149	149	143	141
Income Top Third	158	156	153	149	151	152	155	152	152	152	153	154	150

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

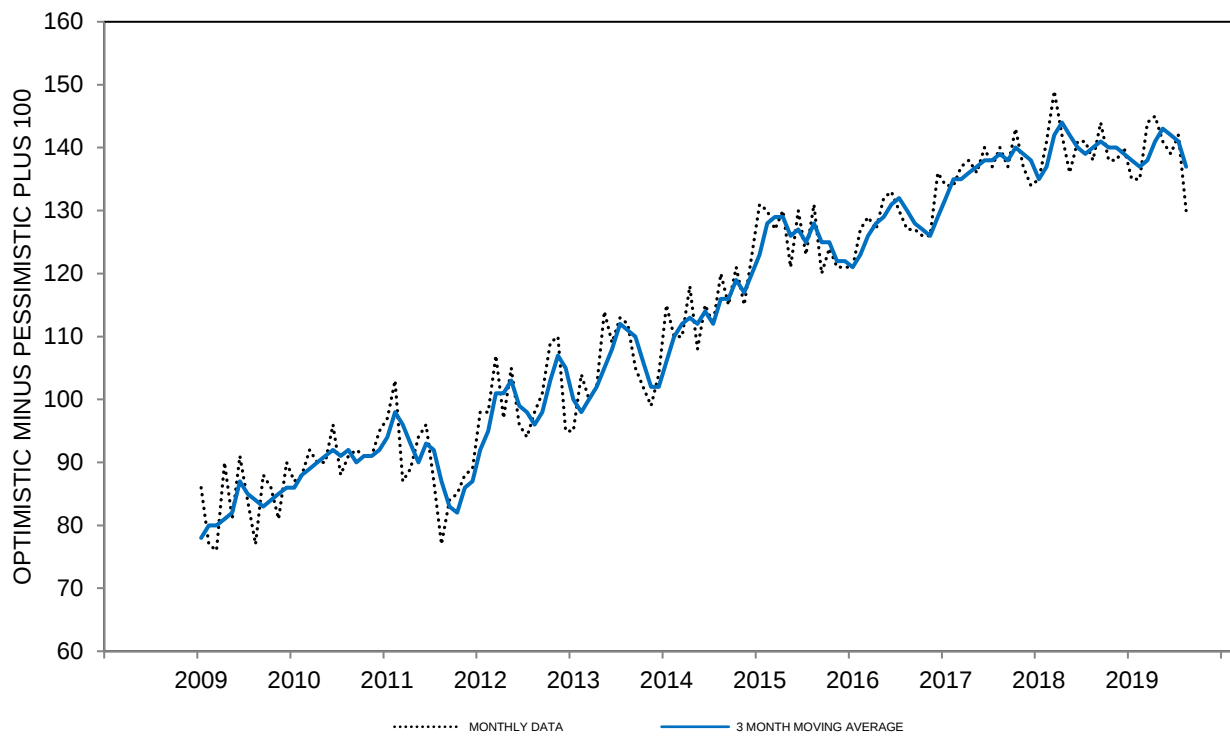


CHART 9: ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

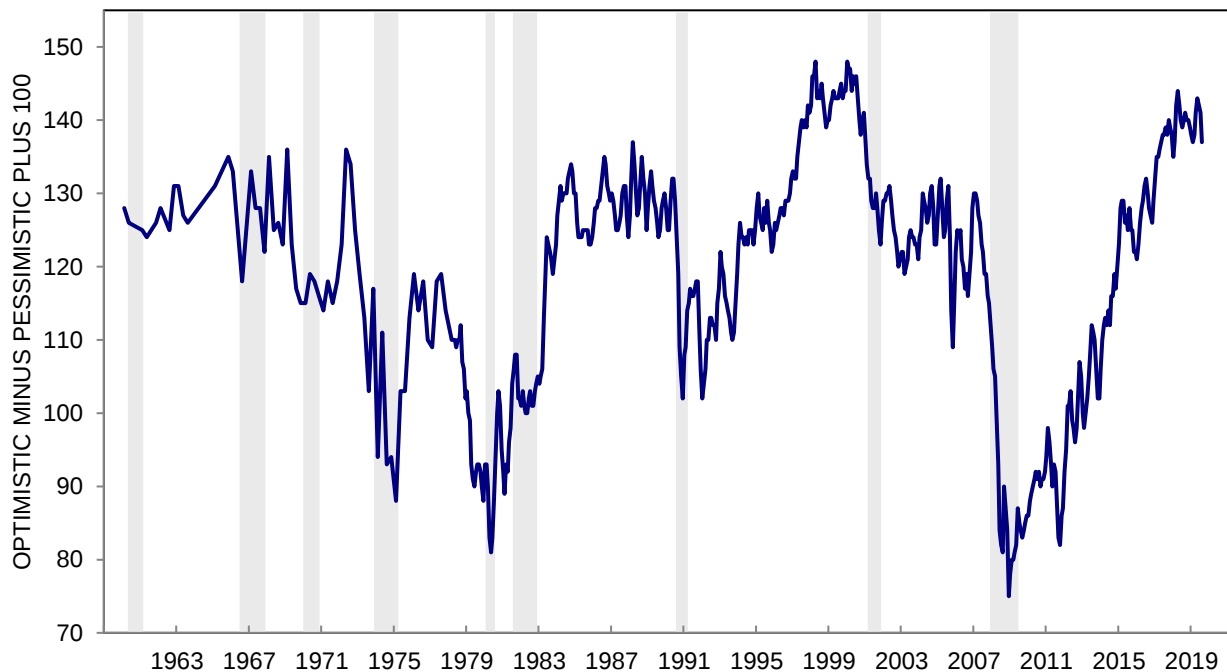


TABLE 10**CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
BETTER OFF	67%	71%	67%	63%	66%	67%	65%	69%	65%	65%	65%	68%	65%
SAME	10	9	9	11	8	10	10	10	11	10	10	9	11
WORSE OFF	22	19	23	25	24	23	25	21	23	24	24	23	23
DK, NA	1	1	1	1	2	*	*	*	1	1	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	145	152	144	138	142	144	140	148	142	141	141	145	142

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

All	146	149	147	145	141	141	142	144	143	144	141	142	143
Age 18 to 44	160	165	161	159	152	153	157	160	157	156	154	156	158
Age 45 to 64	143	144	143	141	140	139	137	141	143	142	136	137	138
Age 65+	124	130	131	130	128	124	124	124	124	128	128	128	122
Income Bottom Third	115	120	121	119	112	110	113	115	115	115	111	109	111
Income Middle Third	151	152	149	149	147	146	145	147	149	150	149	147	145
Income Top Third	172	172	168	164	163	166	169	169	167	167	167	172	172

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

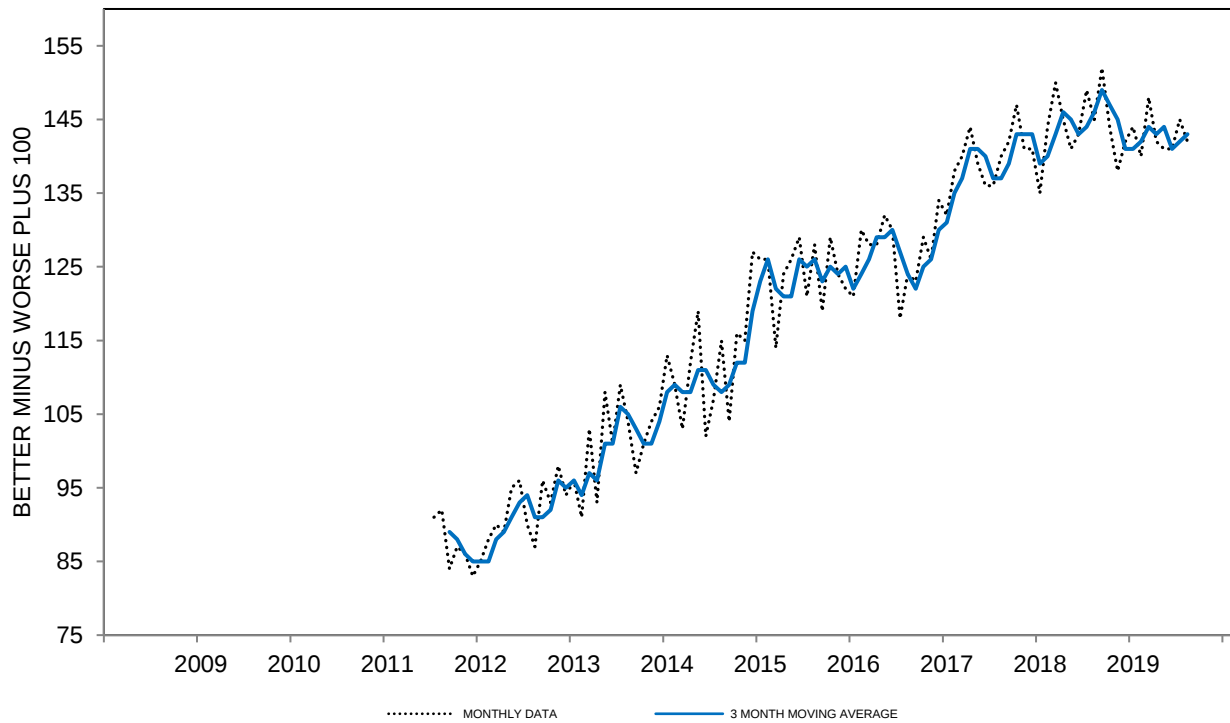


CHART 10: CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO

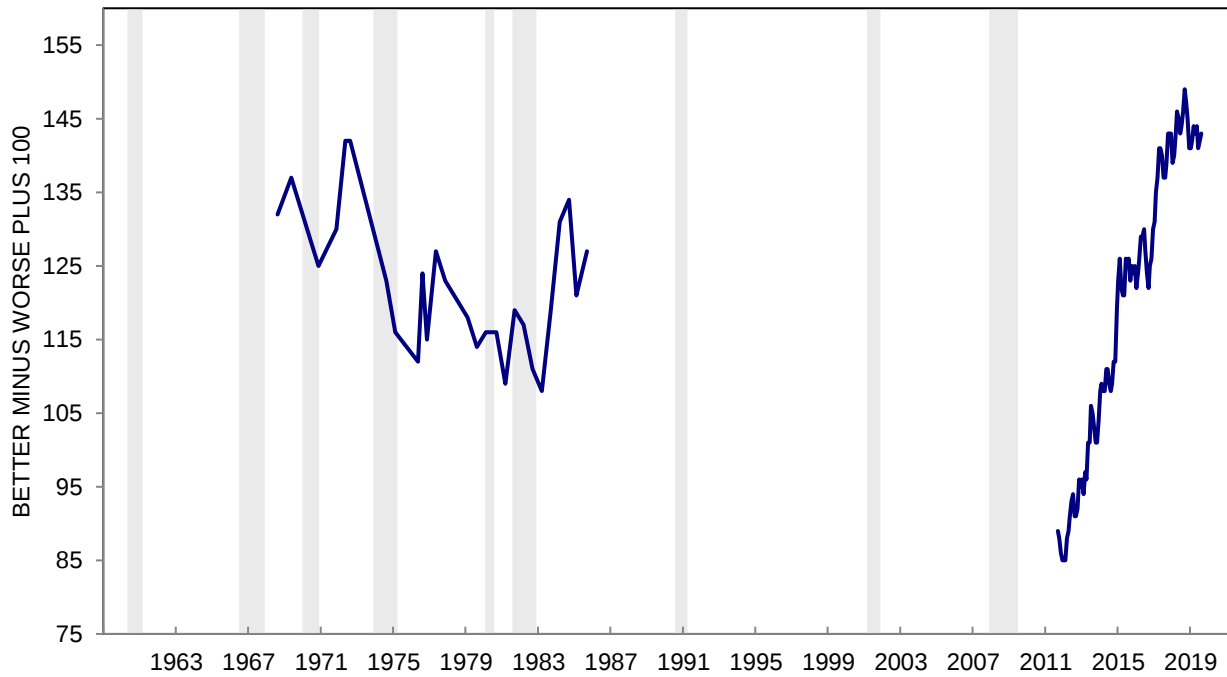


TABLE 11**EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
BETTER OFF	53%	54%	56%	51%	53%	53%	54%	55%	60%	53%	56%	52%	53%
SAME	29	31	29	32	30	32	31	31	28	32	30	32	29
WORSE OFF	13	11	12	13	13	12	11	11	10	10	10	13	14
DK, NA	5	4	3	4	4	3	4	3	2	5	4	3	4
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	140	143	144	138	140	141	143	144	150	143	146	139	139

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

All	140	142	142	142	141	140	141	143	146	146	146	143	141
Age 18 to 44	167	171	169	168	165	165	169	173	174	173	171	169	169
Age 45 to 64	132	132	136	136	138	136	136	137	141	142	143	138	136
Age 65+	106	111	110	109	104	103	106	107	110	109	113	108	104
Income Bottom Third	133	136	137	141	136	135	133	137	140	142	143	139	142
Income Middle Third	143	144	145	143	145	143	145	144	148	149	150	145	141
Income Top Third	145	147	145	143	141	142	146	147	150	149	149	146	143

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

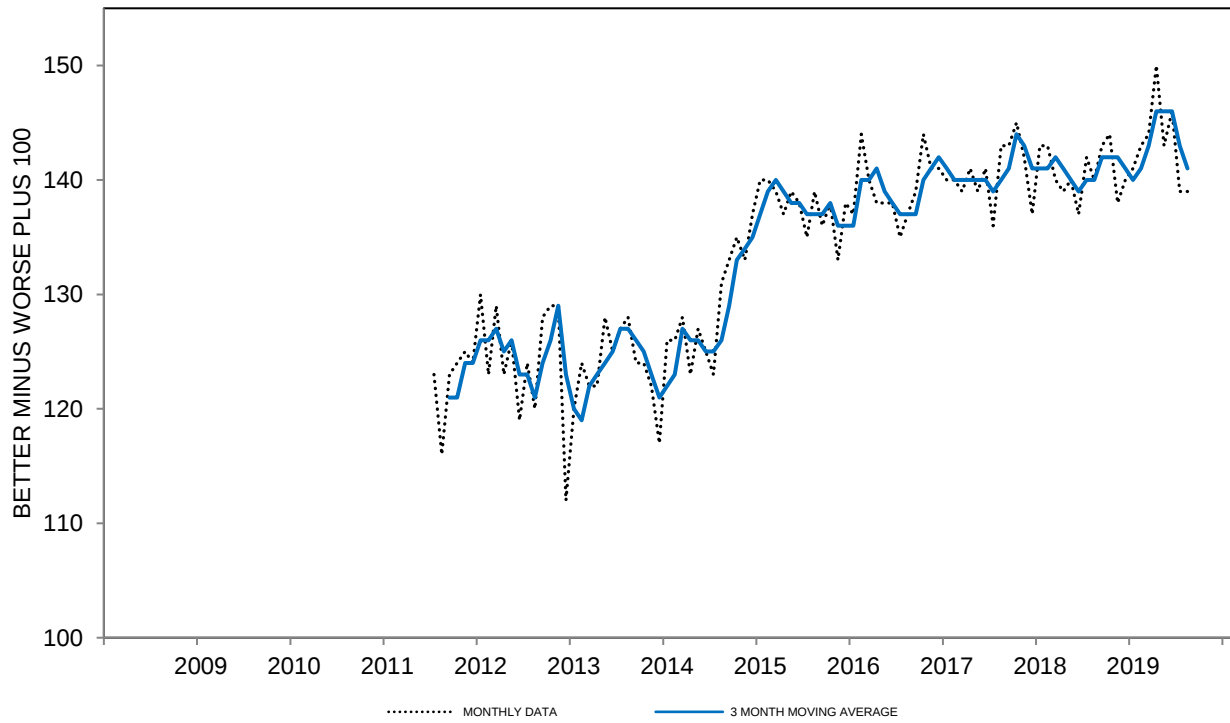


CHART 11: EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS

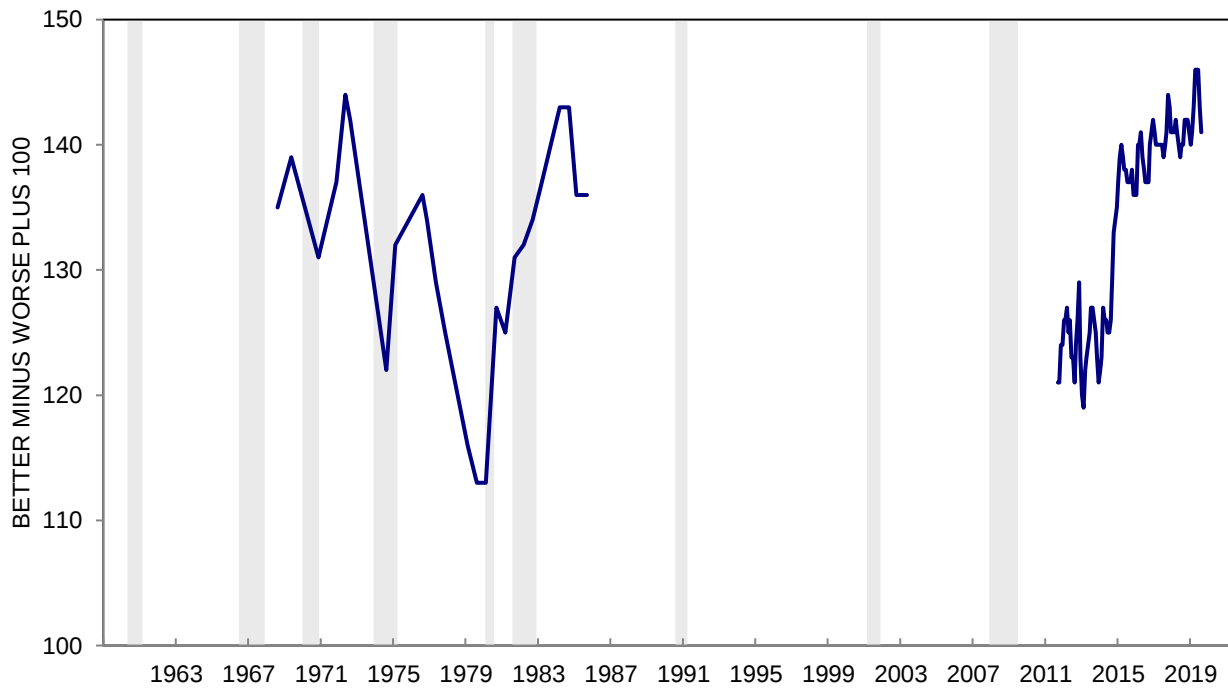


TABLE 12

FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
Personal Financial Progress													
Continuous increase (a)	42%	44%	41%	38%	38%	40%	40%	43%	43%	40%	42%	40%	39%
Intermittent increase (b)	20	22	22	21	23	23	21	21	22	22	21	21	20
Remain unchanged (c)	5	4	4	6	3	5	5	6	4	6	5	5	6
Intermittent decline (d)	8	8	8	10	7	7	10	7	7	8	9	9	7
Continuous decline (e)	6	5	5	6	5	5	5	5	5	6	5	5	7
Mixed change (f)	14	12	16	14	19	16	14	14	16	12	14	16	18
DK, NA	5	5	4	5	5	4	5	4	3	6	4	4	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	148	153	150	143	149	151	146	152	153	148	149	147	145

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

All	149	152	150	149	147	148	149	150	150	151	150	148	147
Age 18 to 44	168	172	169	168	164	166	168	170	169	169	167	167	168
Age 45 to 64	144	144	146	145	146	144	144	147	151	149	146	143	142
Age 65+	123	129	129	126	124	122	124	124	123	126	129	125	120
Income Bottom Third	127	131	132	133	128	126	127	129	131	133	130	126	128
Income Middle Third	153	154	153	152	154	152	151	152	156	156	157	152	150
Income Top Third	168	169	164	160	160	164	168	168	167	167	167	169	167

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

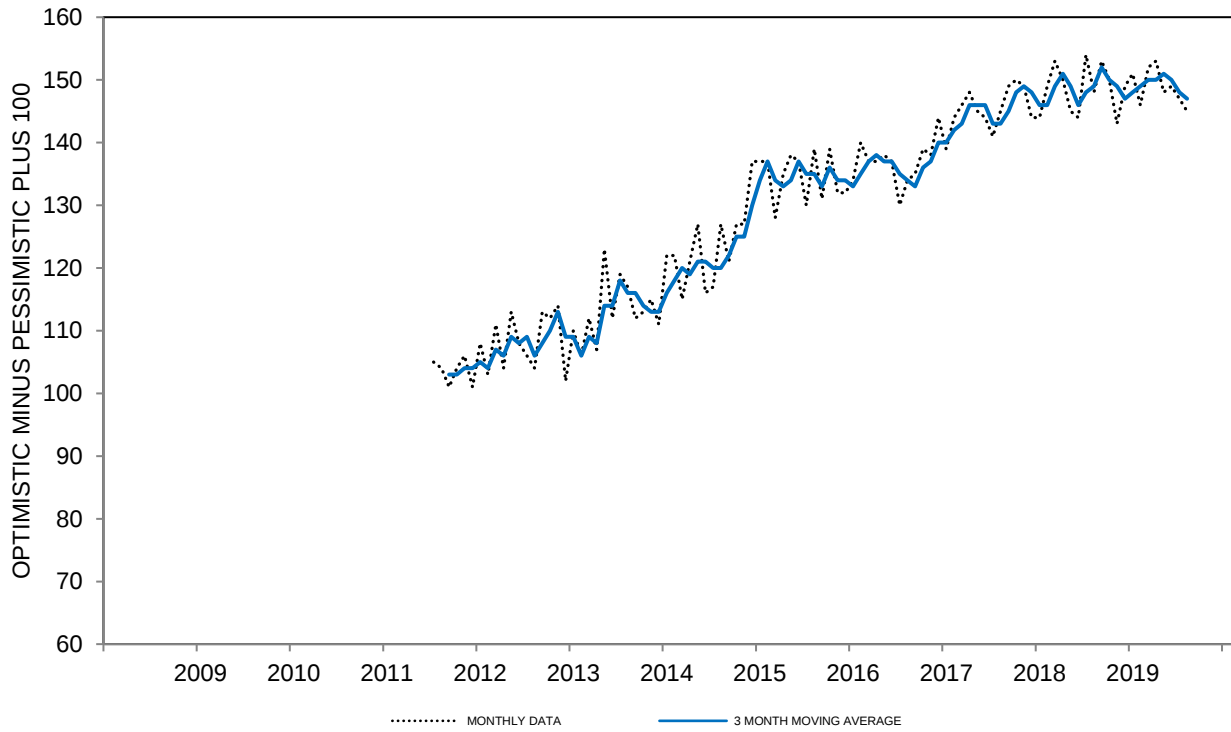


CHART 12: FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

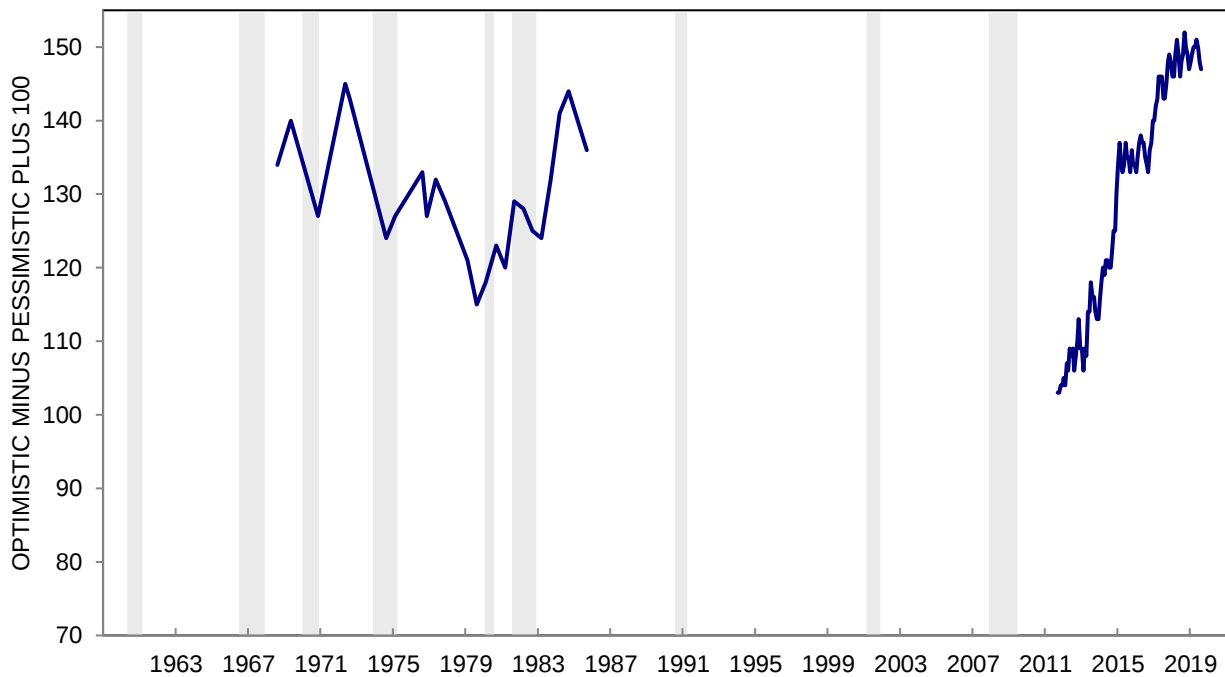


TABLE 13**EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
EXPECT INCREASE:													
1-2%	13%	15%	16%	12%	18%	15%	13%	13%	15%	15%	15%	16%	13%
3-4%	13	15	11	15	14	12	12	14	14	14	11	12	14
5%	11	8	11	9	10	8	10	10	8	8	10	8	8
6-9%	3	4	4	4	3	4	3	4	3	2	3	3	4
10-24%	13	12	11	11	13	13	12	13	12	14	13	13	11
25% or more	7	6	7	10	8	9	6	8	8	7	8	11	7
DK how much up	2	2	1	1	1	2	1	2	1	1	1	2	2
EXPECT SAME	25	22	26	27	22	23	29	25	26	26	25	24	27
EXPECT DOWN	12	16	13	10	10	13	13	11	12	13	14	11	14
DK, NA	1	*	*	1	1	1	1	*	1	*	*	*	*
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cases	605	618	601	604	602	601	601	600	601	602	602	602	601
MEDIAN	2.4	2.1	1.8	2.5	2.4	2.2	1.7	2.6	2.1	2.1	2.0	2.3	1.8

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

All	2.4	2.2	2.1	2.1	2.2	2.4	2.1	2.2	2.1	2.3	2.1	2.1	2.0
Age 18 to 44	4.7	4.3	3.9	3.6	3.7	4.0	4.2	4.7	4.3	3.9	3.7	4.1	4.1
Age 45 to 64	2.3	2.0	1.8	2.1	2.3	2.4	1.8	1.8	2.0	2.2	2.0	1.9	1.9
Age 65+	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.2	0.3	0.3	0.3	0.3
Income Bottom Third	0.9	0.9	1.2	1.4	1.7	1.6	1.4	1.0	0.9	0.9	0.8	1.1	1.3
Income Middle Third	2.3	2.1	2.0	2.0	2.0	2.1	1.7	2.0	2.0	2.3	2.2	2.2	2.0
Income Top Third	3.2	3.1	2.7	2.7	2.8	3.1	3.0	3.1	3.0	3.0	2.9	2.9	2.8

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

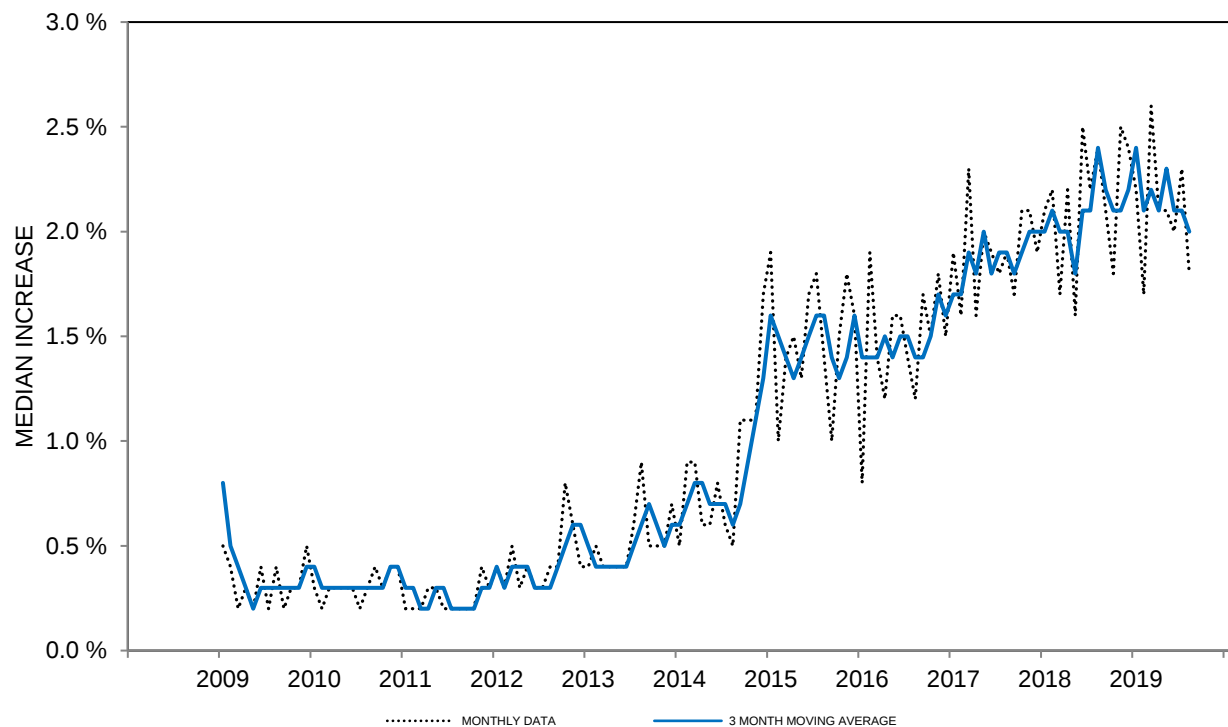


CHART 13: EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

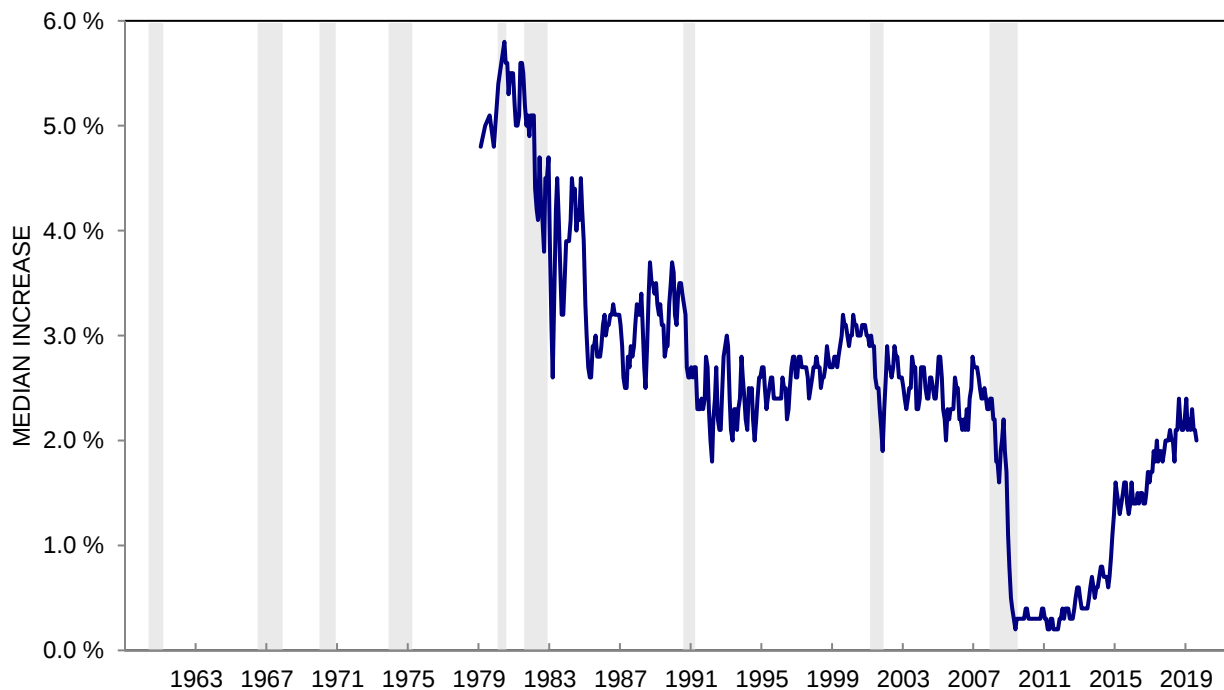


TABLE 14**EXPECTED CHANGE IN REAL HOUSEHOLD INCOME DURING THE NEXT YEAR**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
INCOME UP MORE	24%	25%	23%	25%	25%	26%	28%	27%	24%	25%	26%	28%	23%
INCOME UP SAME	37	40	39	37	38	39	36	42	40	38	33	35	38
PRICES UP MORE	38	34	37	37	35	33	35	30	34	36	39	36	37
DK, NA	1	1	1	1	2	2	1	1	2	1	2	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	86	91	86	88	90	93	93	97	90	89	87	92	86

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

All	87	89	88	88	88	90	92	94	93	92	89	89	88
Age 18 to 44	105	107	106	107	105	108	112	118	117	113	108	108	107
Age 45 to 64	82	84	84	86	86	86	85	86	85	86	84	86	83
Age 65+	64	68	66	66	66	70	72	72	69	68	65	65	64
Income Bottom Third	69	73	73	74	72	72	74	72	71	69	69	72	74
Income Middle Third	84	83	86	88	89	88	86	91	92	95	92	91	86
Income Top Third	107	109	104	104	104	111	116	119	116	111	105	105	106

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

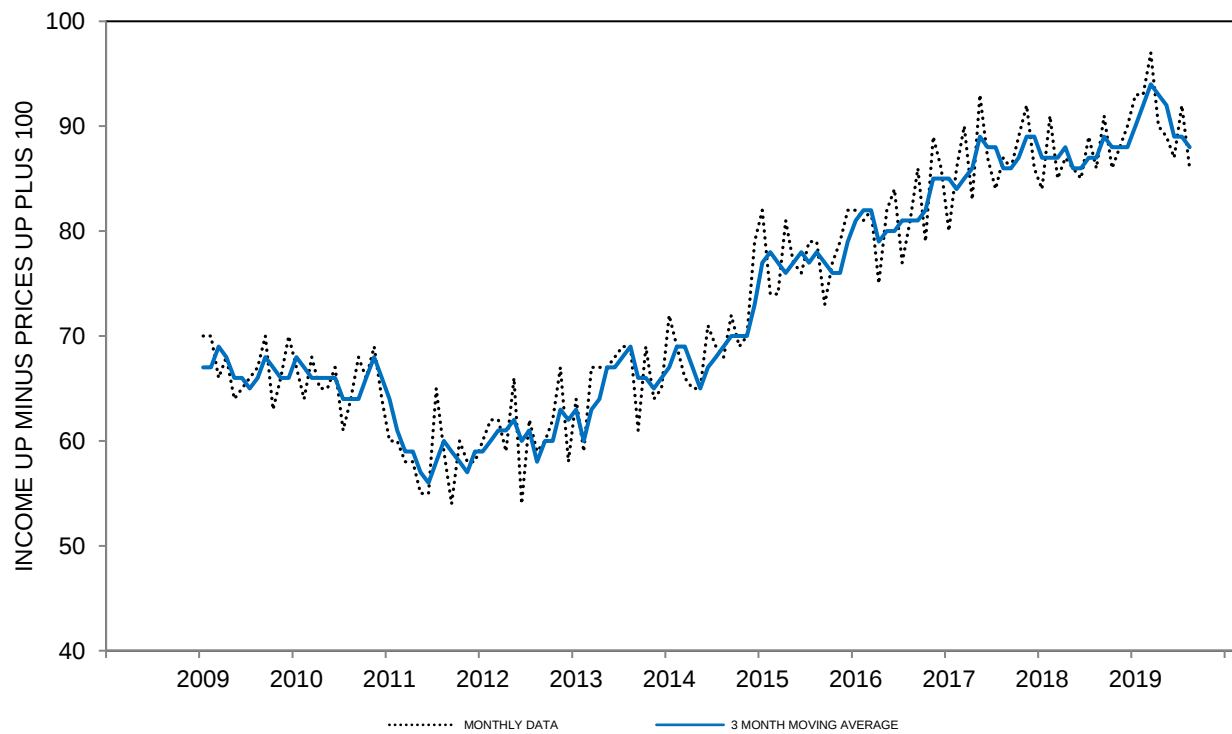


CHART 14: EXPECTED CHANGE IN REAL INCOME DURING THE NEXT YEAR

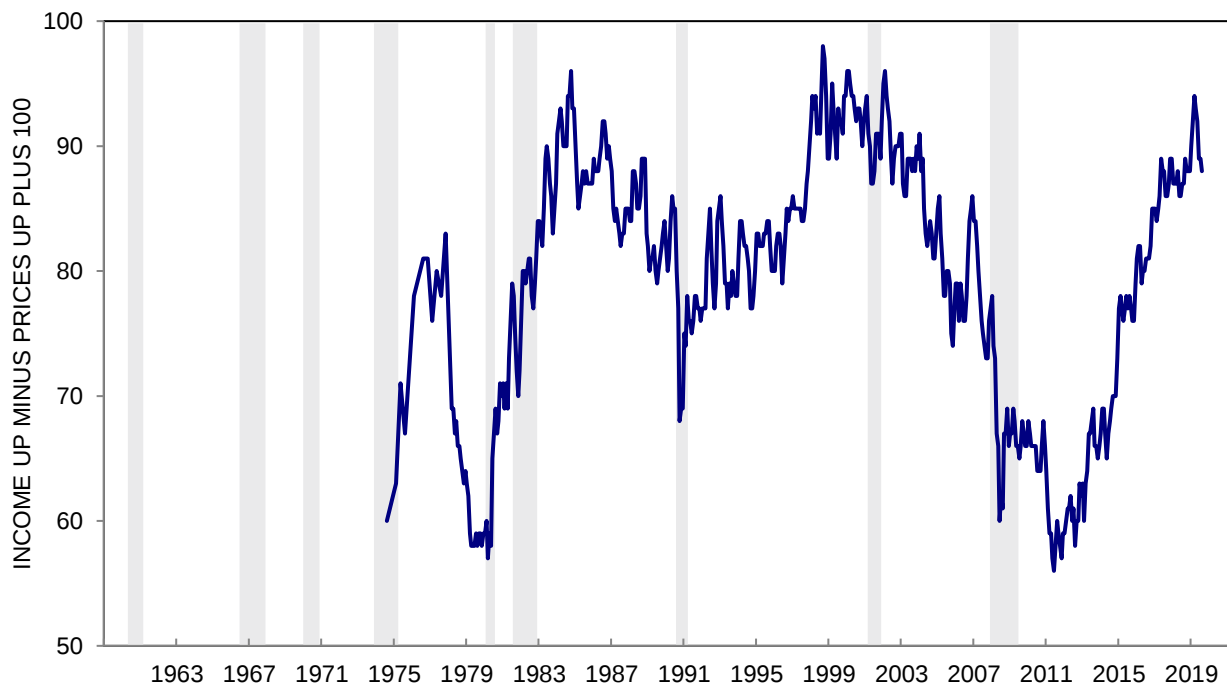


TABLE 15**PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE NEXT YEAR**

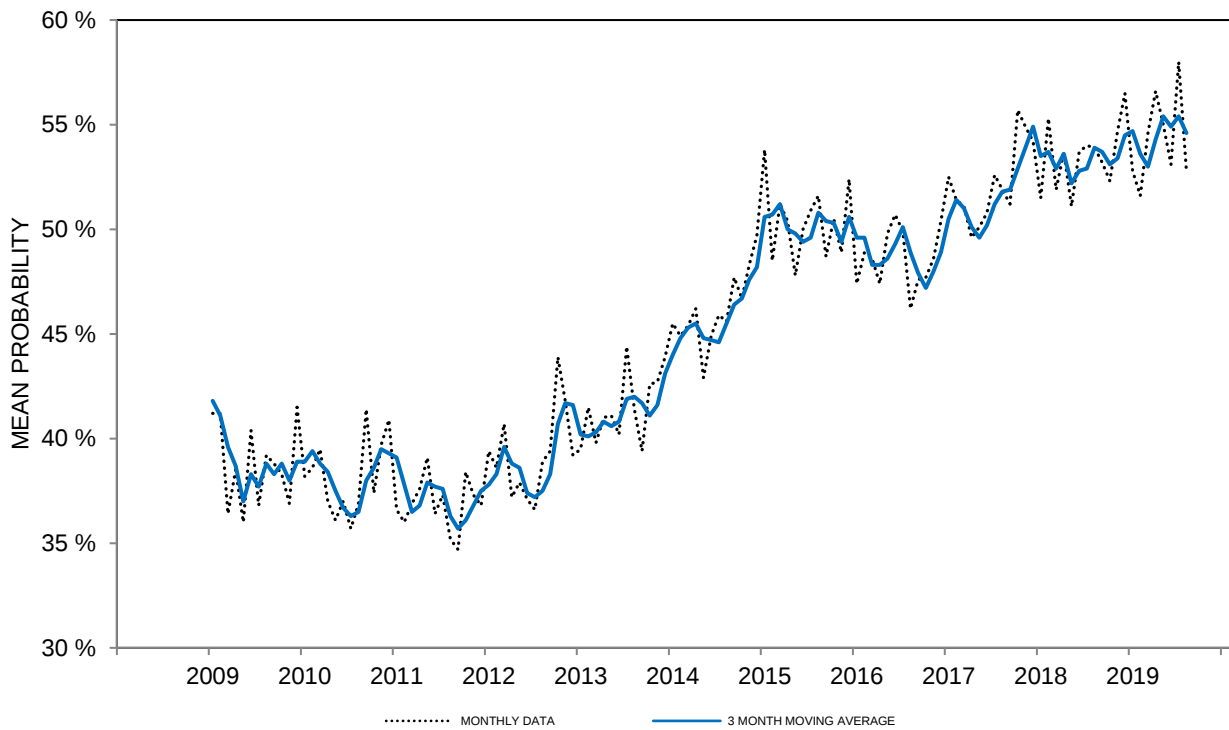
	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
0%	16%	16%	15%	16%	13%	17%	20%	16%	14%	15%	16%	13%	17%
1 - 24%	14	14	20	13	14	14	14	16	13	14	14	13	15
25 - 49%	5	7	5	8	6	6	4	5	7	7	6	5	4
50%	14	14	11	11	13	14	13	11	14	12	12	13	13
51 - 74%	8	7	9	9	10	9	8	8	8	8	10	9	8
75 - 99%	24	24	22	22	24	23	24	22	22	21	22	23	24
100%	18	17	18	20	19	17	16	21	22	22	19	23	18
DK, NA	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	605	618	601	604	602	601	601	600	601	602	602	602	601
MEAN	54	53	52	55	57	53	52	55	57	55	53	58	53

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

All	54	54	53	53	55	55	54	53	54	55	55	55	55
Age 18 to 44	66	68	66	65	65	67	68	68	68	68	67	68	68
Age 45 to 64	54	51	52	52	55	53	51	50	54	56	55	54	53
Age 65+	34	35	35	37	38	38	36	34	33	34	35	36	35
Income Bottom Third	44	43	42	44	46	46	44	41	43	45	45	46	48
Income Middle Third	57	56	56	55	57	56	54	55	57	59	59	58	57
Income Top Third	63	63	62	62	62	63	63	63	64	64	63	63	62

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**

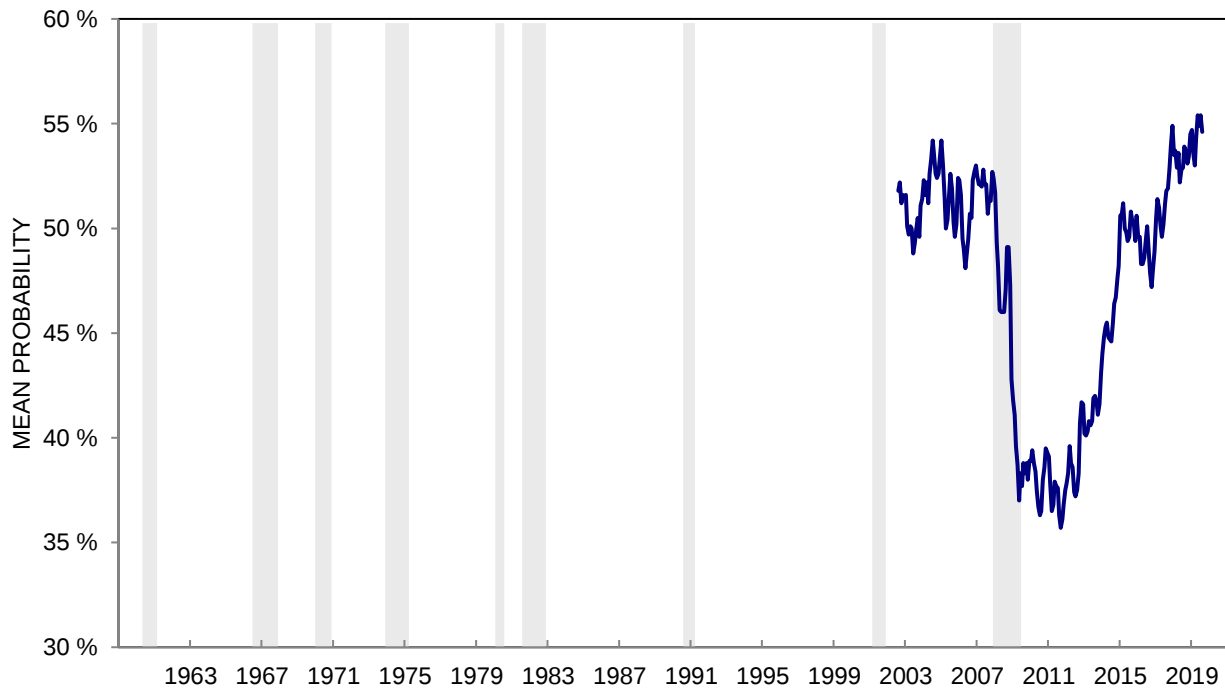


TABLE 16

PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
0%	12%	13%	12%	15%	11%	11%	16%	12%	12%	12%	14%	11%	15%
1 - 24%	29	28	27	23	25	25	26	25	22	27	25	25	24
25 - 49%	10	11	12	12	12	13	9	11	13	12	11	14	14
50%	18	16	17	19	18	17	14	16	19	18	18	14	14
51 - 74%	8	8	8	7	10	9	8	10	9	8	9	8	8
75 - 99%	17	17	18	17	16	17	21	16	18	16	16	20	18
100%	6	6	5	6	7	7	5	8	6	7	6	8	6
DK, NA	*	1	1	1	1	1	1	2	1	*	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
MEAN	41	41	41	41	44	43	42	44	43	42	41	45	41

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

All	42	42	41	41	42	43	43	43	43	43	42	43	42
Age 18 to 44	54	54	53	52	53	54	55	56	56	55	53	54	54
Age 45 to 64	40	39	39	39	40	40	40	41	41	41	39	40	41
Age 65+	26	27	27	28	28	30	29	28	28	29	30	28	28
Income Bottom Third	34	32	31	32	34	34	35	34	34	34	34	35	35
Income Middle Third	42	42	43	43	43	42	41	42	44	44	43	42	41
Income Top Third	51	52	50	50	50	51	52	54	53	53	51	52	52

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

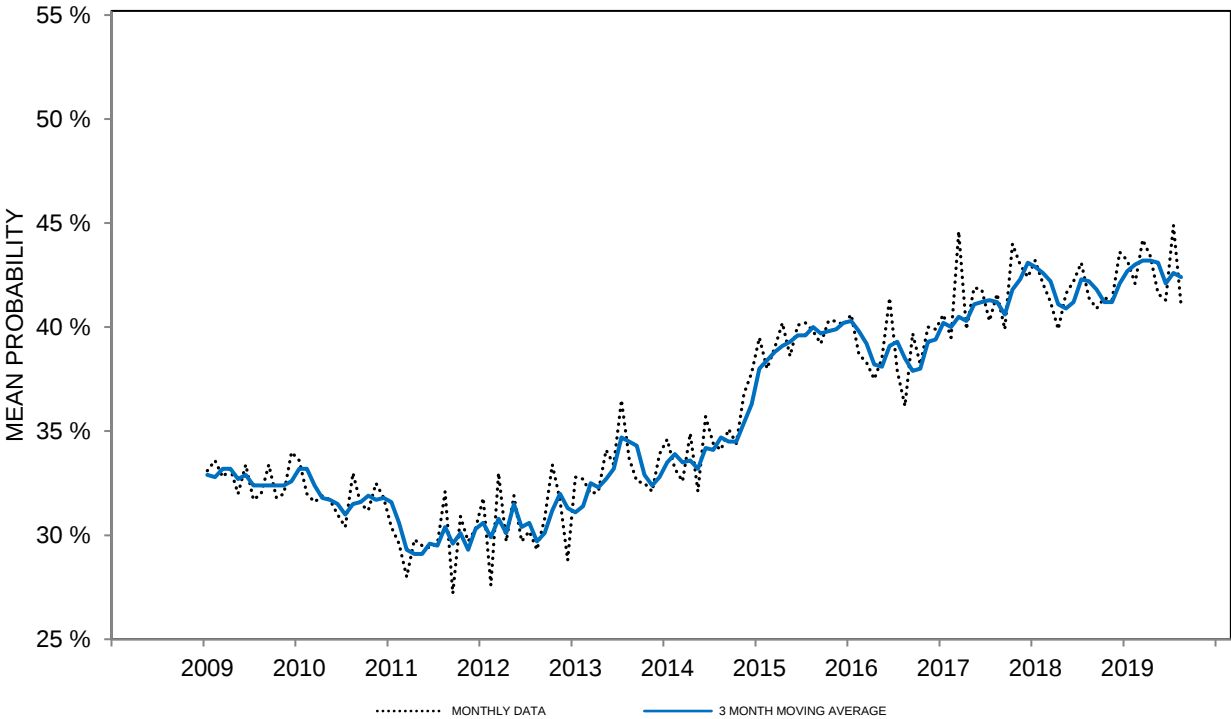


CHART 16: PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

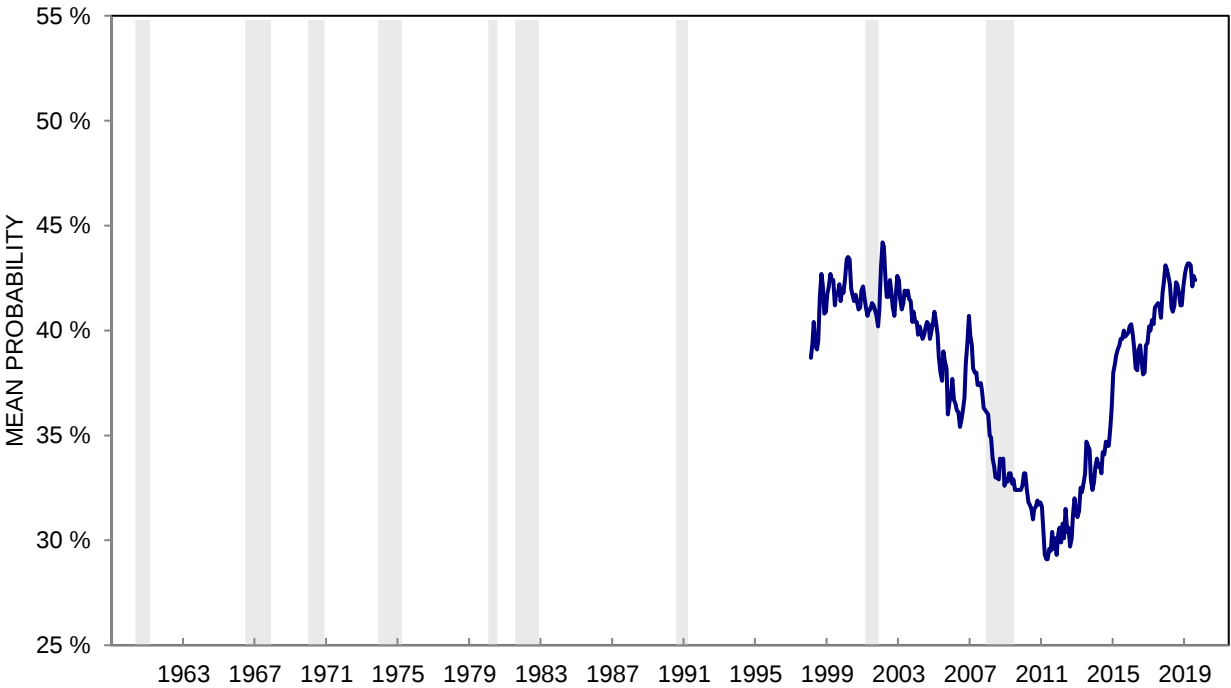


TABLE 17

PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
0%	46%	47%	46%	44%	42%	43%	45%	47%	45%	46%	43%	45%	46%
1 - 24%	29	30	30	30	29	32	29	29	29	30	31	28	27
25 - 49%	9	8	9	10	10	10	11	8	7	8	8	11	10
50%	8	8	8	9	11	8	8	9	10	9	10	9	10
51 - 74%	3	2	2	2	3	2	2	2	3	2	2	3	2
75 - 99%	3	3	3	3	2	3	3	3	4	3	3	3	3
100%	1	2	2	2	2	2	2	1	2	2	3	1	2
DK, NA	1	*	*	*	1	*	*	1	*	*	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
MEAN	17	16	16	17	19	17	17	16	18	16	18	17	18

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

All	18	17	16	16	17	17	17	17	17	17	17	17	18
Age 18 to 44	25	23	23	23	24	24	25	24	24	23	23	22	22
Age 45 to 64	18	18	17	18	18	18	17	16	17	18	19	19	19
Age 65+	6	5	5	5	5	5	6	6	4	5	6	8	9
Income Bottom Third	20	19	18	18	19	19	18	17	18	17	18	18	19
Income Middle Third	18	16	16	15	17	17	18	17	16	16	16	17	17
Income Top Third	16	16	17	17	16	17	17	17	17	17	18	17	17

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

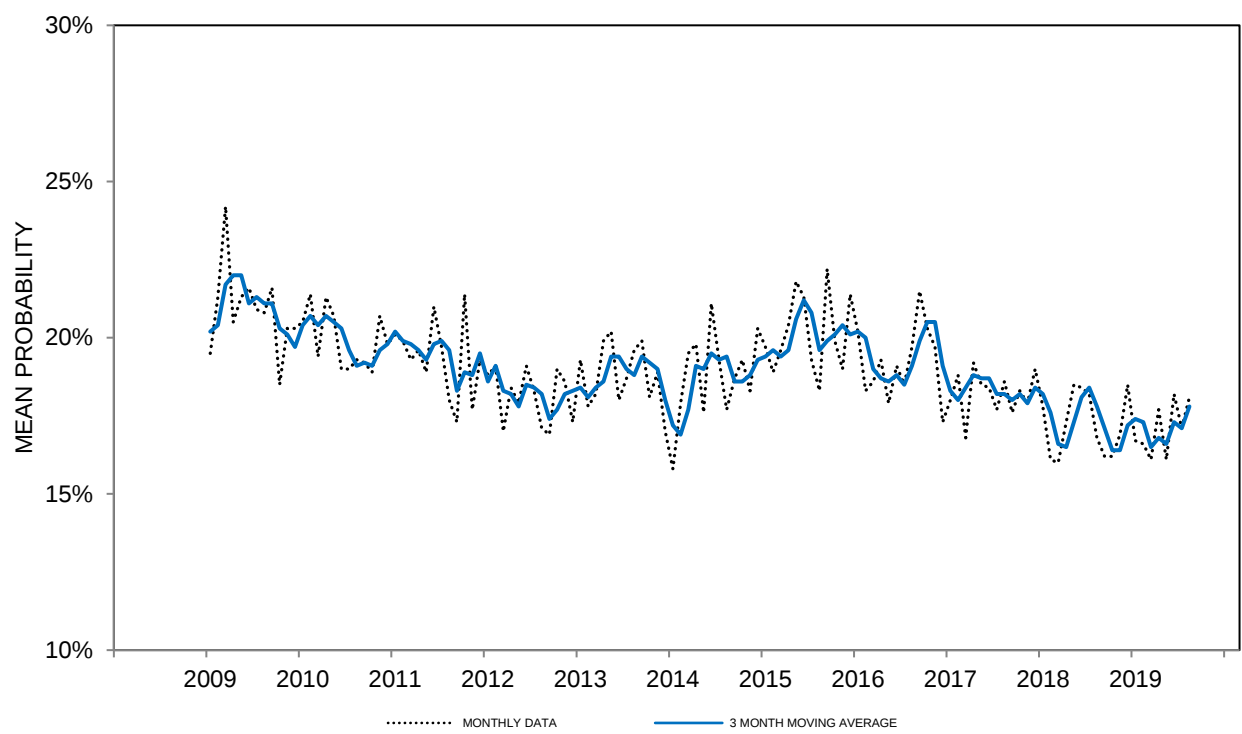


CHART 17: PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

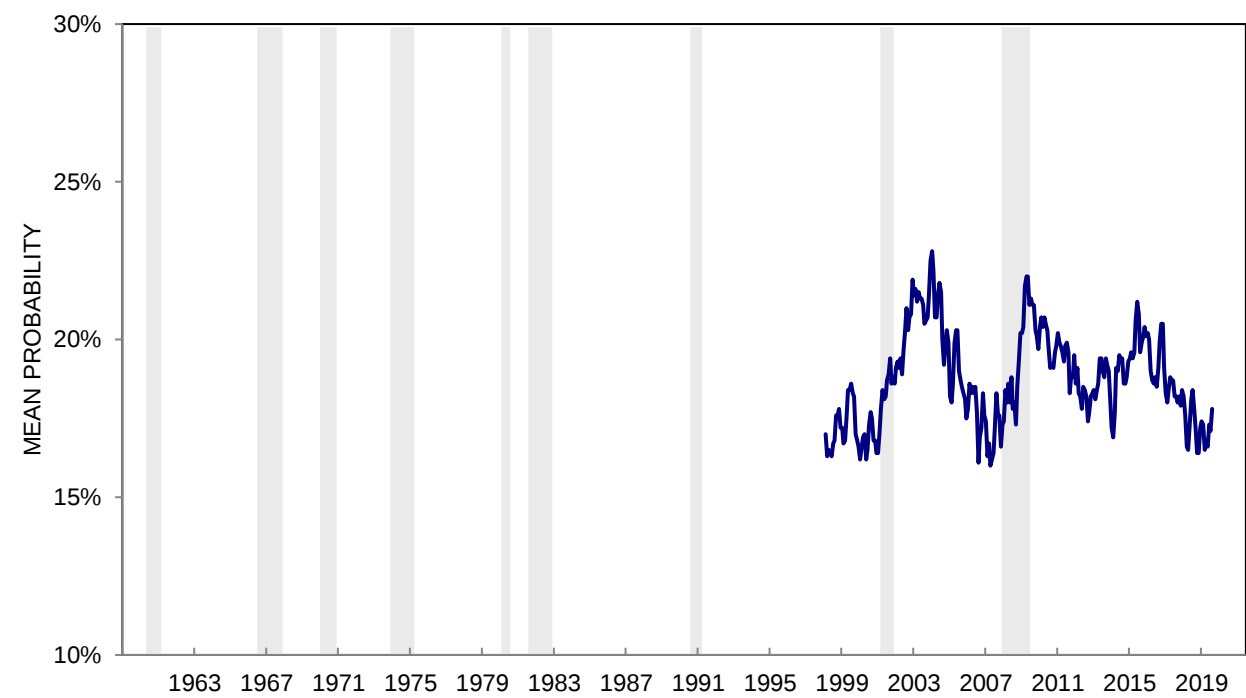


TABLE 18

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

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
0%	24%	21%	22%	19%	21%	18%	21%	19%	21%	20%	21%	19%	19%
1 - 24%	24	23	22	23	25	24	24	26	23	24	24	26	24
25 - 49%	11	13	10	12	13	13	11	12	11	10	11	12	12
50%	9	11	16	13	13	13	12	13	11	14	15	14	14
51 - 74%	9	10	7	9	7	8	8	8	7	7	5	6	7
75 - 99%	14	15	14	14	12	16	16	13	20	17	17	16	15
100%	8	6	8	8	8	7	7	8	6	7	6	6	8
DK, NA	1	1	1	2	1	1	1	1	1	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
MEAN	37	37	39	40	37	40	38	38	39	39	38	37	40

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

All	37	37	38	39	39	39	38	39	39	39	39	38	38
Age 18 to 44	33	33	33	33	33	34	35	34	34	34	35	34	33
Age 45 to 64	39	40	40	41	40	40	39	39	40	40	40	39	40
Age 65+	40	41	42	45	45	44	43	44	44	45	44	44	44
Income Bottom Third	31	30	29	33	34	33	33	33	34	34	33	33	32
Income Middle Third	37	37	38	39	39	41	39	38	36	37	39	38	39
Income Top Third	42	44	44	43	42	41	42	43	45	44	43	42	43

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

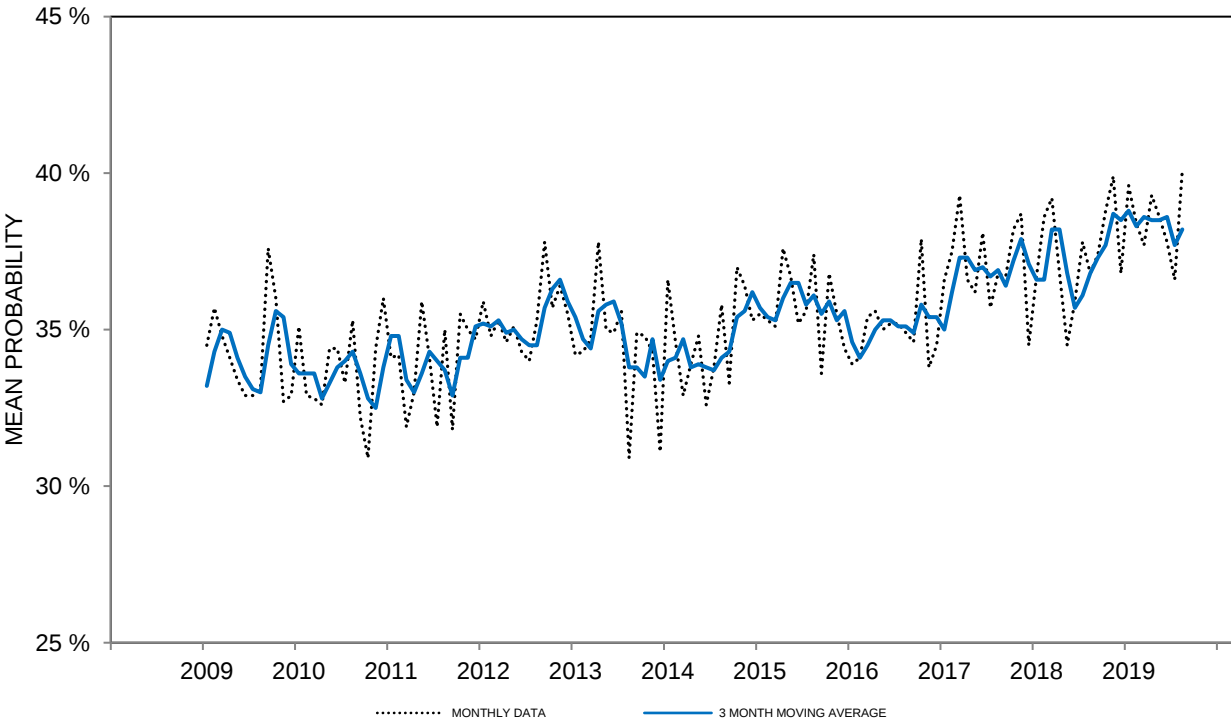


CHART 18: PROBABILITY THAT SOCIAL SECURITY AND PENSIONS WILL PROVIDE ADEQUATE RETIREMENT INCOME

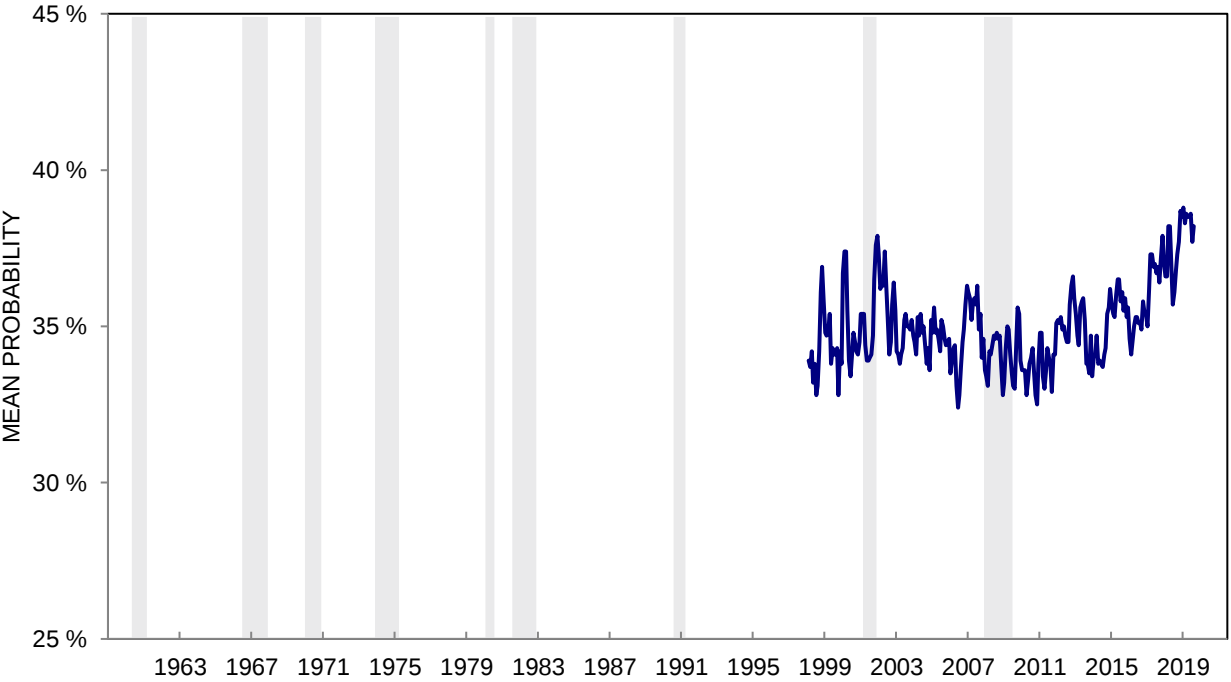


TABLE 19**CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT COMPARED WITH 5 YEARS AGO**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GONE UP	31%	29%	33%	32%	28%	28%	34%	30%	28%	29%	31%	32%	26%
STAY THE SAME	42	46	43	44	46	47	42	46	45	48	45	46	44
GONE DOWN	27	25	24	24	26	25	24	22	27	23	24	22	30
DK, NA	*	*	*	*	*	*	*	2	*	*	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	104	104	109	108	102	103	110	108	101	106	107	110	96

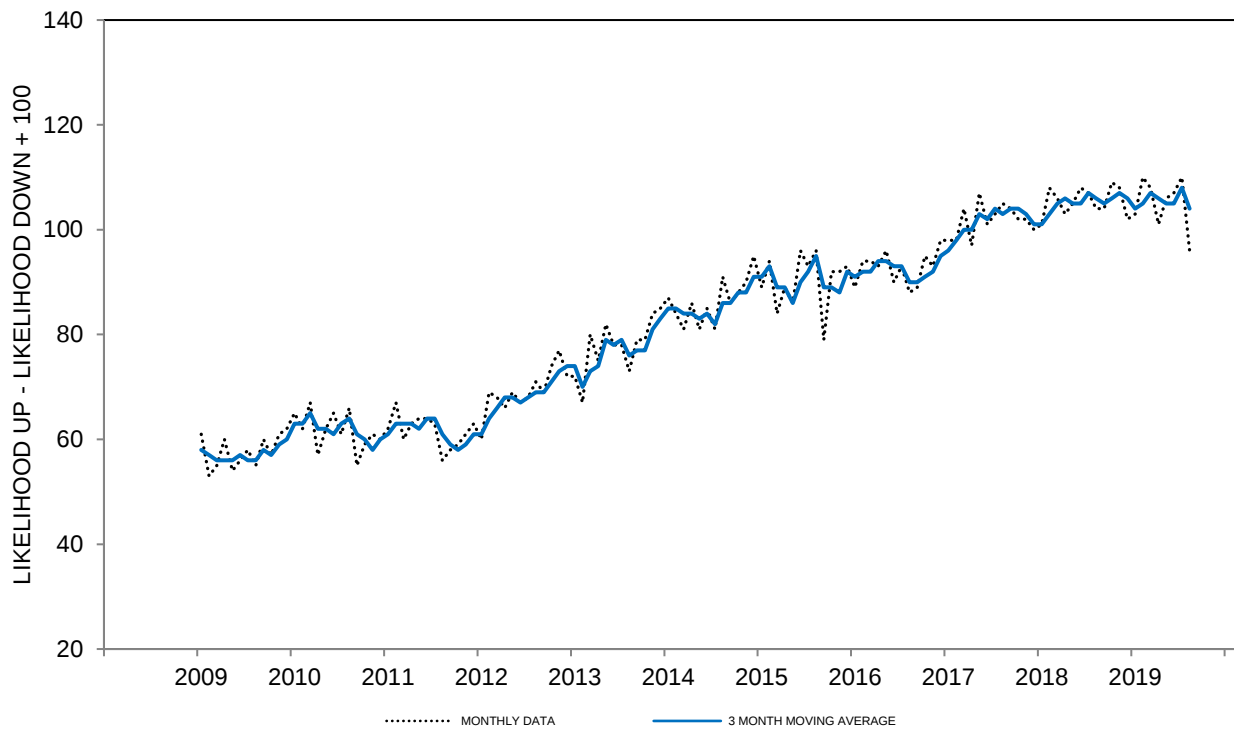
CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT COMPARED WITH 5 YEARS AGO - INDEX SCORE
THREE MONTH MOVING AVERAGES

All	106	105	106	107	106	104	105	107	106	105	105	108	104
Age 18 to 44	108	104	102	106	103	102	101	107	107	104	104	108	105
Age 45 to 64	109	107	111	107	110	105	108	109	110	107	106	107	105
Age 65+	102	104	105	107	106	107	108	105	101	104	105	109	103
Income Bottom Third	80	77	80	82	81	81	84	86	85	83	82	84	79
Income Middle Third	107	105	103	106	107	104	101	103	104	104	106	109	108
Income Top Third	132	131	131	131	129	126	128	129	130	128	128	130	127

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**

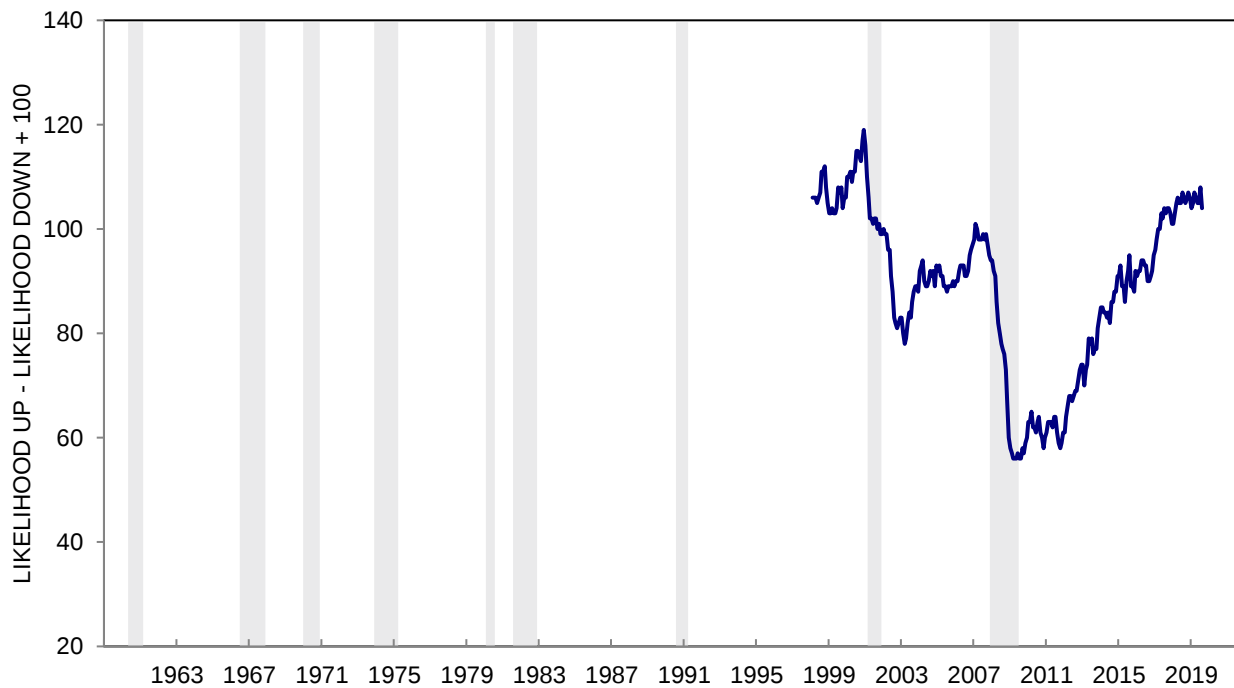


TABLE 20

PROBABILITY OF INCREASE IN STOCK MARKET PRICES IN THE NEXT YEAR

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
0%	1%	1%	1%	2%	3%	2%	2%	1%	1%	1%	2%	1%	3%
1 - 24%	9	13	12	14	13	16	16	15	15	12	14	10	15
25 - 49%	7	8	8	8	11	11	9	8	9	8	8	7	13
50%	22	18	18	17	21	18	19	17	16	14	16	19	15
51 - 74%	13	13	15	16	14	15	13	16	13	17	16	15	13
75 - 99%	35	36	33	30	29	26	32	33	31	33	32	36	27
100%	11	10	11	11	8	11	8	9	14	12	12	11	12
DK, NA	2	1	2	2	1	1	1	1	1	3	*	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	398	446	435	418	427	427	416	433	414	403	412	404	402
MEAN	64	63	62	61	57	57	57	59	61	63	61	64	57

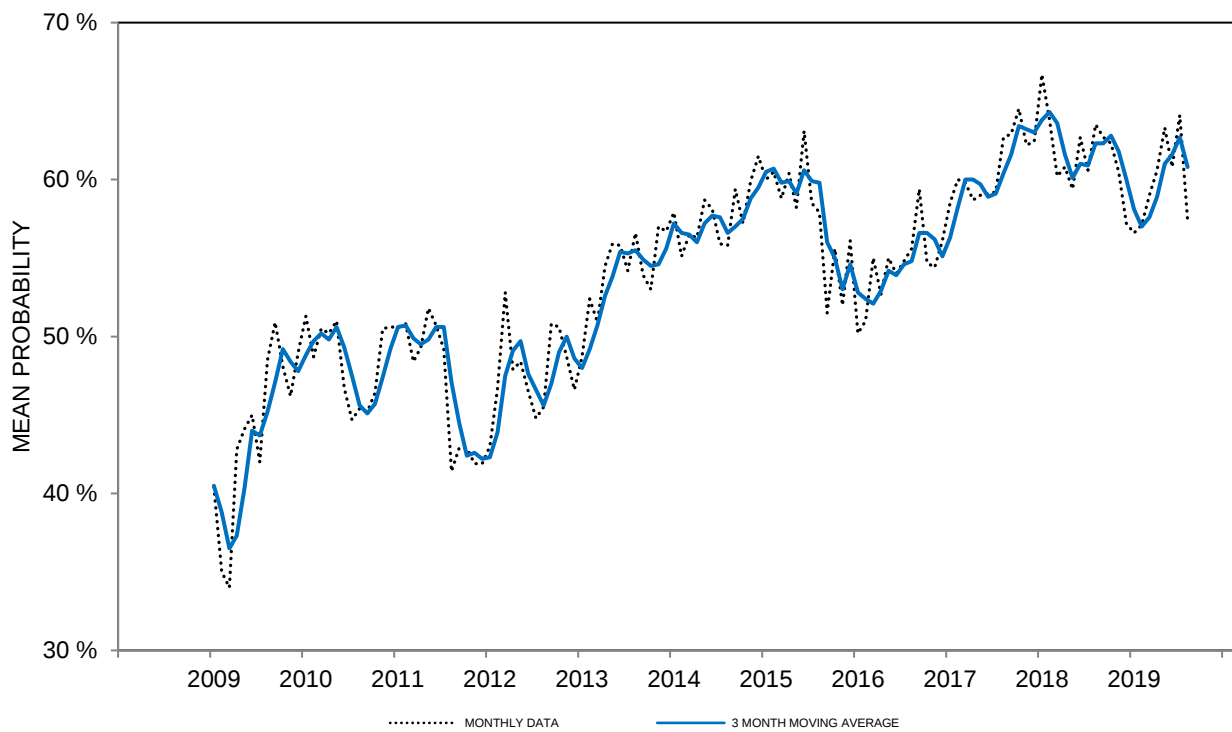
**PROBABILITY OF INCREASE IN STOCK MARKET PRICES IN THE NEXT YEAR - MEAN
THREE MONTH MOVING AVERAGES**

All	62	62	63	62	60	58	57	58	59	61	62	63	61
Age 18 to 44	65	66	65	63	62	60	60	61	62	63	64	64	62
Age 45 to 64	63	63	65	63	61	58	57	58	60	63	61	63	62
Age 65+	58	57	57	59	56	55	53	53	53	55	58	60	57
Income Bottom Third	53	54	56	58	57	55	53	55	56	58	57	57	55
Income Middle Third	62	62	63	62	60	59	58	59	60	61	62	63	61
Income Top Third	65	66	66	64	61	59	58	58	60	63	64	65	63

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 PRICE
IN THE NEXT YEAR**



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

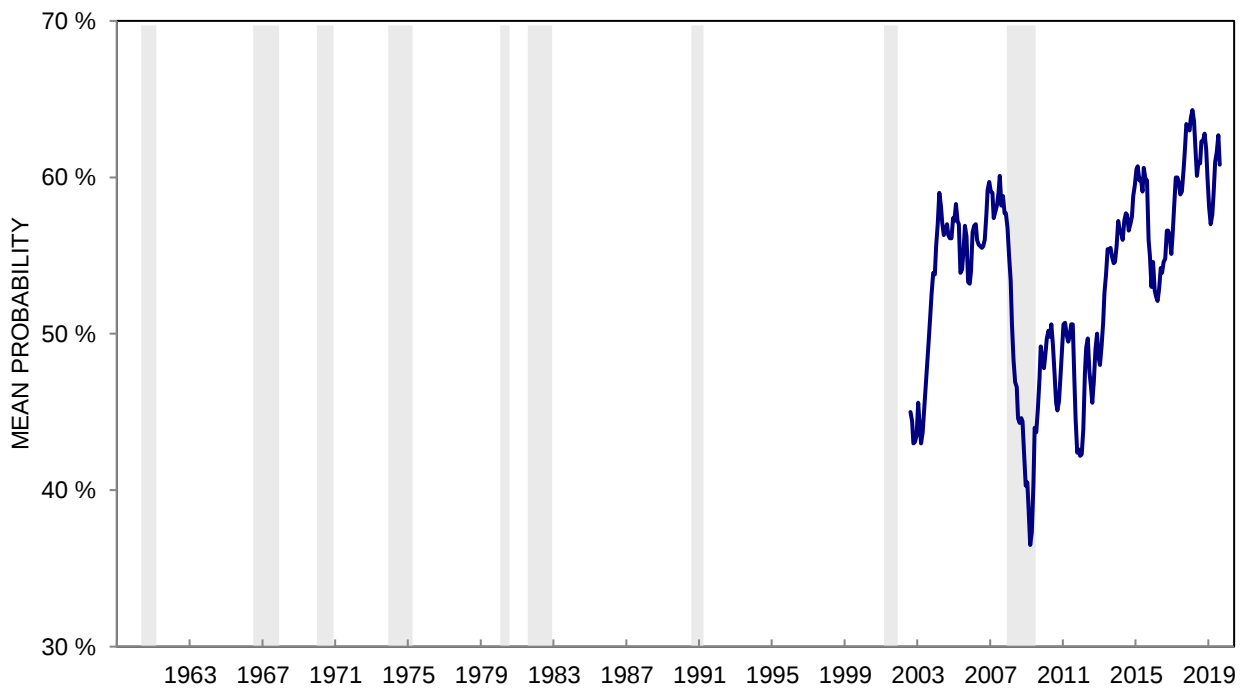


TABLE 21

CURRENT VALUE OF STOCK MARKET INVESTMENTS

THREE MONTH MOVING AVERAGES

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
UNDER \$10,000	9%	10%	9%	9%	9%	10%	10%	9%	9%	9%	9%	8%	9%
\$10,000-24,999	8	7	7	8	9	9	9	8	9	10	11	10	8
\$25,000-49,999	8	7	8	9	9	9	8	8	7	7	7	7	7
\$50,000-99,999	13	12	10	11	12	13	12	12	11	11	11	12	12
\$100,000-199,999	13	13	13	13	13	12	13	13	14	13	13	13	13
\$200,000-499,999	15	16	16	17	17	17	17	18	17	18	17	18	18
\$500,000 AND UP	19	19	21	20	19	18	18	19	20	20	21	20	20
DK/NA	15	16	16	13	12	12	13	13	13	12	11	12	13
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1227	1253	1279	1299	1280	1272	1270	1276	1263	1250	1229	1219	1218
MEDIAN (1,000's)	116	119	135	120	116	116	119	126	125	131	139	130	137
25th PERCENTILE (1,000's)	33	34	34	31	30	30	33	35	35	32	31	35	39
75th PERCENTILE (1,000's)	396	413	451	414	387	368	370	403	419	424	424	394	421
INTERQUARTILE RANGE (75th-25th) (1,000's)	363	379	416	383	357	338	336	368	384	392	393	359	383

CURRENT VALUE OF STOCK MARKET INVESTMENTS - MEDIAN

THREE MONTH MOVING AVERAGES

All	116	119	135	120	116	116	119	126	125	131	139	130	137
Age 18 to 44	44	47	47	47	48	48	48	50	49	43	42	46	50
Age 45 to 64	213	215	235	195	178	176	184	217	218	221	221	221	244
Age 65+	247	302	285	273	223	255	286	321	330	315	316	291	306
Income Bottom Third	32	34	30	25	18	19	24	30	34	31	30	24	22
Income Middle Third	74	76	86	83	84	87	93	93	87	78	82	80	93
Income Top Third	264	262	290	279	284	262	246	251	259	286	312	294	282

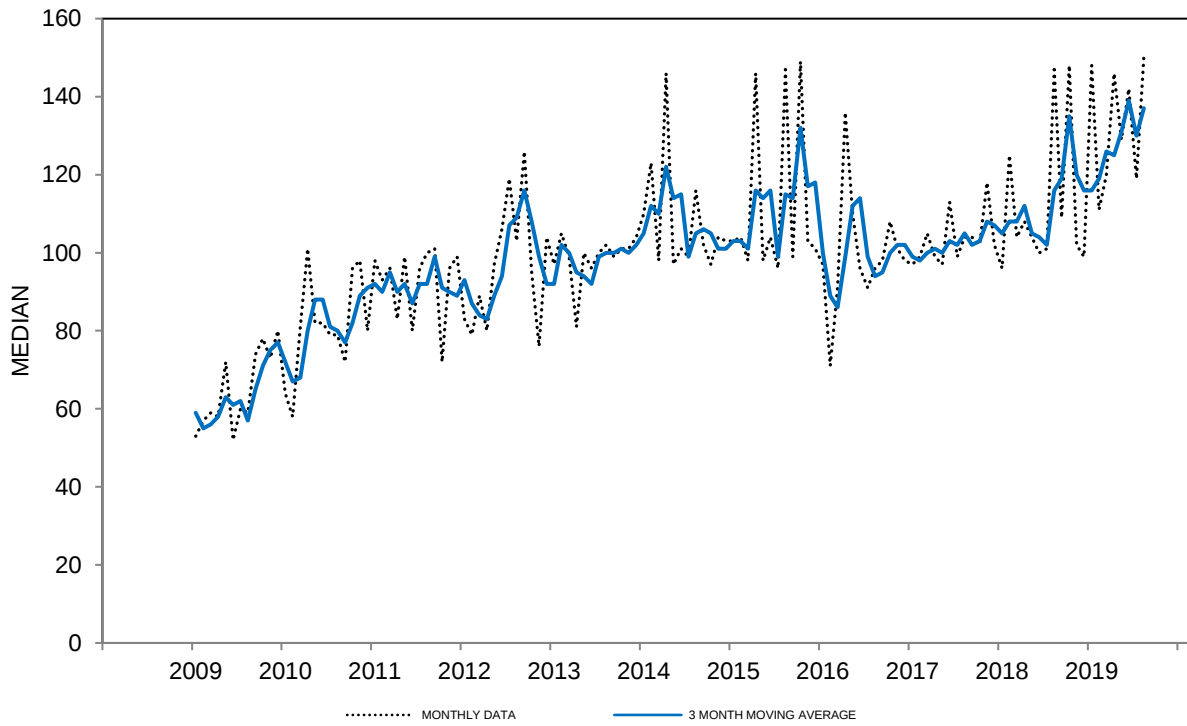
The questions were:

"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)**

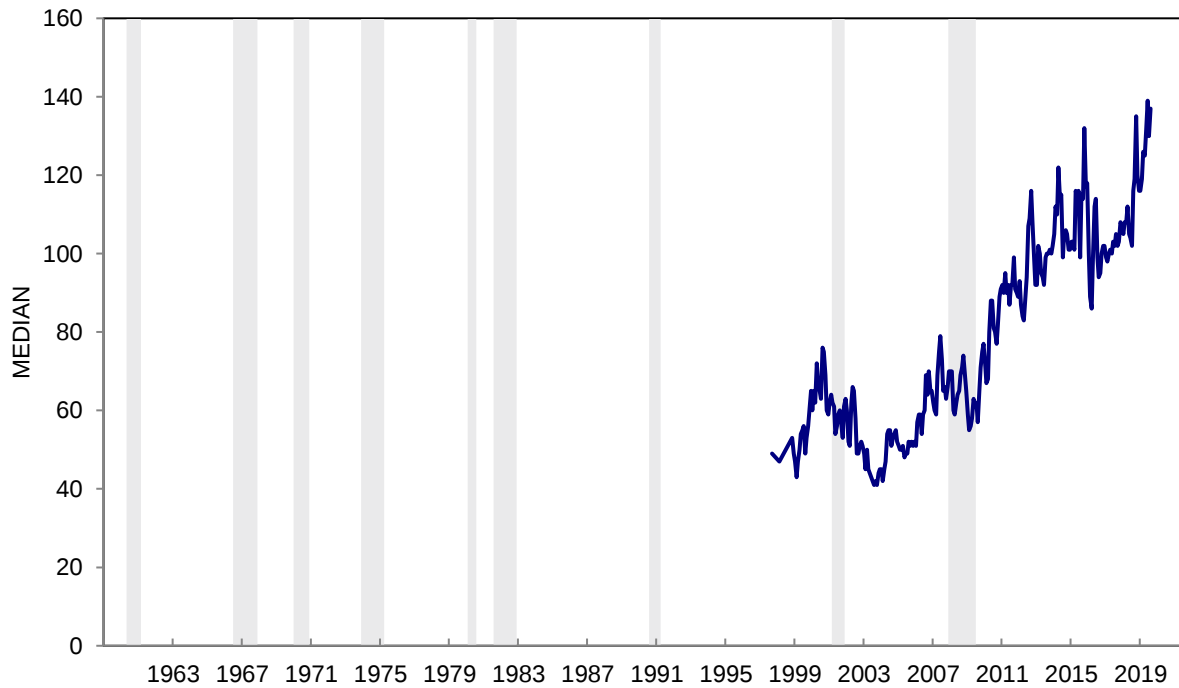


TABLE 22

CURRENT MARKET VALUE OF PRIMARY RESIDENCE

THREE MONTH MOVING AVERAGES

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
UNDER \$100,000	12%	12%	10%	11%	10%	11%	10%	11%	9%	10%	10%	11%	11%
\$100,000-199,999	23	22	22	22	23	23	22	21	20	21	22	22	22
200,000-299,999	21	21	22	22	21	20	21	21	22	23	24	22	21
300,000-399,999	14	15	14	13	12	13	14	15	16	15	14	14	15
400,00-499,999	8	8	9	9	9	8	8	9	9	9	8	7	7
500,000+	16	16	18	19	20	21	21	19	19	19	20	20	21
DK/NA	6	6	5	4	5	4	4	4	5	3	2	4	3
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1279	1305	1305	1333	1301	1308	1314	1333	1323	1299	1318	1314	1322
MEDIAN (1,000's)	241	250	253	252	251	251	252	259	266	262	256	254	263
25th PERCENTILE (1,000's)	150	150	154	151	153	153	155	158	165	163	162	157	157
75th PERCENTILE (1,000's)	392	394	419	422	441	432	430	416	415	413	416	422	428
INTERQUARTILE RANGE (75th-25th) (1,000's)	242	244	265	271	288	279	275	258	249	251	254	265	271

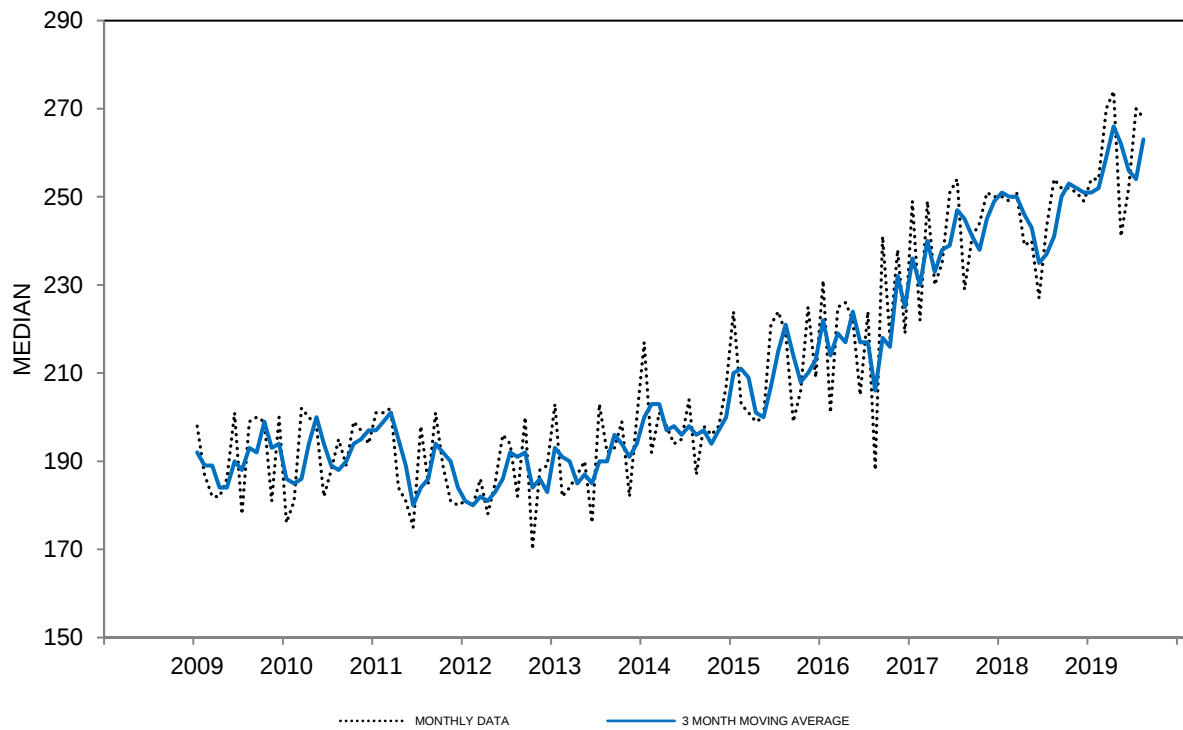
**CURRENT MARKET VALUE OF PRIMARY RESIDENCE - MEDIAN
THREE MONTH MOVING AVERAGES**

All	241	250	253	252	251	251	252	259	266	262	256	254	263
Age 18 to 44	238	243	239	238	251	260	263	265	264	259	248	251	260
Age 45 to 64	257	262	264	255	248	249	248	255	264	258	251	250	264
Age 65+	234	253	263	264	257	248	257	261	278	273	276	261	260
Income Bottom Third	146	130	133	130	145	144	151	145	154	146	149	140	139
Income Middle Third	209	218	222	226	217	205	204	210	230	226	232	219	229
Income Top Third	343	359	385	400	405	411	406	402	385	380	379	383	392

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)**

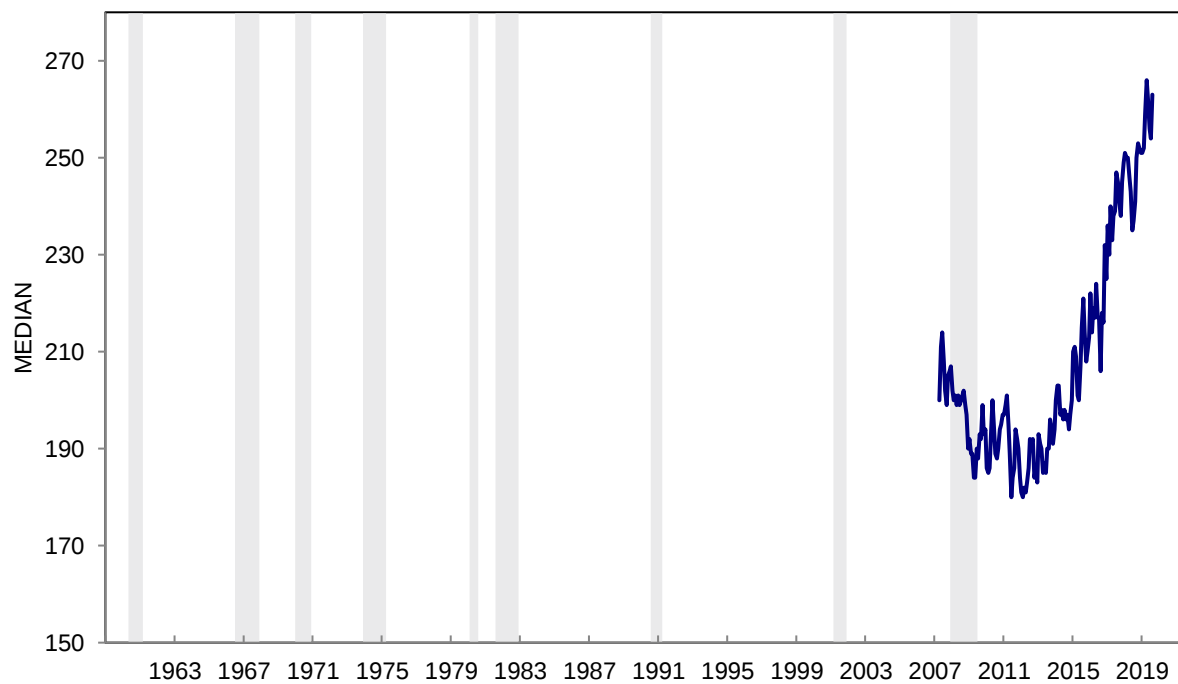


TABLE 23**NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
FAVORABLE NEWS	54%	55%	58%	56%	43%	40%	42%	47%	52%	52%	44%	46%	35%
UNFAVORABLE NEWS	69	64	59	62	75	83	71	57	60	55	68	62	77
NO MENTIONS	29	31	32	32	32	30	35	38	35	37	34	35	34
INDEX SCORE	85	91	99	94	68	57	71	90	92	97	76	84	58

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

All	89	85	92	95	87	73	65	73	84	93	88	86	73
Age 18 to 44	77	71	75	80	76	64	53	62	76	86	80	73	65
Age 45 to 64	91	89	97	100	89	78	72	78	82	88	85	90	79
Age 65+	103	102	108	109	99	80	74	81	100	113	106	100	74
Income Bottom Third	73	70	80	91	86	75	68	78	89	93	89	86	82
Income Middle Third	98	95	101	98	85	73	63	78	91	101	93	86	75
Income Top Third	92	86	92	94	89	70	62	60	71	84	83	81	58

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

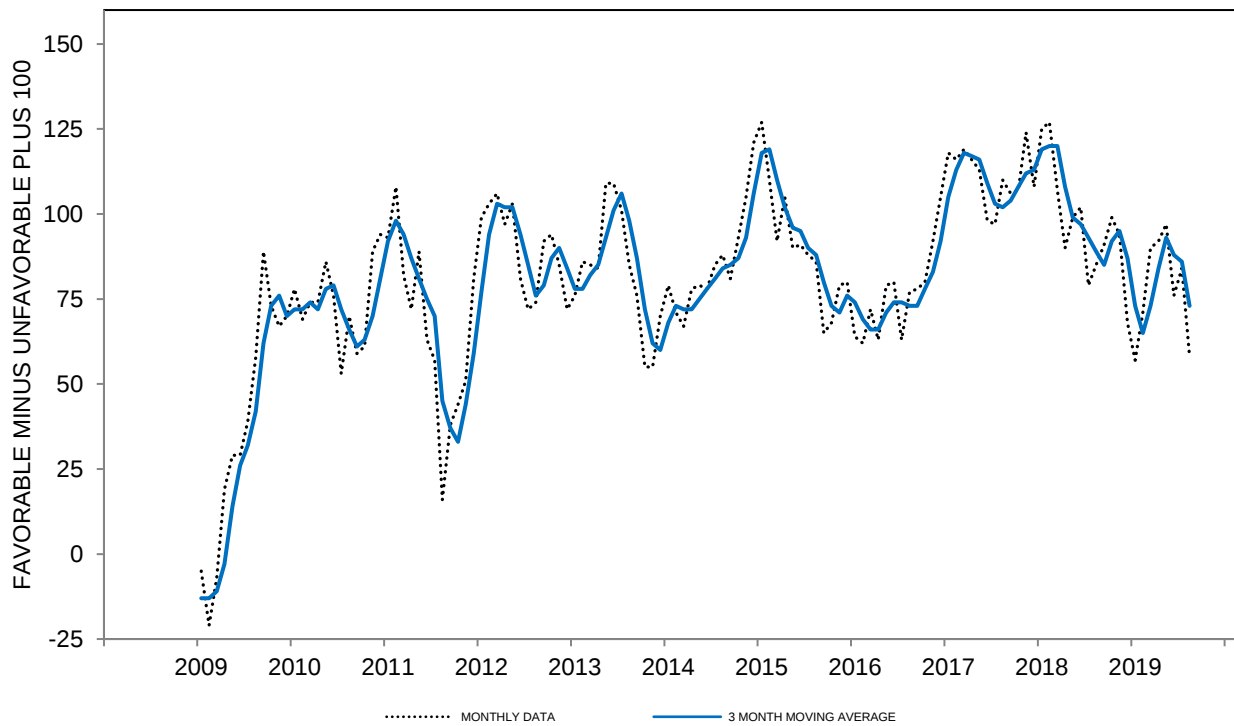


CHART 23: NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

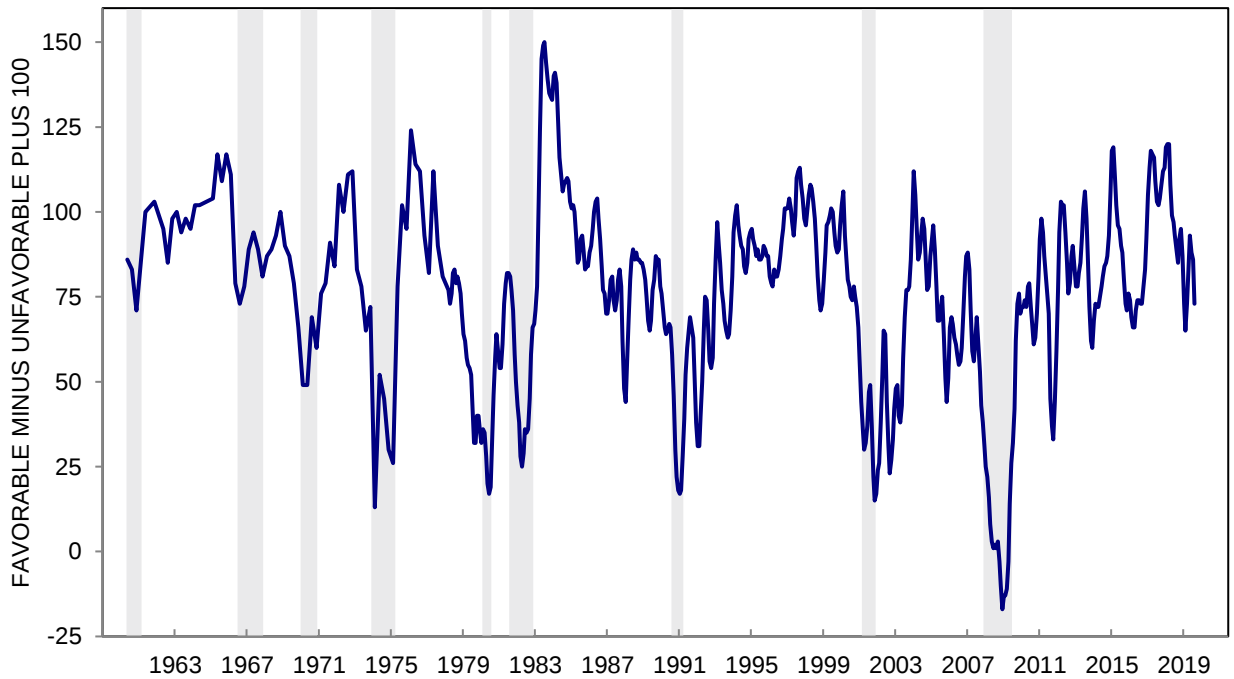


TABLE 24

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
FAVORABLE NEWS:													
Government; elections	15%	19%	18%	14%	14%	10%	13%	13%	12%	11%	10%	8%	7%
Employment	22	21	23	22	15	17	16	19	22	20	18	21	13
Higher consumer demand	3	4	5	3	3	4	3	3	3	6	3	3	2
Lower prices	*	*	*	*	1	*	*	*	*	1	1	*	*
Easier credit	1	1	*	1	*	*	1	1	4	2	2	2	3
Stock market	4	5	5	5	2	4	2	4	5	3	3	5	2
Trade; global economy	1	*	1	*	1	*	1	1	*	1	1	2	1
UNFAVORABLE NEWS:													
Government; elections	33	29	27	22	27	34	32	22	24	22	30	25	27
Unemployment	10	9	11	12	19	14	10	14	14	13	11	13	14
Lower consumer demand	3	5	3	4	3	4	3	3	3	2	5	4	3
Higher prices	4	2	3	3	2	3	2	3	2	4	3	2	3
Tighter credit	1	1	2	4	4	2	2	2	3	1	1	1	4
Energy crisis	1	*	*	*	*	1	*	*	*	*	*	1	*
Stock market	2	*	2	6	8	13	6	3	3	2	3	2	5
Trade; global economy	9	9	5	3	4	6	6	4	3	5	7	7	10

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

EMPLOYMENT - UNEMPLOYMENT (THREE MONTH MOVING AVERAGES)

All	9	9	12	11	6	3	2	5	6	7	7	7	5
Age 18 to 44	5	0	4	3	1	0	-5	-1	-1	2	3	1	1
Age 45 to 64	9	12	16	16	9	4	4	7	7	4	7	11	10
Age 65+	15	17	19	17	9	7	7	10	14	17	14	12	4
Income Bottom Third	0	3	6	7	2	1	-2	1	2	2	2	3	2
Income Middle Third	16	14	15	12	5	1	-2	4	9	12	10	9	4
Income Top Third	13	12	15	15	10	9	10	9	7	7	12	10	8

GOVERNMENT FAVORABLE - UNFAVORABLE (THREE MONTH MOVING AVERAGES)

All	-14	-16	-12	-9	-10	-15	-19	-17	-13	-11	-14	-16	-19
Age 18 to 44	-15	-16	-13	-11	-12	-18	-22	-18	-12	-11	-15	-16	-18
Age 45 to 64	-13	-15	-13	-8	-10	-13	-16	-17	-17	-14	-17	-17	-21
Age 65+	-10	-13	-10	-8	-7	-15	-20	-19	-11	-7	-11	-13	-18
Income Bottom Third	-15	-17	-15	-9	-9	-14	-20	-17	-11	-7	-10	-11	-13
Income Middle Third	-14	-16	-9	-7	-10	-15	-17	-13	-10	-11	-13	-15	-16
Income Top Third	-14	-16	-14	-11	-10	-16	-21	-23	-21	-16	-20	-20	-27

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)

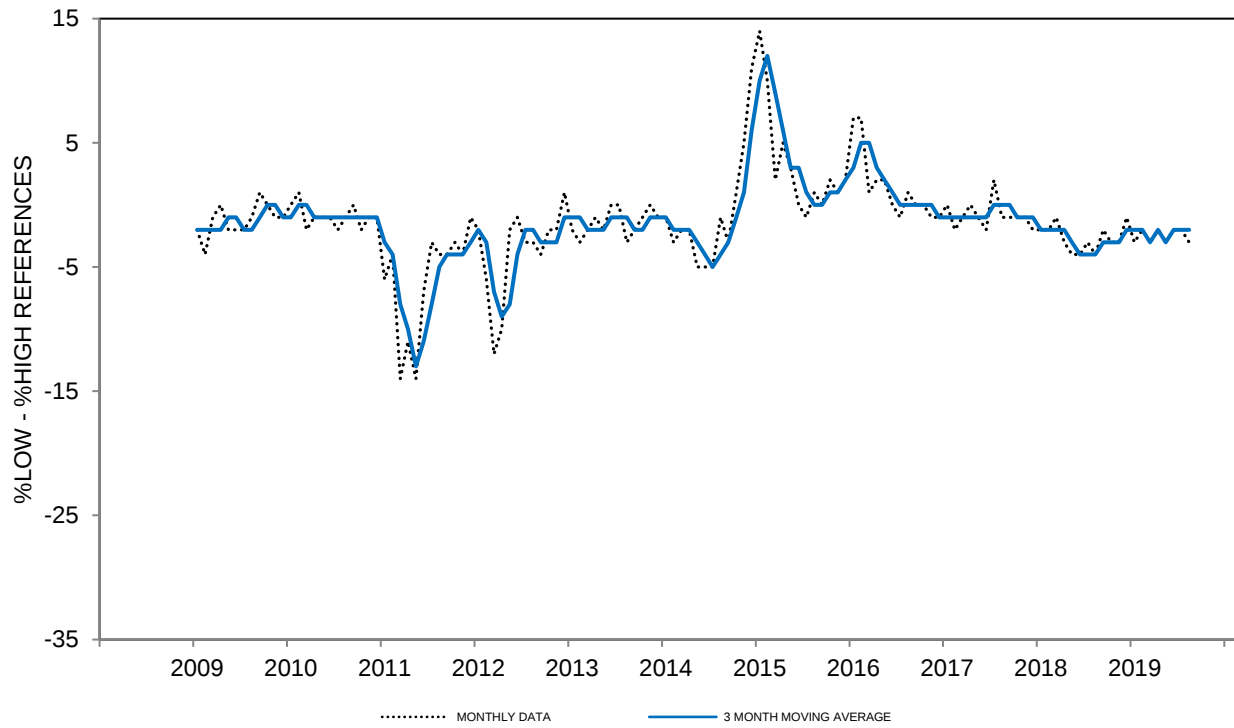


CHART 24A: NEWS HEARD ABOUT PRICE CHANGES
(%LOW PRICES - %HIGH PRICES)

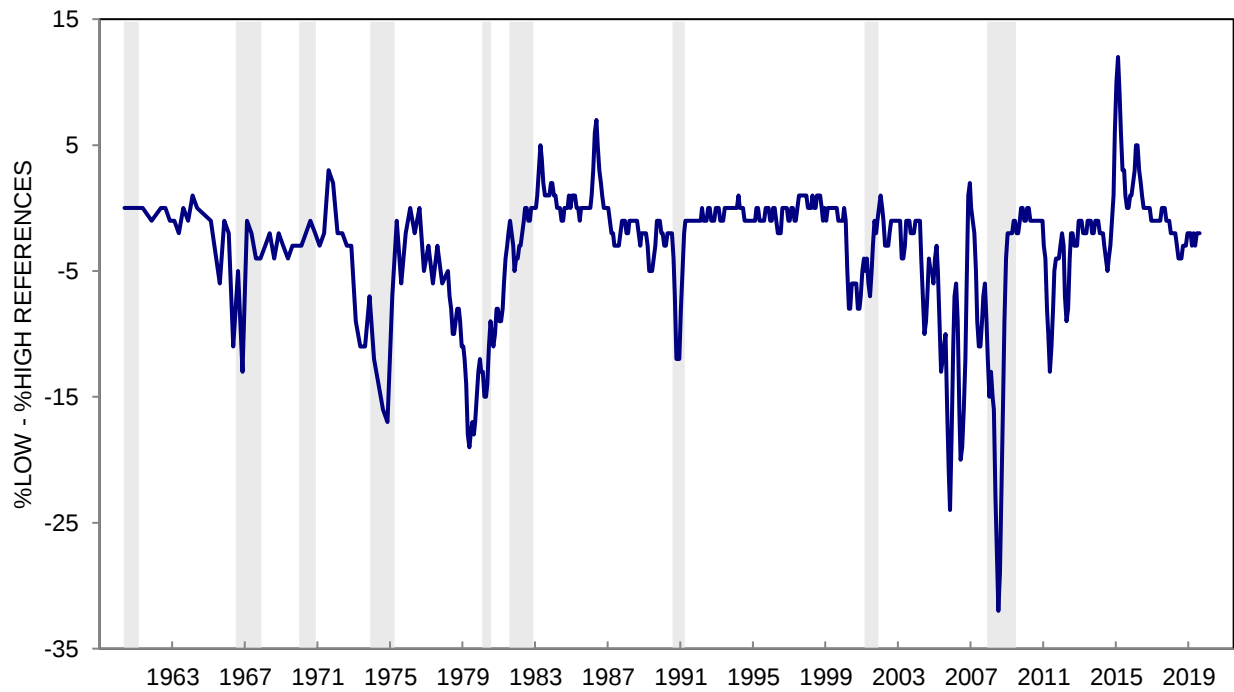


CHART 24B: NEWS HEARD ABOUT CHANGE IN EMPLOYMENT CONDITIONS
 (%LOWER UNEMPLOYMENT - %HIGHER UNEMPLOYMENT)

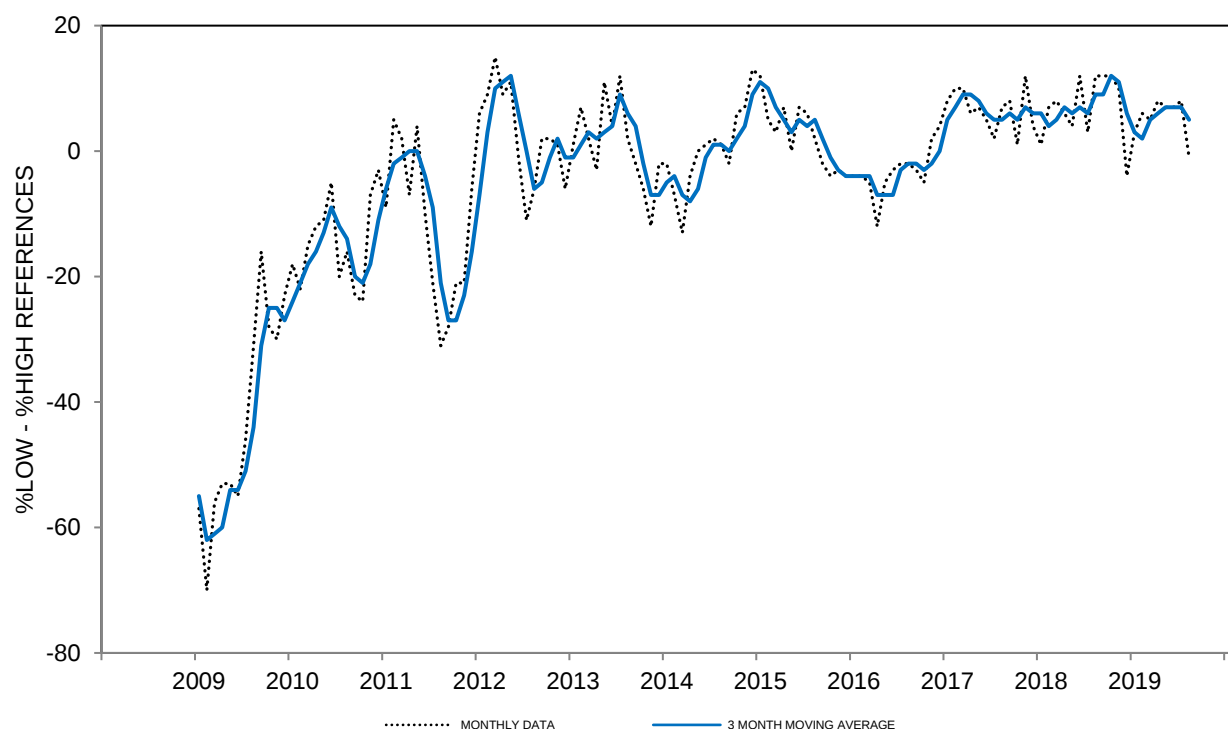


CHART 24B: NEWS HEARD ABOUT CHANGE IN EMPLOYMENT CONDITIONS
 (%LOWER UNEMPLOYMENT - %HIGHER UNEMPLOYMENT)

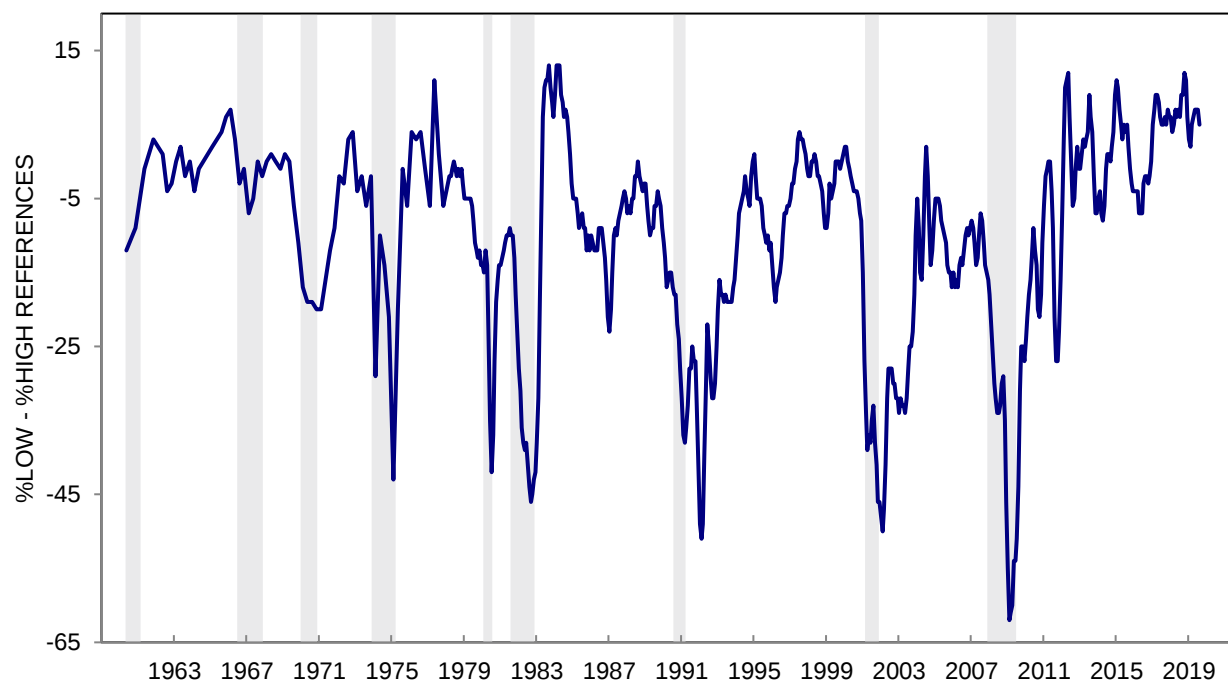


CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
 (%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)

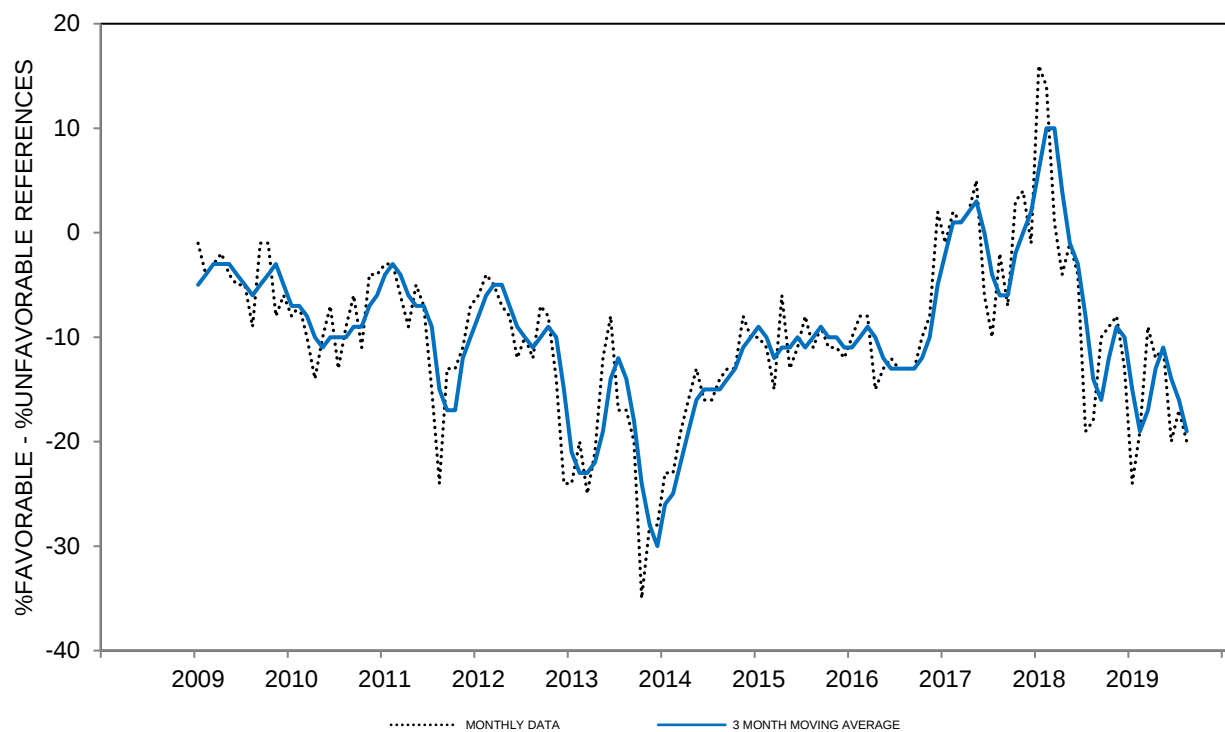


CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
 (%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)

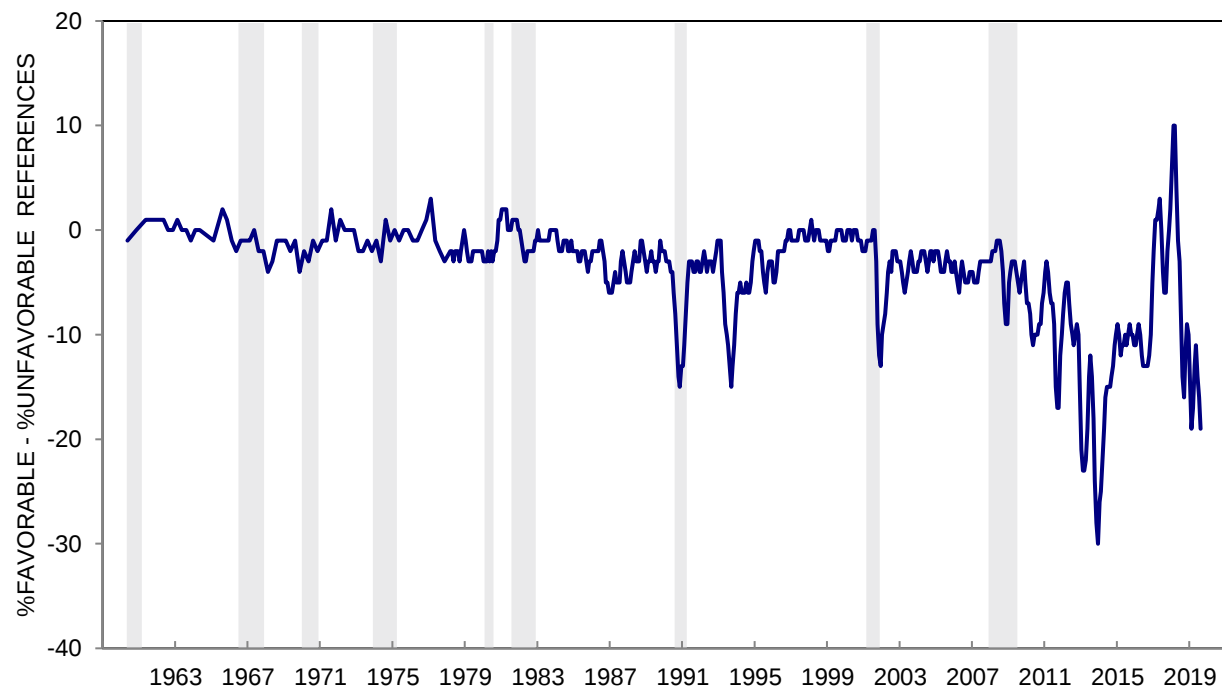


TABLE 25

CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
BETTER NOW	61%	61%	61%	60%	59%	43%	50%	54%	58%	59%	57%	57%	50%
SAME	8	9	9	11	11	10	9	14	12	12	11	11	10
WORSE NOW	30	27	28	28	28	43	38	30	29	27	31	31	38
DK, NA	1	3	2	1	2	4	3	2	1	2	1	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	131	134	133	132	131	100	112	125	129	132	126	126	112

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

All	130	130	133	133	132	121	114	112	122	129	129	128	121
Age 18 to 44	125	128	128	130	128	117	111	110	121	127	126	124	120
Age 45 to 64	133	131	135	132	133	123	117	113	122	127	128	128	125
Age 65+	133	133	138	141	137	124	116	115	125	134	135	135	119
Income Bottom Third	118	121	121	123	120	115	110	109	115	119	119	118	118
Income Middle Third	135	135	139	137	136	121	116	115	130	135	137	134	128
Income Top Third	138	136	137	135	136	124	117	112	121	131	129	131	119

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

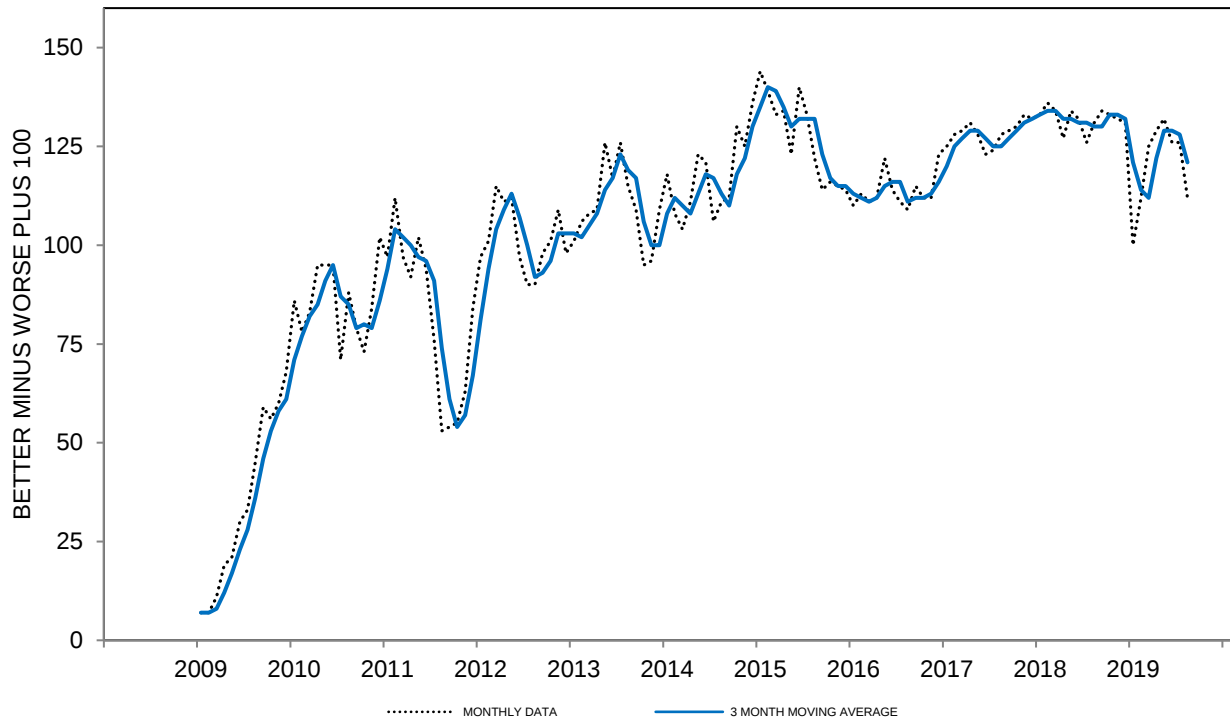


CHART 25: CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

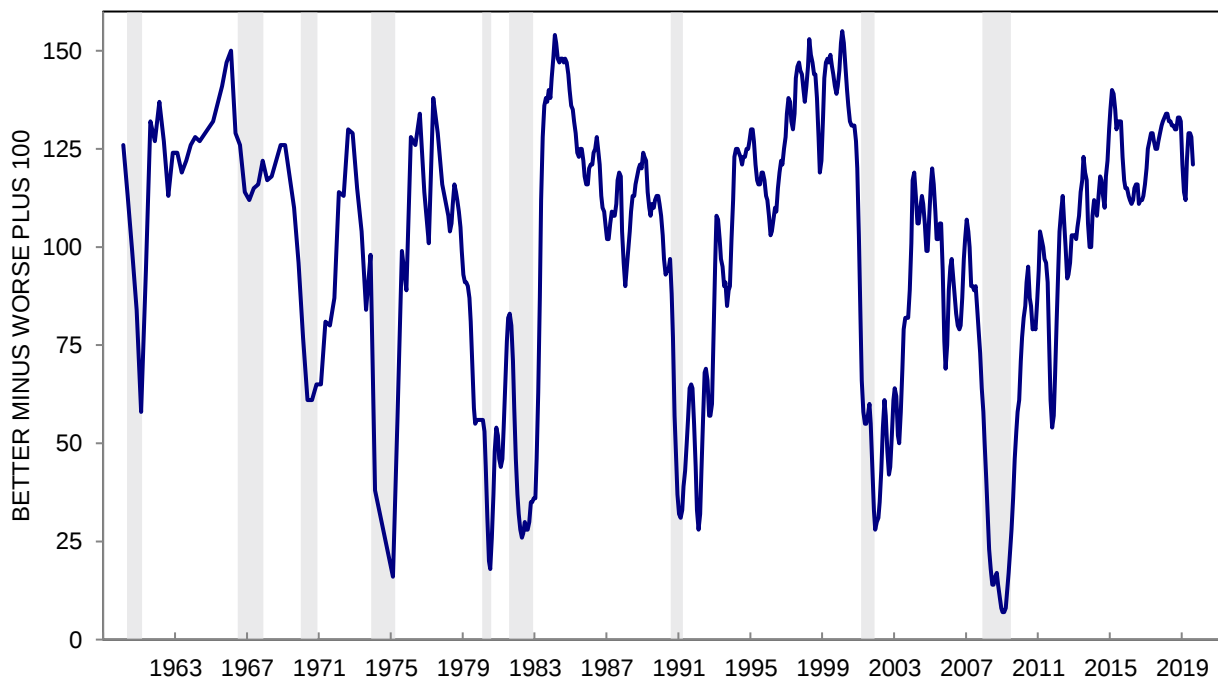


TABLE 26**EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
BETTER	35%	34%	30%	26%	27%	25%	25%	30%	28%	30%	30%	25%	25%
SAME	36	39	39	47	46	39	47	47	49	48	45	53	43
WORSE	29	24	27	24	25	33	26	22	22	21	24	20	31
DK, NA	*	3	4	3	2	3	2	1	1	1	1	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	106	110	103	102	102	92	99	108	106	109	106	105	94

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

All	104	105	106	105	102	99	98	100	104	108	107	107	102
Age 18 to 44	100	102	103	102	98	95	95	98	100	102	102	103	100
Age 45 to 64	105	105	109	108	106	101	100	101	108	109	108	106	103
Age 65+	106	107	108	105	103	100	99	100	106	114	114	112	101
Income Bottom Third	94	97	100	106	103	100	96	101	107	111	106	105	101
Income Middle Third	109	110	115	108	104	99	100	102	107	110	113	111	108
Income Top Third	106	105	102	98	96	93	95	94	99	101	102	102	96

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

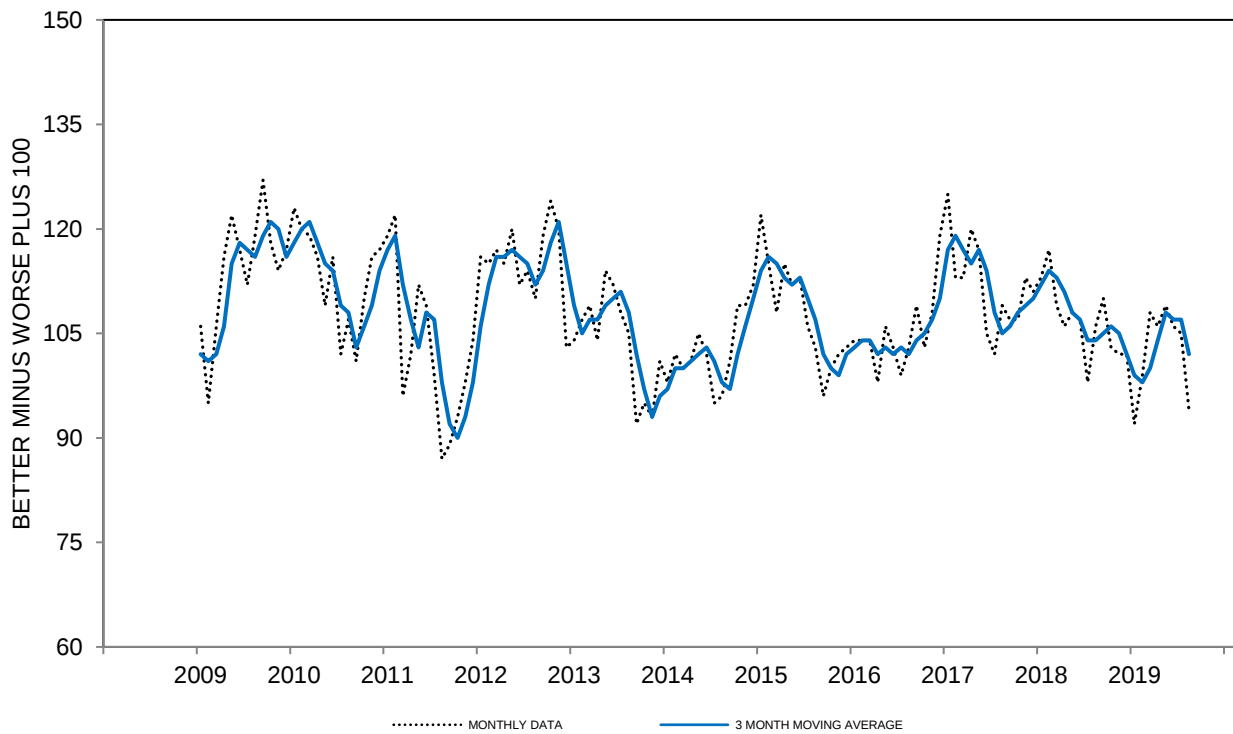


CHART 26: EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

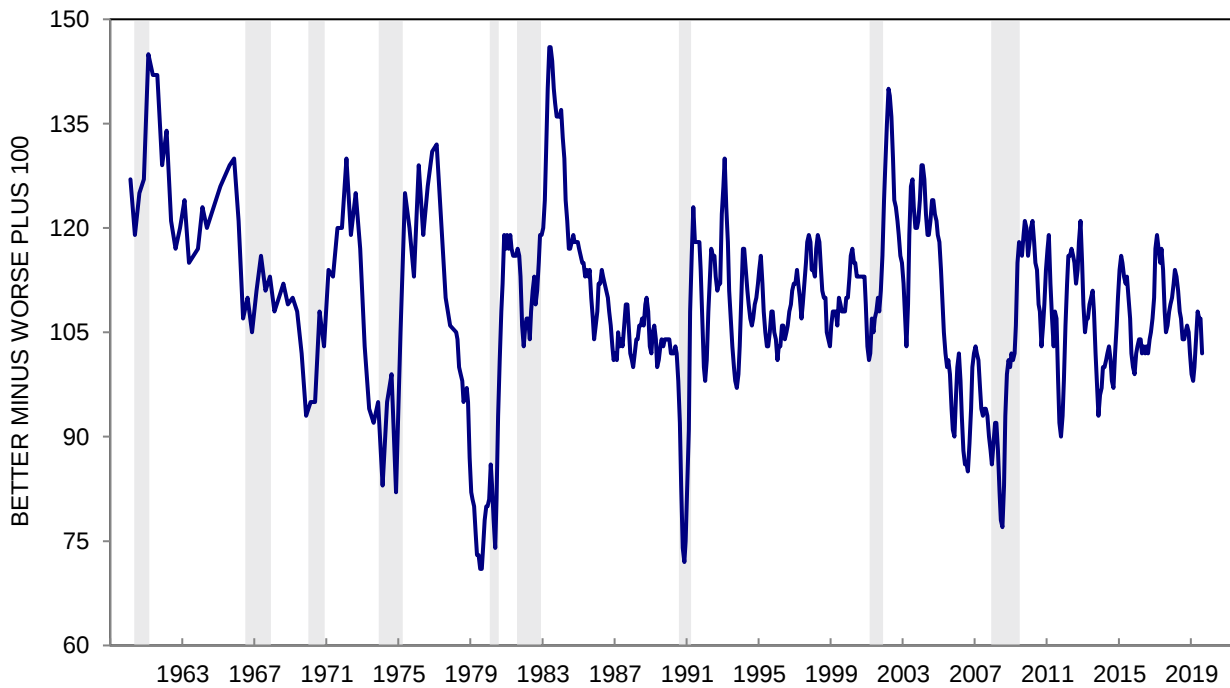


TABLE 27

TREND IN PAST AND EXPECTED CHANGES IN BUSINESS CONDITIONS

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
TREND:													
Continuous increase (a)	32%	31%	25%	21%	23%	17%	21%	23%	27%	26%	26%	22%	21%
Intermittent increase (b)	23	24	26	31	29	22	26	29	27	28	27	30	22
Remain unchanged (c)	3	6	5	7	7	5	5	9	7	8	7	8	7
Intermittent decline (d)	14	10	12	14	14	16	18	14	17	15	15	18	17
Continuous decline (e)	18	16	15	14	14	24	19	15	14	13	16	13	21
Mixed change (f)	8	8	11	8	10	10	7	7	5	7	7	6	9
DK, NA	2	5	6	5	3	6	4	3	3	3	2	3	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	123	129	124	124	124	99	110	123	123	126	122	121	105

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

All	122	123	125	126	124	116	111	111	119	124	124	123	116
Age 18 to 44	117	120	121	124	123	114	108	108	116	122	122	120	115
Age 45 to 64	124	123	127	124	123	116	113	111	120	123	122	123	120
Age 65+	126	127	130	130	127	118	113	115	123	132	131	130	113
Income Bottom Third	110	113	113	118	116	112	107	109	115	119	116	117	114
Income Middle Third	128	128	134	131	128	115	112	113	126	132	134	129	124
Income Top Third	129	128	126	124	124	115	112	109	116	123	121	122	110

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

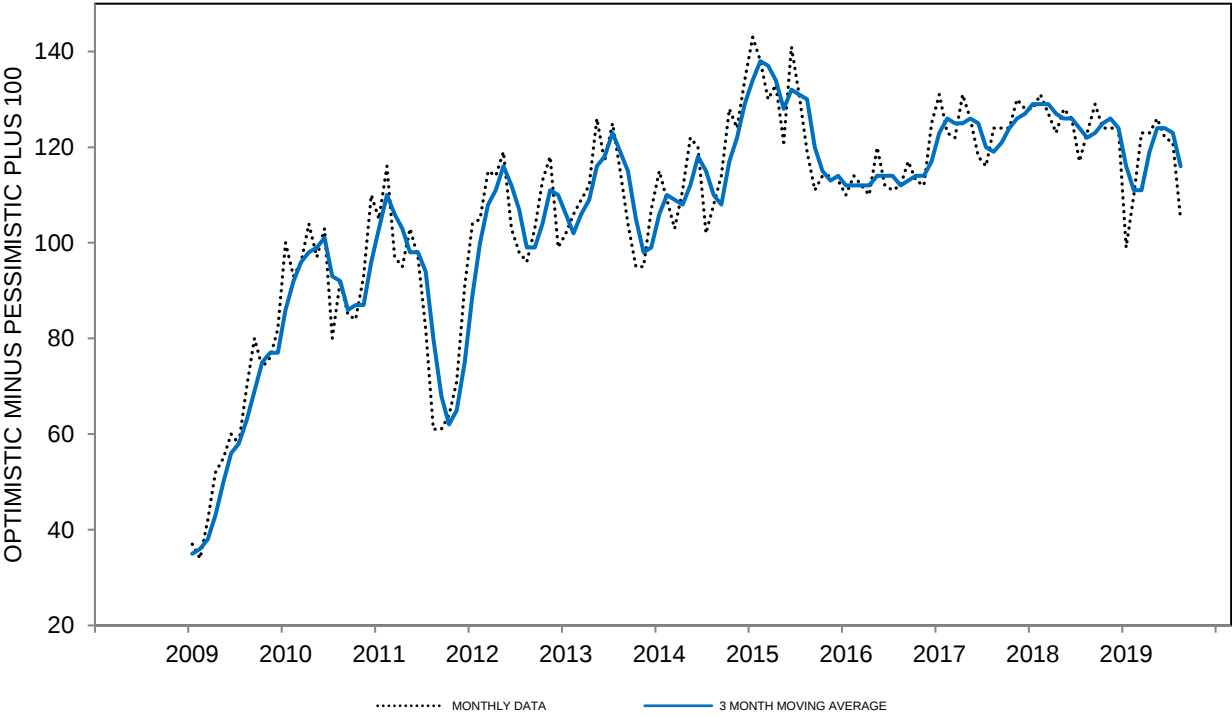


CHART 27: TREND IN PAST AND EXPECTED BUSINESS CONDITIONS

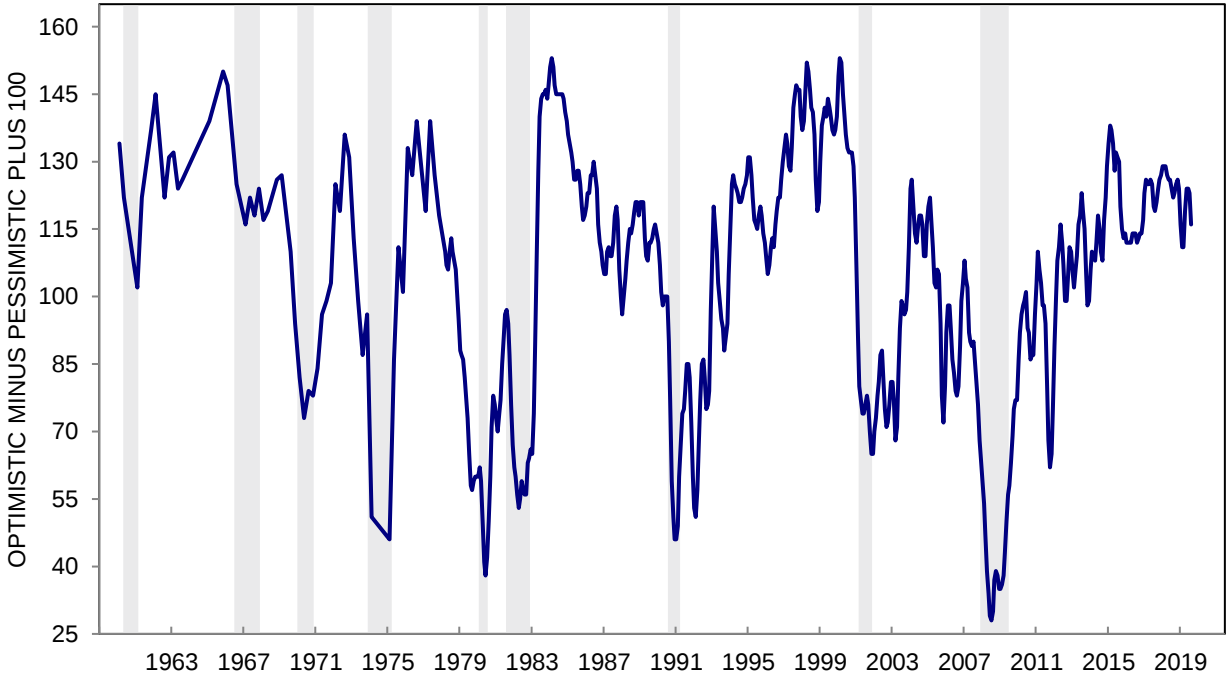


TABLE 28

BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIMES	53%	56%	55%	51%	53%	40%	48%	56%	51%	59%	55%	56%	47%
UNCERTAIN	4	3	5	5	4	5	4	5	4	4	5	4	5
BAD TIMES	35	33	32	34	35	48	40	32	36	29	34	34	43
DON'T KNOW	4	4	4	6	4	3	3	2	4	3	2	2	2
NA	4	4	4	4	4	4	5	5	5	5	4	4	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	118	123	123	117	118	92	108	124	115	130	121	122	104

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

All	117	119	121	121	119	109	106	108	116	123	122	124	116
Age 18 to 44	113	116	117	116	117	108	107	108	113	122	122	125	115
Age 45 to 64	120	119	122	122	119	109	105	107	117	121	120	123	120
Age 65+	118	124	126	126	123	111	106	108	117	127	125	125	111
Income Bottom Third	104	107	106	111	111	105	99	100	106	111	111	115	112
Income Middle Third	121	121	128	123	121	107	106	111	121	130	132	130	120
Income Top Third	126	128	128	125	121	111	110	111	119	128	124	127	115

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

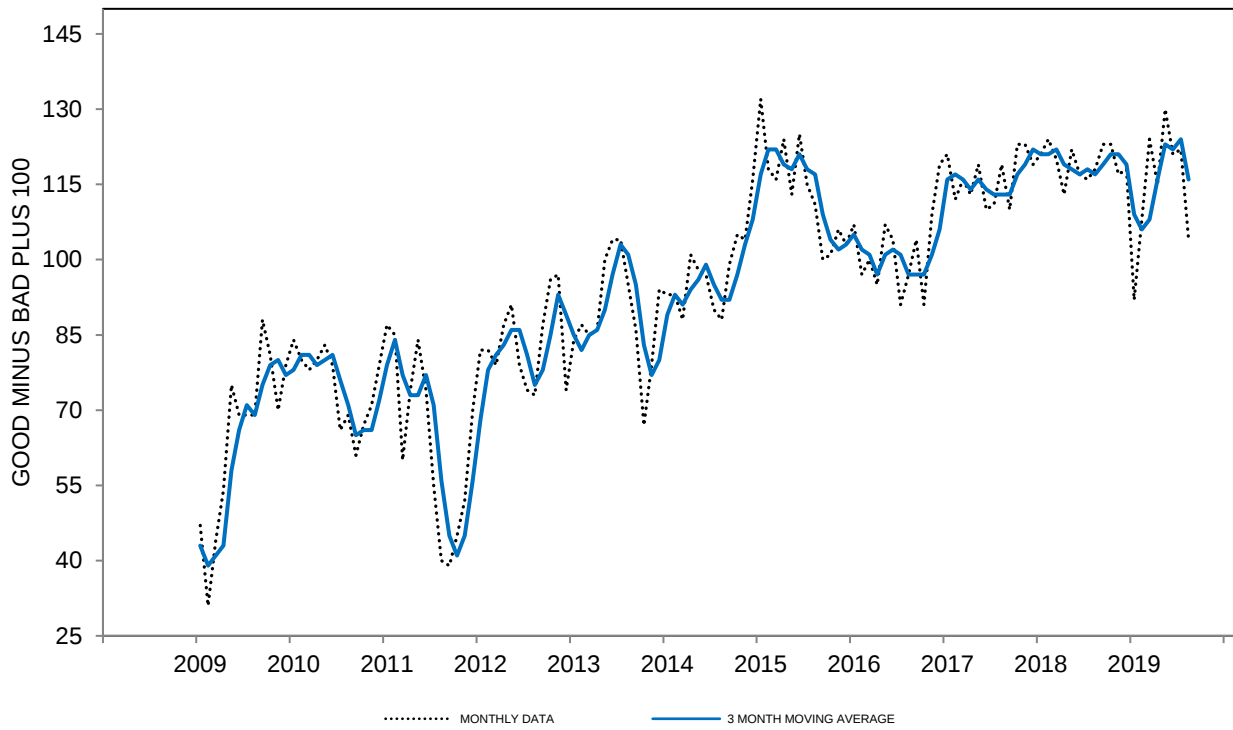


CHART 28: BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

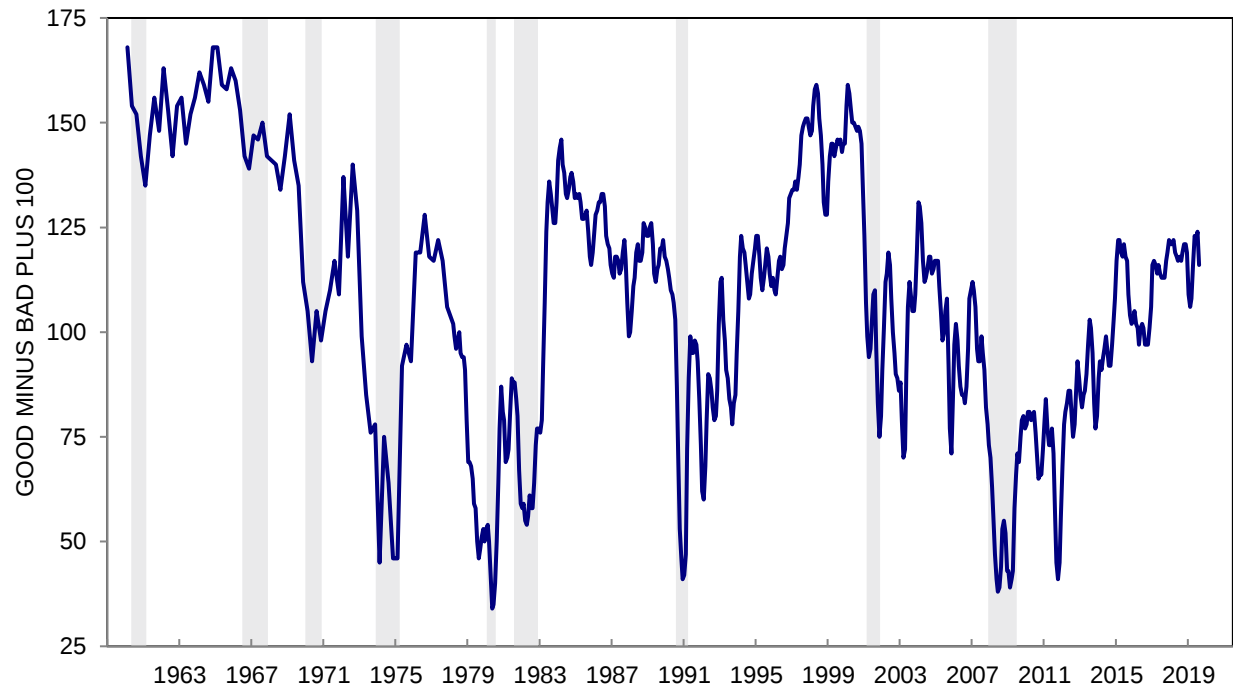


TABLE 29

BUSINESS CONDITIONS EXPECTED DURING THE NEXT 5 YEARS

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIMES	46%	47%	47%	49%	47%	42%	43%	45%	44%	50%	47%	48%	40%
UNCERTAIN	6	9	8	9	6	11	11	9	9	9	8	8	12
BAD TIMES	45	41	42	40	45	45	44	43	44	38	43	42	47
NA	3	3	3	2	2	2	2	3	3	3	2	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	101	106	105	109	102	97	99	102	100	112	104	106	93

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

All	101	103	104	107	105	103	99	99	100	105	105	107	101
Age 18 to 44	95	98	97	100	98	101	99	99	95	99	101	105	99
Age 45 to 64	106	105	106	108	108	102	96	95	102	105	107	110	108
Age 65+	106	108	113	116	113	107	104	107	109	114	110	108	94
Income Bottom Third	88	94	94	104	100	100	90	90	86	91	94	102	95
Income Middle Third	106	108	112	109	107	104	104	103	106	110	113	106	101
Income Top Third	112	107	105	102	104	101	102	102	106	111	109	112	105

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

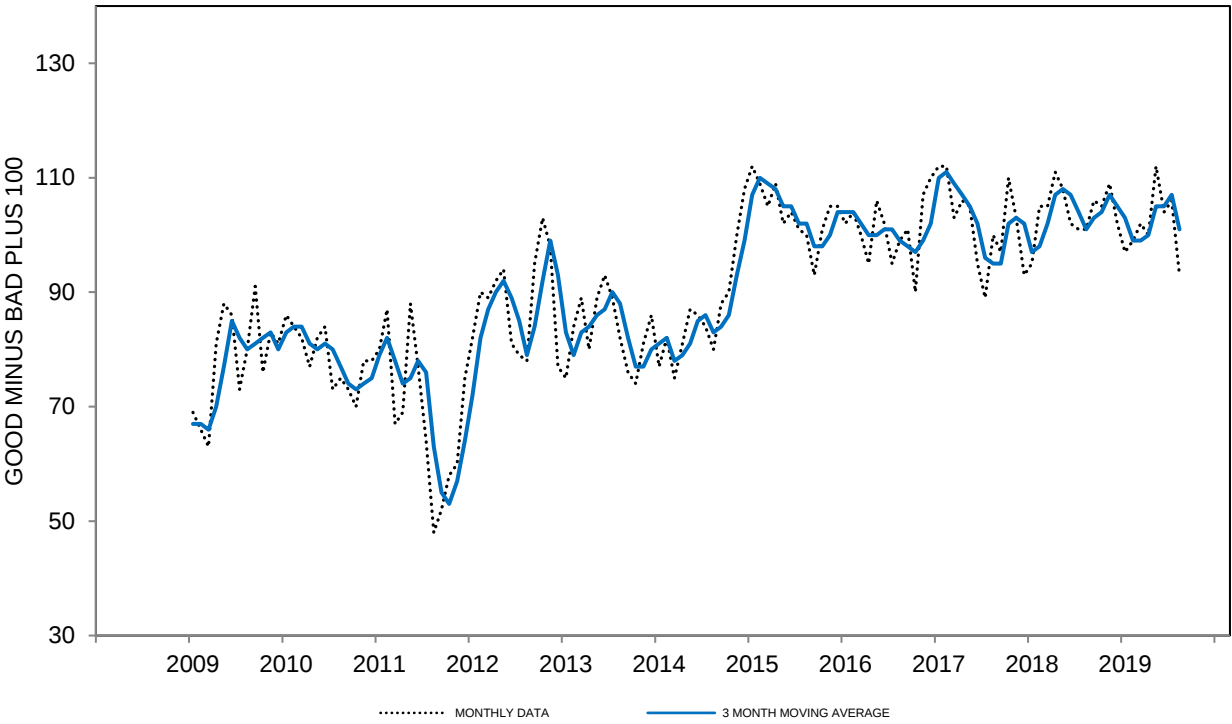


CHART 29: BUSINESS CONDITIONS EXPECTED DURING THE NEXT FIVE YEARS

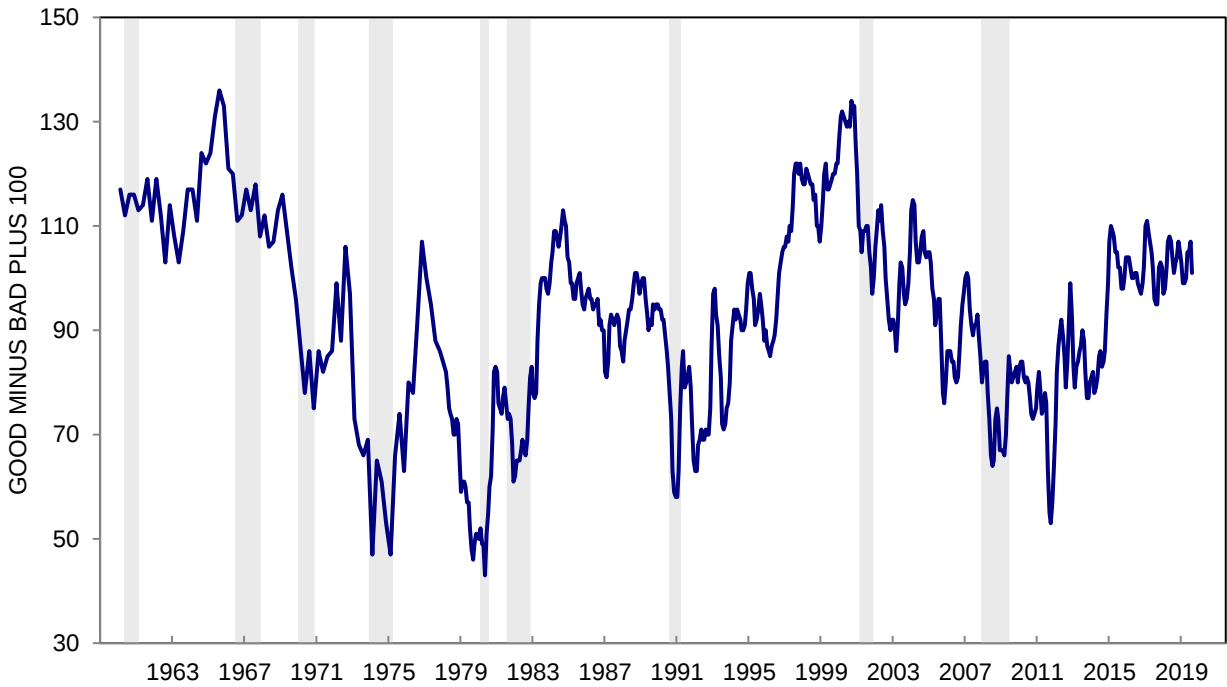


TABLE 30**EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
LESS	30%	29%	29%	27%	22%	19%	23%	25%	27%	25%	24%	23%	19%
SAME	45	50	46	50	47	47	46	52	49	53	49	51	51
MORE	25	20	23	22	30	33	31	22	24	22	27	25	30
DK, NA	*	1	2	1	1	1	*	1	*	*	*	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	105	109	106	105	92	86	92	103	103	103	97	98	89

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

All	105	106	107	107	101	94	90	94	99	103	101	99	95
Age 18 to 44	99	97	101	100	94	85	83	87	93	97	95	94	92
Age 45 to 64	108	110	108	109	102	97	92	94	101	102	101	101	100
Age 65+	113	113	113	115	111	106	100	104	107	114	108	105	92
Income Bottom Third	98	101	101	103	97	92	86	94	100	102	95	94	92
Income Middle Third	106	106	108	106	101	95	91	93	101	108	107	103	99
Income Top Third	110	109	109	108	102	94	92	93	96	100	102	101	94

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

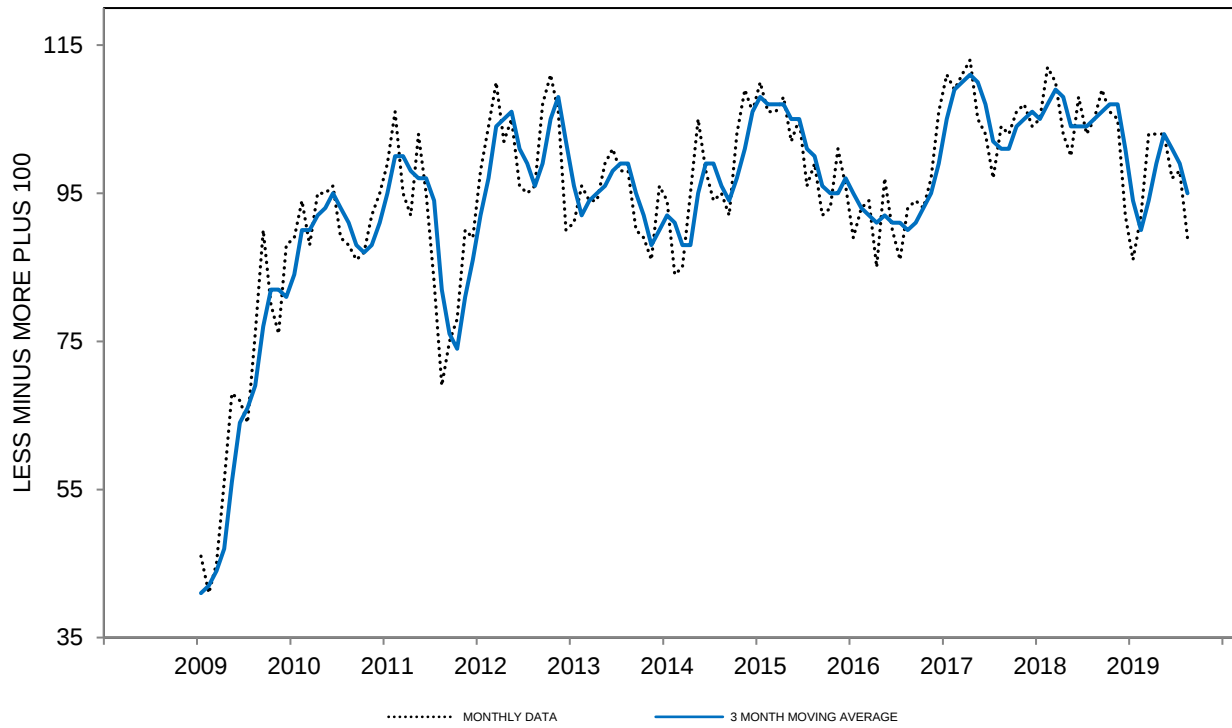


CHART 30: EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR

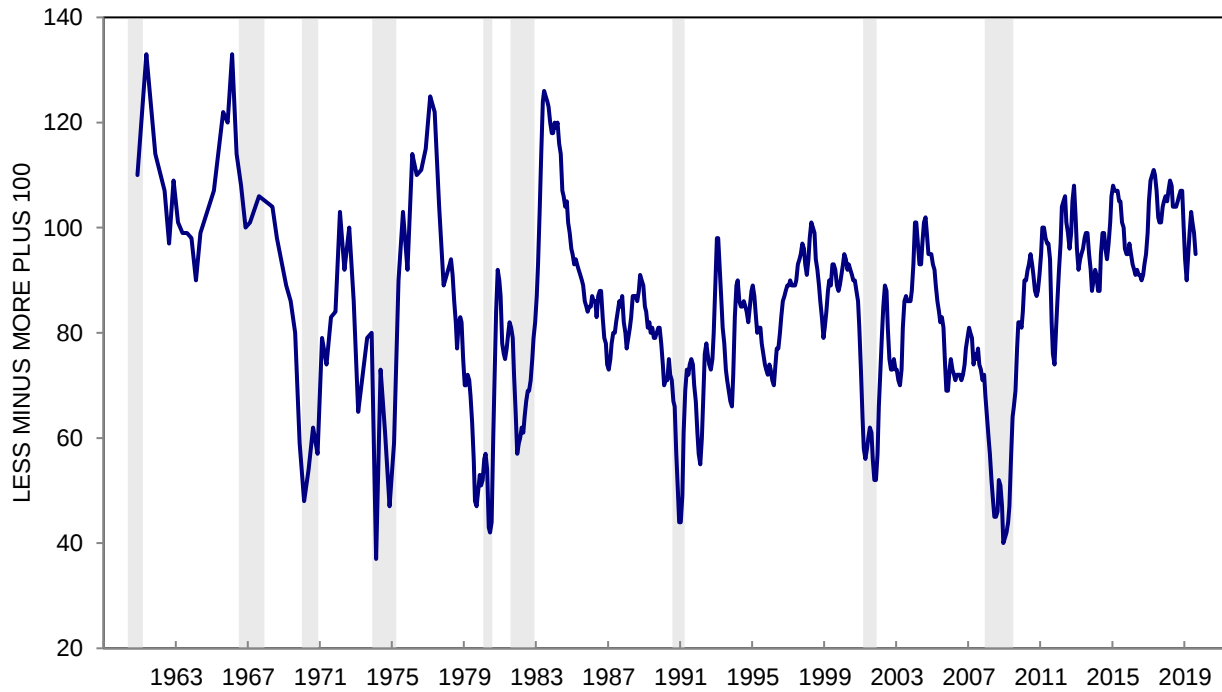


TABLE 31

EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GO UP	75%	75%	78%	77%	74%	70%	64%	63%	55%	58%	46%	45%	39%
STAY THE SAME	20	20	16	18	21	24	28	29	37	35	39	37	37
GO DOWN	4	4	4	4	3	4	7	7	6	6	14	17	22
DK, NA	1	1	2	1	2	2	1	1	2	1	1	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	29	29	26	27	29	34	43	44	51	48	68	72	83

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

All	29	29	28	27	27	30	35	40	46	48	56	63	74
Age 18 to 44	34	33	31	30	29	31	34	39	43	46	51	58	65
Age 45 to 64	25	27	28	27	27	29	36	41	48	46	59	67	84
Age 65+	24	23	24	25	27	30	36	41	48	51	58	65	76
Income Bottom Third	32	30	32	34	35	38	43	46	47	44	50	54	61
Income Middle Third	34	32	28	25	27	31	36	38	44	47	58	64	76
Income Top Third	19	22	24	22	21	22	29	36	45	49	59	70	88

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

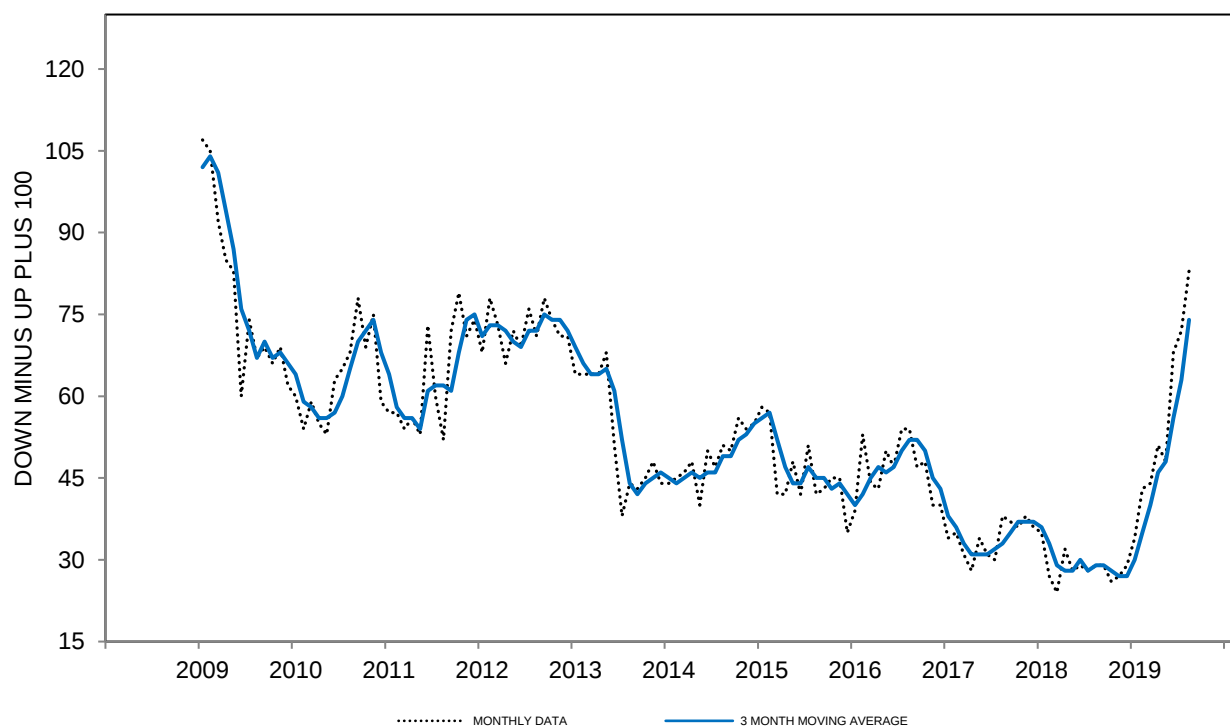


CHART 31: EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

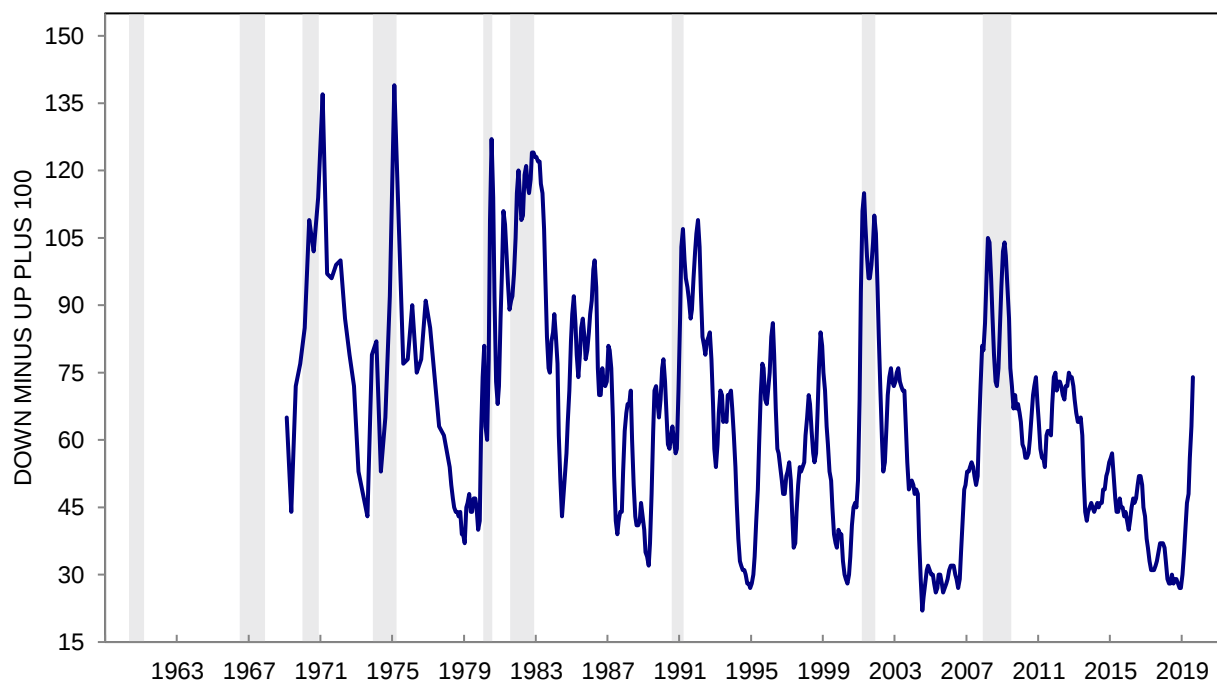


TABLE 32

EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
DOWN	2%	1%	1%	2%	3%	3%	2%	3%	1%	1%	2%	3%	2%
SAME	11	10	11	12	12	14	11	12	12	11	11	11	13
WILL GO UP BY:													
1-2%	22	30	27	27	27	26	33	32	34	26	29	30	29
3-4%	26	28	25	24	25	26	25	25	23	27	22	25	21
5%	13	14	12	13	13	14	10	13	11	14	14	11	15
6-9%	5	3	4	3	3	3	4	3	3	4	4	6	5
10-14%	7	5	8	7	6	4	6	5	6	7	7	6	7
15% or more	3	2	3	2	2	1	1	1	1	1	3	2	2
DK how much up	10	6	9	9	8	8	8	6	8	8	7	6	6
DK, NA	1	1	*	1	1	1	*	*	1	1	1	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
MEDIAN INCREASE	3.0	2.7	2.9	2.8	2.7	2.7	2.6	2.5	2.5	2.9	2.7	2.6	2.7
25th PERCENTILE	1.4	1.5	1.4	1.2	1.3	1.1	1.2	1.1	1.2	1.4	1.2	1.1	1.2
75th PERCENTILE	4.9	4.6	4.9	4.7	4.7	4.5	4.2	4.2	4.2	4.8	4.8	4.6	4.9
INTERQUARTILE RANGE (75th-25th)	3.5	3.1	3.5	3.5	3.4	3.5	3.0	3.1	3.1	3.4	3.7	3.5	3.7
MEAN INCREASE	3.7	3.3	3.7	3.3	3.3	2.9	3.1	2.9	3.1	3.4	3.5	3.2	3.4
VARIANCE	13	10	13	12	12	9	10	10	8	9	13	12	12

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

All	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.6	2.5	2.6	2.7	2.7	2.7
Age 18 to 44	2.8	2.7	2.8	2.7	2.8	2.6	2.5	2.4	2.5	2.5	2.5	2.5	2.4
Age 45 to 64	3.1	3.0	2.9	2.8	2.8	2.8	2.7	2.6	2.5	2.7	2.9	2.9	2.8
Age 65+	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.6	2.5	2.6	2.8	2.9	3.1
Income Bottom Third	3.2	3.1	3.2	3.2	3.1	3.0	2.9	2.9	2.9	3.0	3.1	3.0	3.0
Income Middle Third	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.5	2.4	2.4	2.6	2.7	2.8
Income Top Third	2.8	2.7	2.6	2.6	2.6	2.6	2.5	2.4	2.3	2.5	2.4	2.5	2.3

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

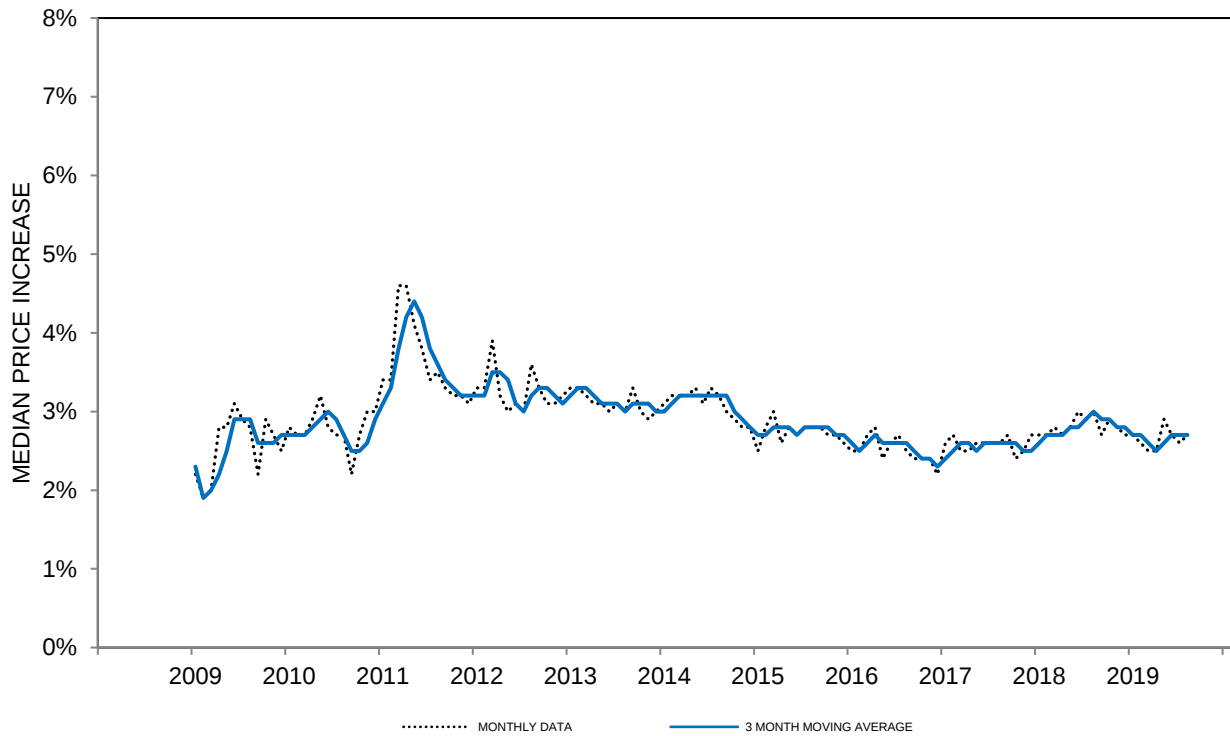


CHART 32: EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

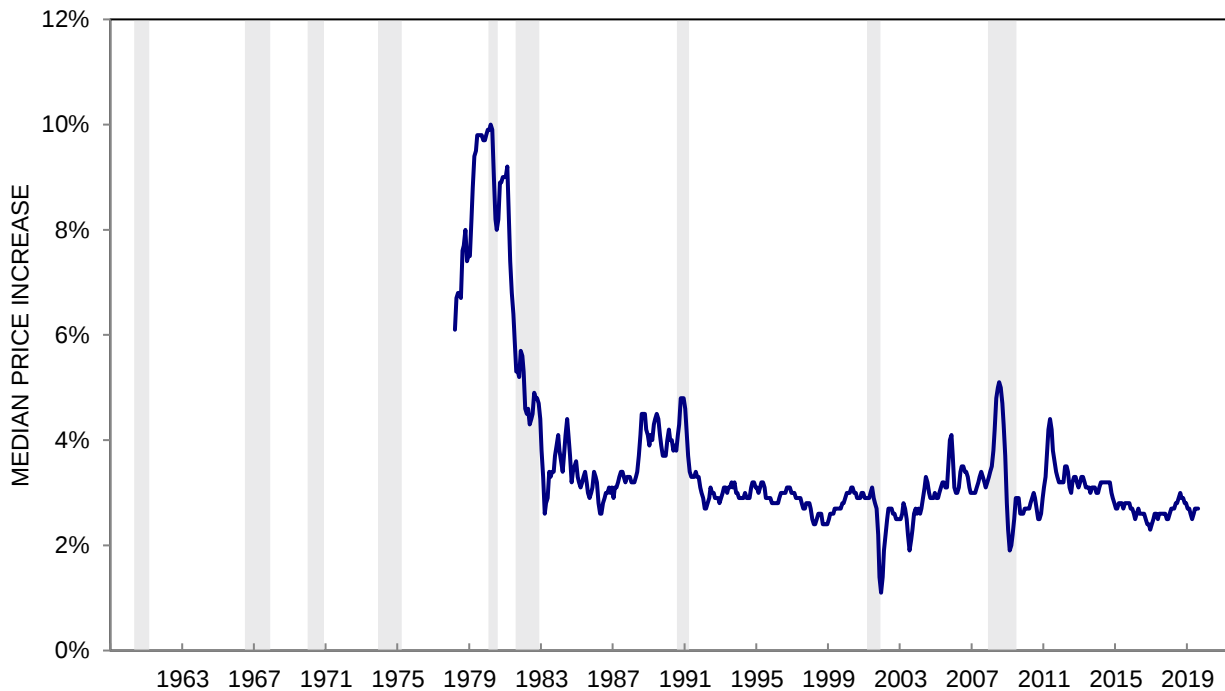


TABLE 33**EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
DOWN	4%	3%	3%	3%	4%	3%	4%	3%	2%	3%	4%	5%	5%
SAME	2	2	2	2	2	2	2	2	3	1	3	2	3
WILL GO UP BY:													
1-2%	36	41	42	38	40	39	44	41	45	38	43	38	36
3-4%	27	31	26	32	29	31	25	30	28	31	29	29	30
5%	11	9	8	8	9	10	8	11	8	10	7	9	10
6-9%	3	2	3	2	2	2	2	3	2	3	2	5	3
10-14%	3	4	4	4	4	3	4	1	3	4	4	3	2
15% or more	1	1	1	1	1	*	1	1	1	1	*	1	1
DK how much up	10	5	8	8	8	8	7	6	6	7	6	6	8
DK, NA	3	2	3	2	1	2	3	2	2	2	2	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
MEDIAN INCREASE	2.6	2.5	2.4	2.6	2.5	2.6	2.3	2.5	2.3	2.6	2.3	2.5	2.6
25th PERCENTILE	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.4	1.2	1.3	1.3
75th PERCENTILE	4.0	3.5	3.4	3.5	3.4	3.5	3.4	3.4	3.4	3.6	3.4	3.6	3.5
INTERQUARTILE RANGE (75th-25th)	2.5	2.1	2.0	2.1	2.1	2.0	2.1	2.1	2.0	2.2	2.2	2.3	2.2
MEAN INCREASE	3.0	2.8	2.8	2.9	2.8	2.8	2.7	2.7	2.7	3.0	2.6	2.9	2.7
VARIANCE	8	7	6	7	7	6	7	5	5	7	7	8	7

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

All	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.4	2.5	2.4	2.5	2.5
Age 18 to 44	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.2	2.2	2.3	2.3	2.3	2.3
Age 45 to 64	2.6	2.6	2.5	2.6	2.6	2.6	2.5	2.6	2.4	2.6	2.5	2.6	2.5
Age 65+	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.5	2.6	2.6
Income Bottom Third	2.7	2.5	2.7	2.7	2.7	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.5
Income Middle Third	2.4	2.5	2.5	2.3	2.4	2.5	2.6	2.5	2.4	2.3	2.3	2.4	2.5
Income Top Third	2.5	2.4	2.4	2.5	2.5	2.5	2.3	2.3	2.2	2.4	2.3	2.4	2.4

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

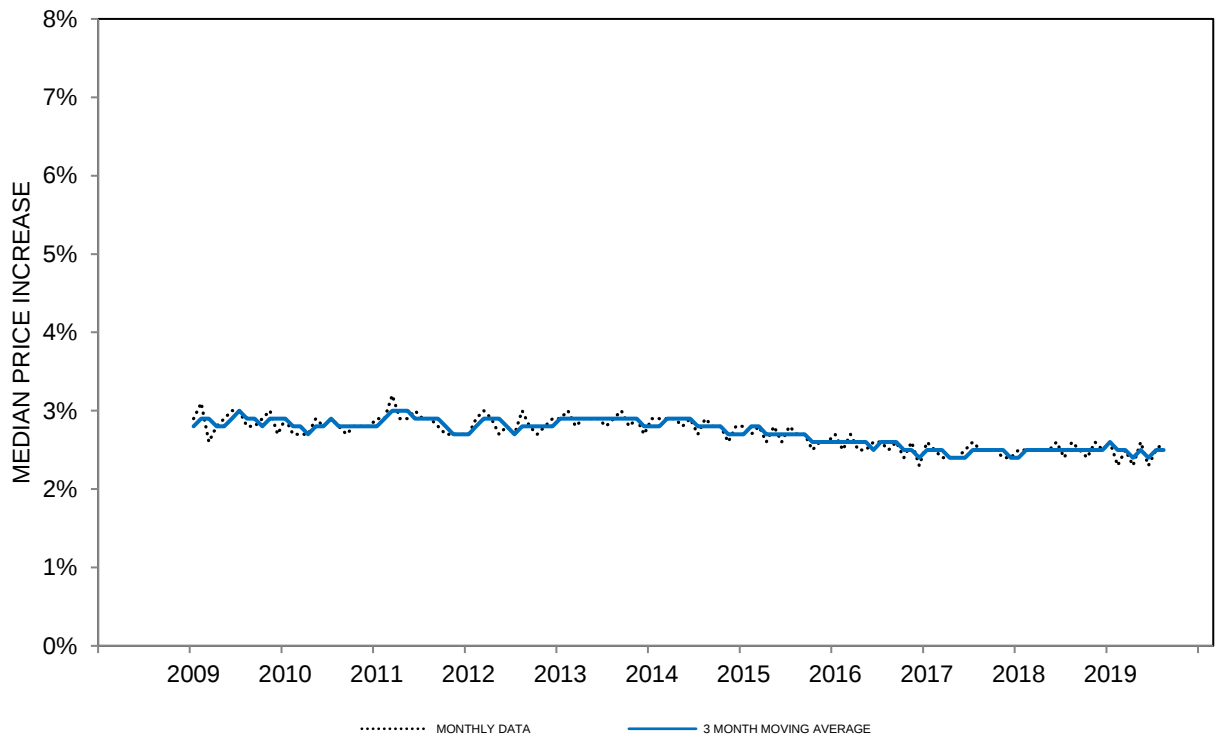


CHART 33: EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

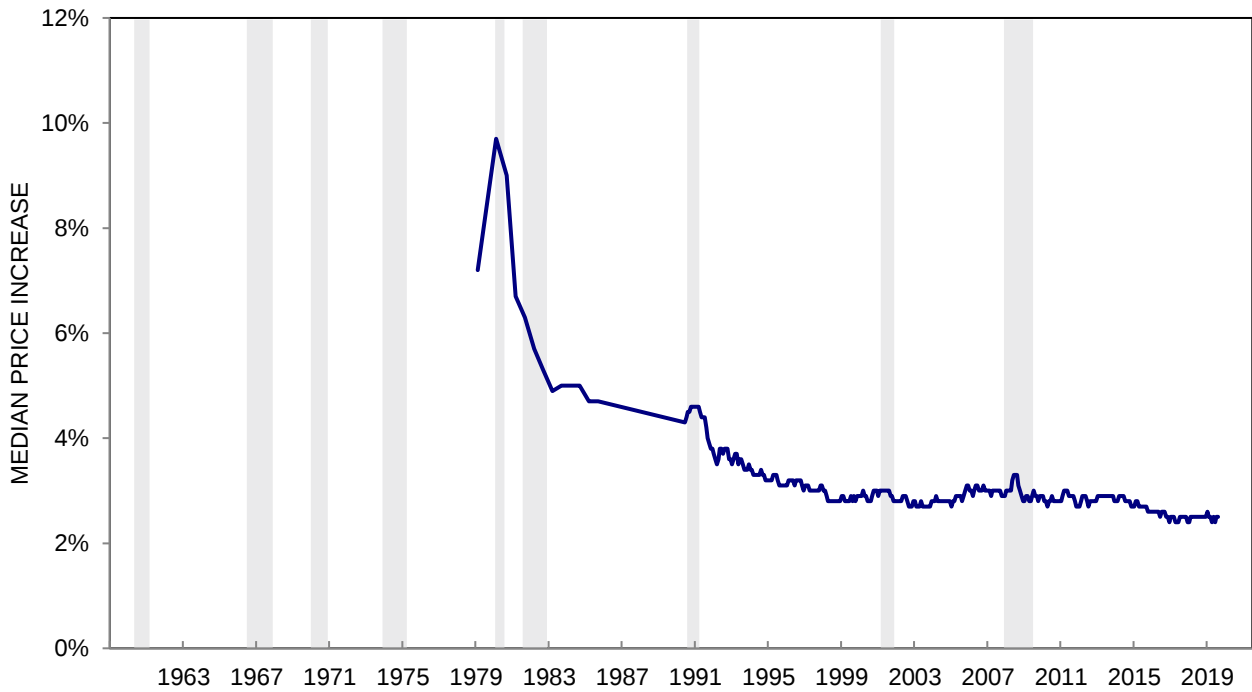


TABLE 34**OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
A GOOD JOB	30%	35%	35%	33%	33%	26%	32%	36%	35%	38%	37%	32%	32%
ONLY FAIR	35	36	36	36	34	37	34	34	33	33	32	40	36
A POOR JOB	33	29	27	30	29	34	31	28	30	28	30	26	30
DK, NA	2	*	2	1	4	3	3	2	2	1	1	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	97	106	108	103	104	92	101	108	105	110	107	106	102

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

All	98	101	104	106	105	100	99	100	105	108	107	108	105
Age 18 to 44	91	92	94	95	91	86	88	94	96	99	97	96	94
Age 45 to 64	101	103	106	108	112	107	105	102	108	110	112	114	113
Age 65+	106	110	115	118	119	112	109	110	112	118	116	118	113
Income Bottom Third	83	86	86	92	91	86	85	88	91	90	88	93	95
Income Middle Third	101	104	110	109	108	103	100	102	108	115	117	111	108
Income Top Third	111	111	112	112	113	108	110	109	113	117	118	117	112

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

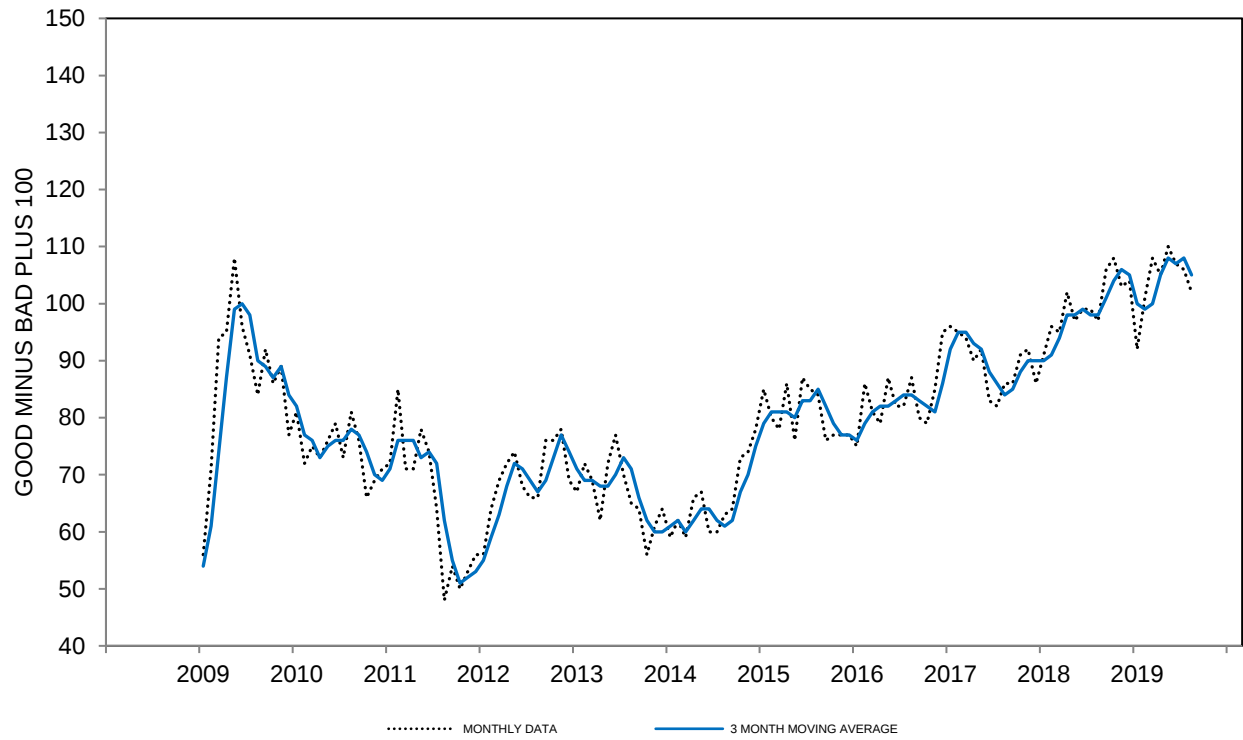


CHART 34: OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

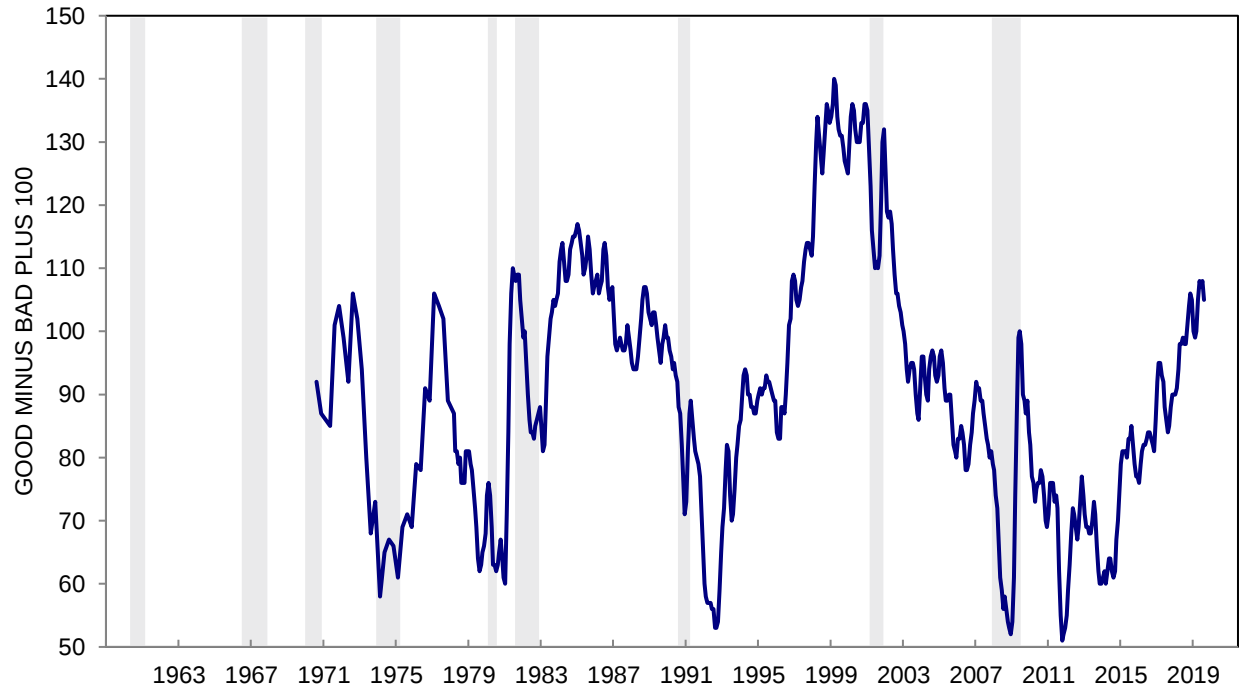


TABLE 35**BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO BUY	74%	78%	78%	77%	82%	74%	76%	74%	75%	72%	78%	75%	70%
UNCERTAIN, DEPENDS	6	8	7	7	5	7	6	8	9	7	4	6	6
BAD TIME TO BUY	20	14	15	16	13	19	18	18	16	21	18	19	24
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	154	164	163	161	169	155	158	156	159	151	160	156	146

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

All	161	161	160	163	164	162	161	156	158	155	157	156	154
Age 18 to 44	157	150	152	155	159	155	157	153	153	151	155	153	152
Age 45 to 64	163	167	165	167	167	166	162	158	161	159	156	155	153
Age 65+	165	166	166	170	170	169	165	159	160	159	162	162	157
Income Bottom Third	154	153	148	157	160	159	154	147	149	149	150	148	144
Income Middle Third	158	158	161	161	163	160	163	162	162	157	159	158	159
Income Top Third	170	171	171	170	170	166	167	163	165	162	162	162	160

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

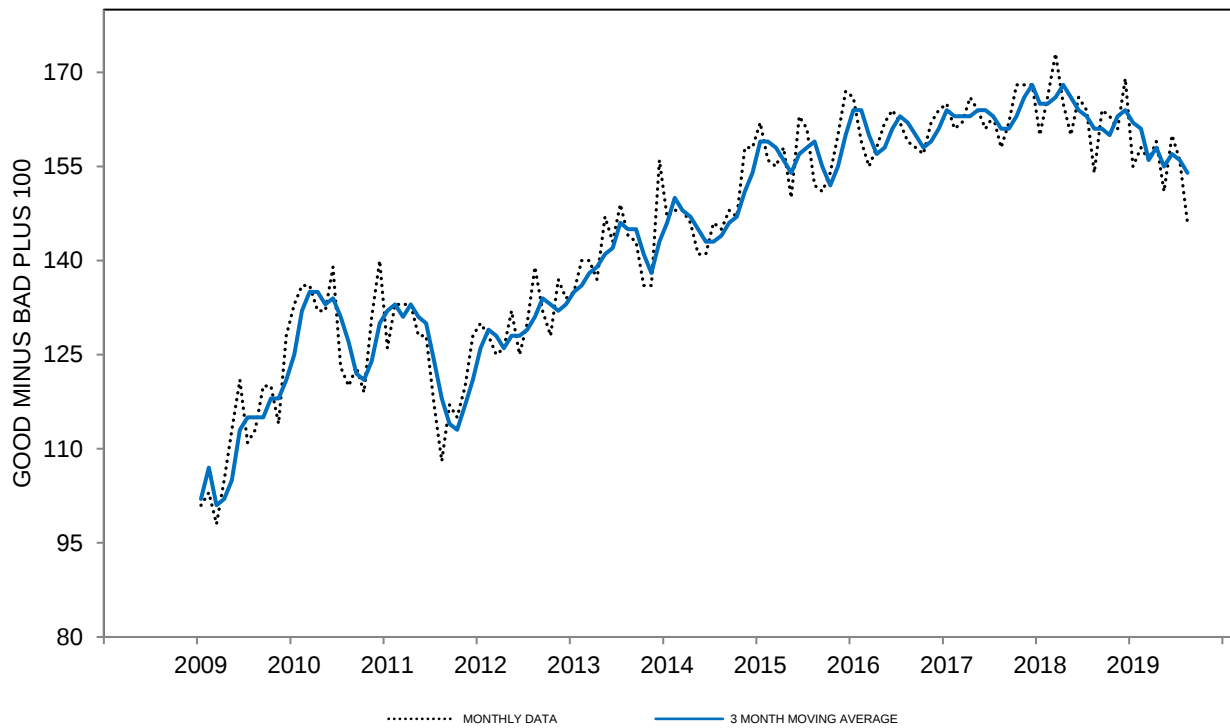


CHART 35: BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

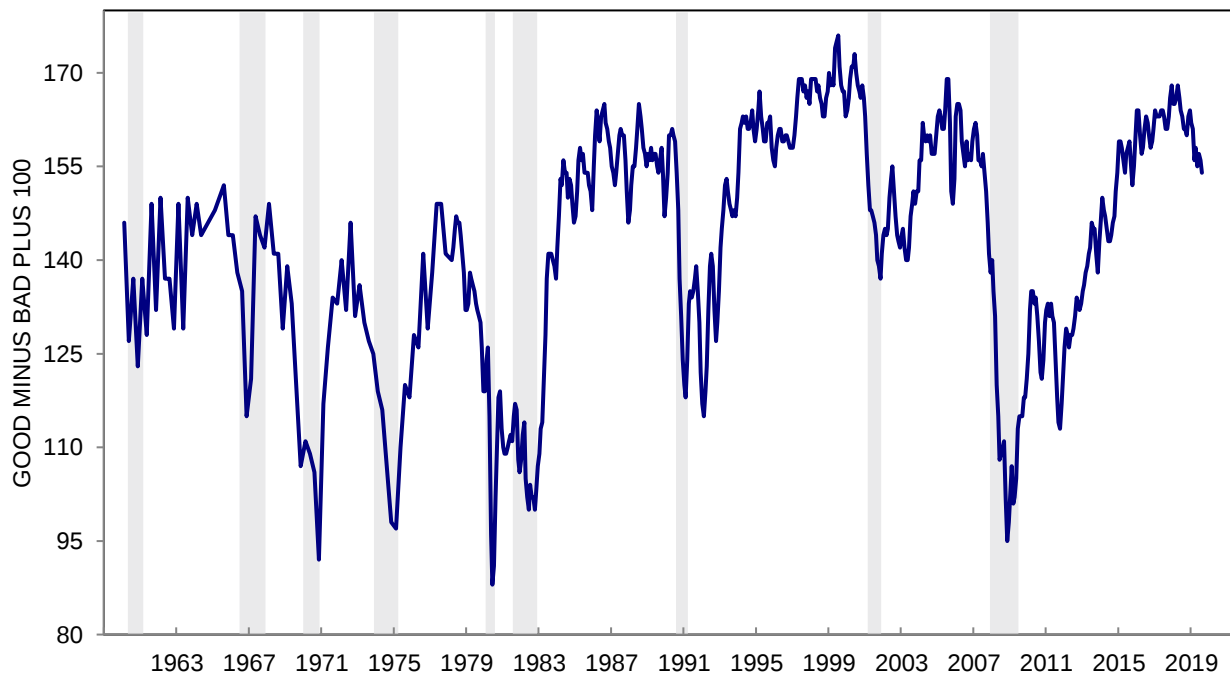


TABLE 36

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

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO BUY													
Prices are low; good buys available	32%	30%	31%	37%	43%	37%	39%	31%	35%	34%	28%	38%	32%
Prices won't come down; are going higher	16	18	18	13	12	10	10	10	8	12	18	11	12
Interest rates are low	5	8	6	6	5	7	6	7	8	9	7	10	9
Borrow-in-advance of rising interest rates	1	2	2	1	2	1	1	1	1	*	1	*	*
Times are good; prosperity	18	21	22	18	17	19	18	20	24	18	22	20	17
BAD TIME TO BUY													
Prices are high	12	8	8	11	7	10	10	12	10	13	10	11	16
Interest rates are high; credit is tight	1	3	2	2	1	3	3	3	1	3	2	2	3
Times are bad; can't afford to buy	5	3	3	4	2	4	3	3	3	4	3	4	3
Bad times ahead; uncertain future	3	1	4	2	3	5	5	3	4	4	4	4	4

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

All	24	23	22	24	28	30	31	25	24	22	21	22	20
Age 18 to 44	23	20	19	24	29	28	28	21	23	20	21	19	18
Age 45 to 64	21	21	22	24	29	32	32	28	26	23	19	21	21
Age 65+	28	26	24	23	29	33	34	28	25	23	23	24	20
Income Bottom Third	24	22	21	27	32	33	33	26	26	23	22	22	18
Income Middle Third	23	19	19	22	29	30	29	23	24	22	24	21	22
Income Top Third	25	25	24	24	27	29	33	29	28	24	21	22	21

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

All	5	4	4	4	4	4	4	4	5	6	6	6	6
Age 18 to 44	4	3	2	2	3	2	2	2	3	4	5	6	7
Age 45 to 64	6	6	6	7	6	7	5	5	7	9	8	7	5
Age 65+	3	4	5	4	3	5	4	5	4	6	4	6	6
Income Bottom Third	4	2	2	4	5	4	2	0	1	3	4	5	4
Income Middle Third	6	6	4	5	4	4	4	5	5	6	5	6	6
Income Top Third	5	6	5	5	4	6	6	7	9	9	10	9	10

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

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

*: Less than half of one percent.

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

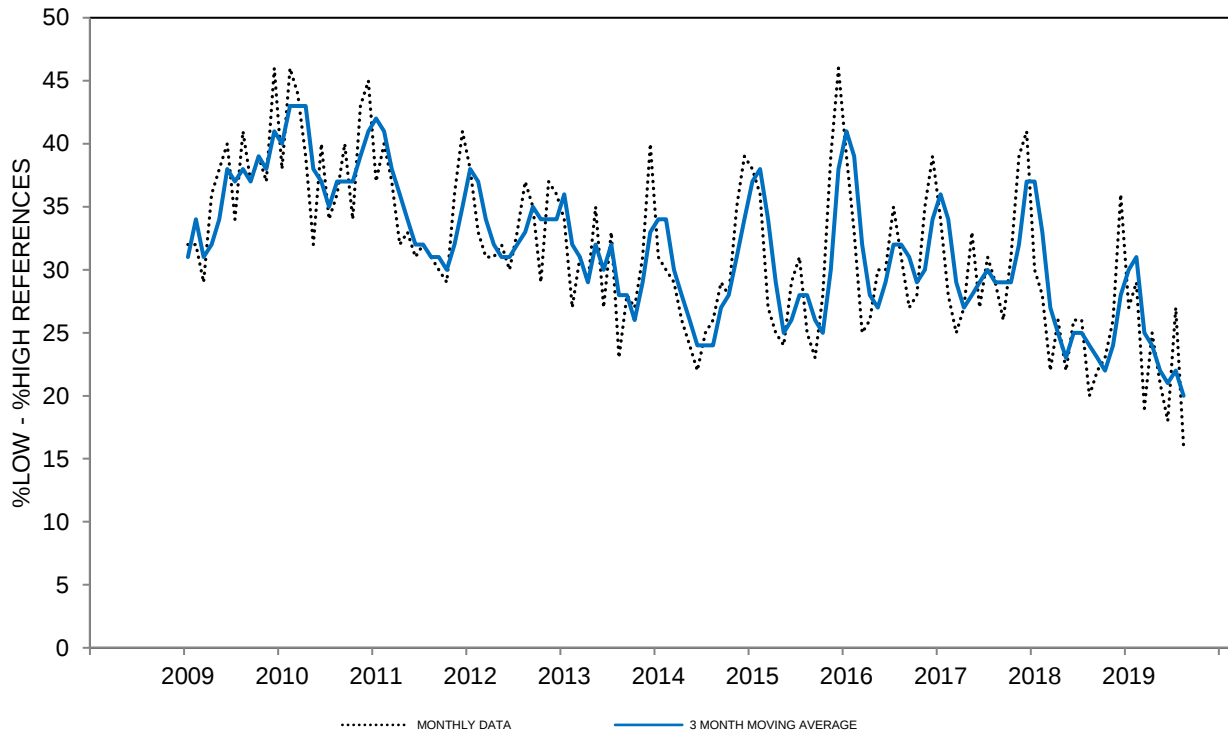


CHART 36A: PRICE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW PRICES - %HIGH PRICES)

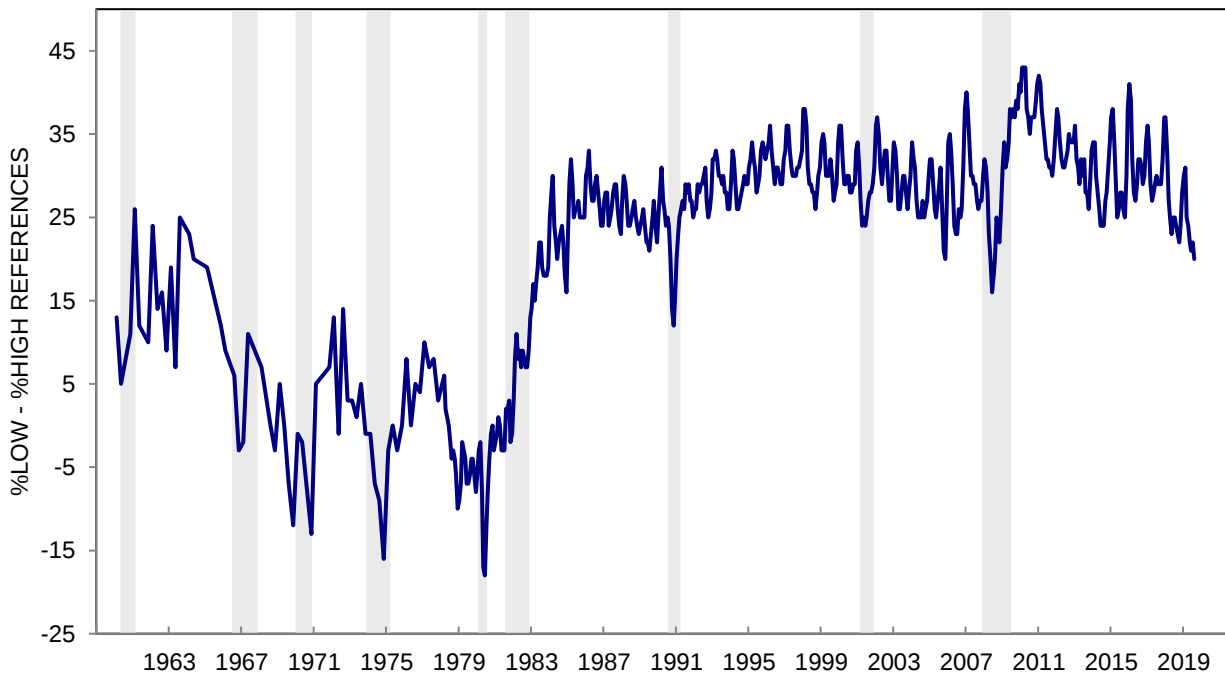


CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES

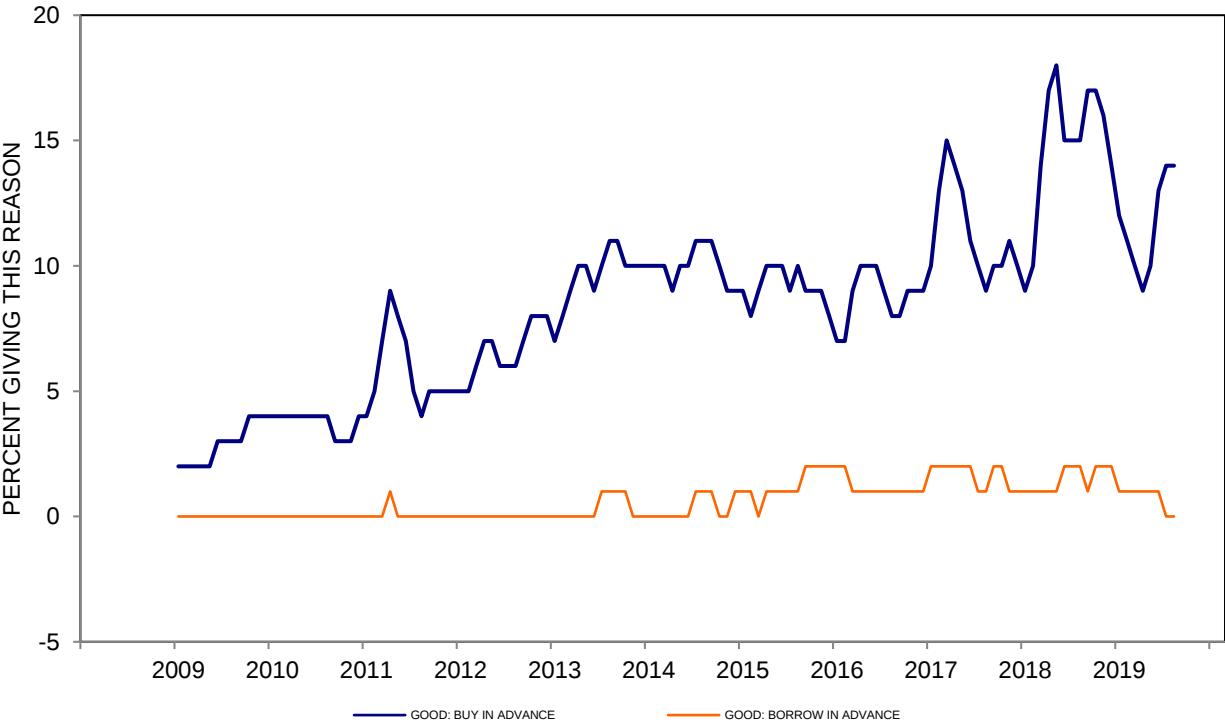


CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES

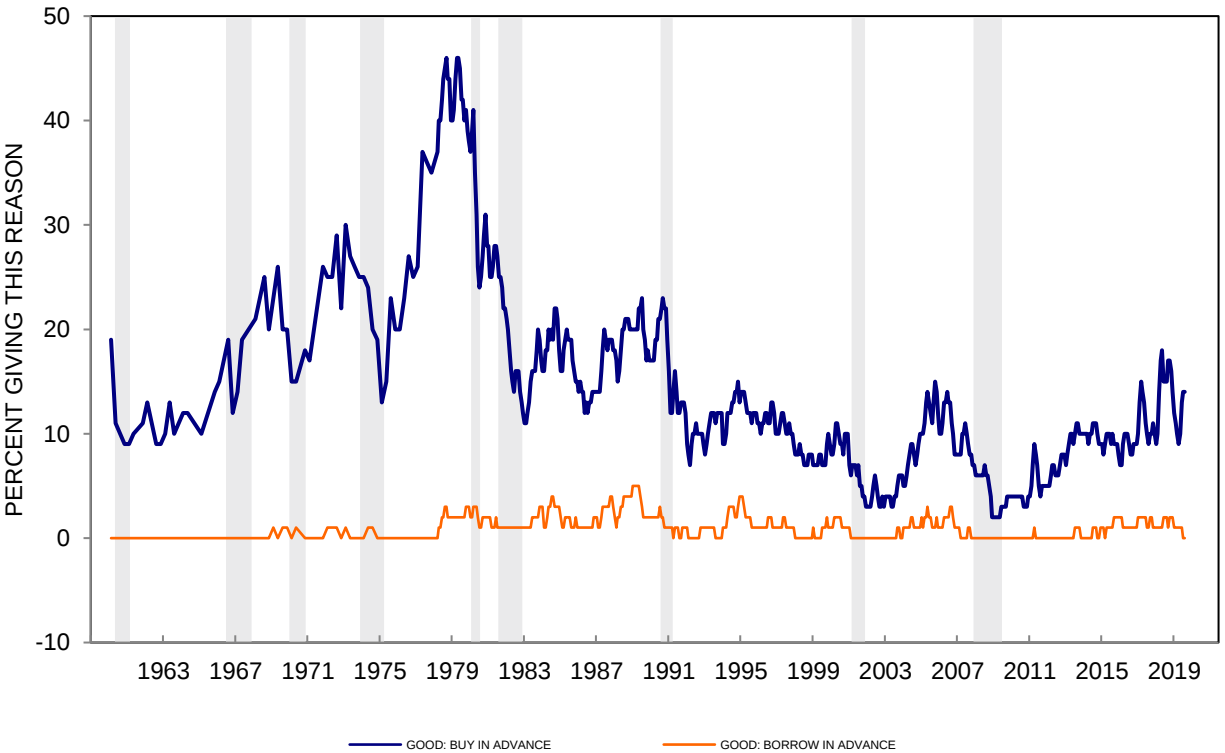


CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)

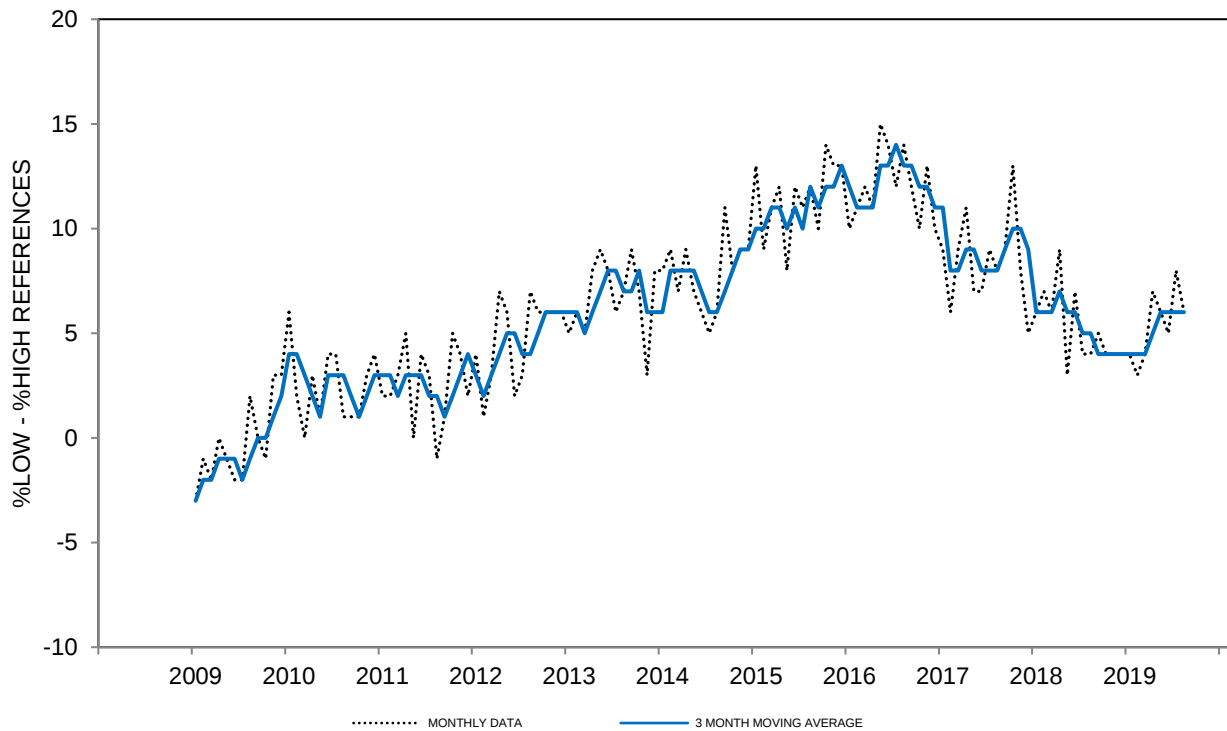
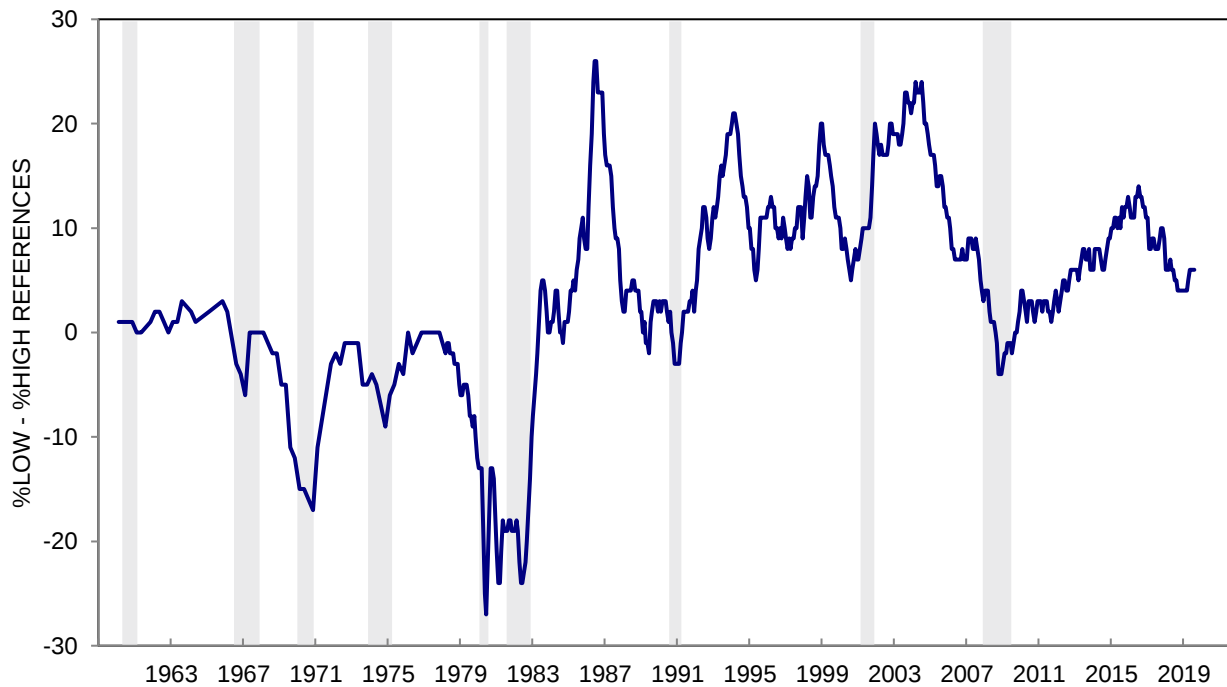
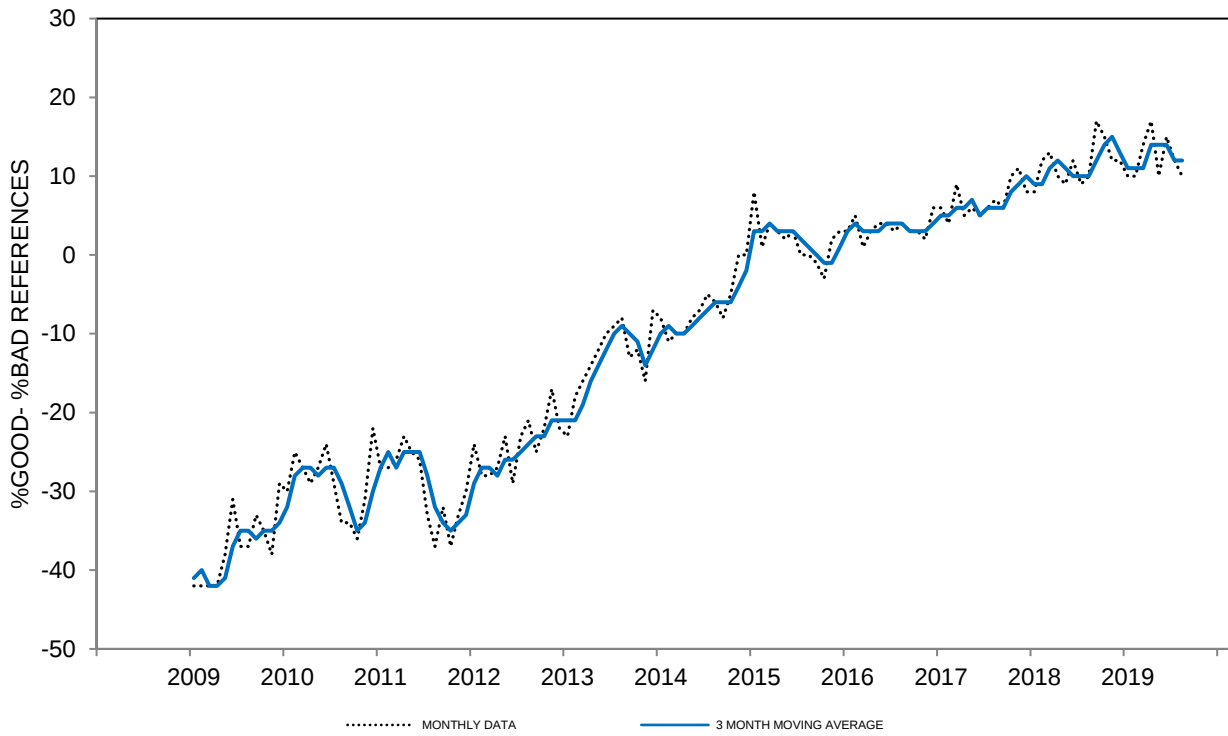


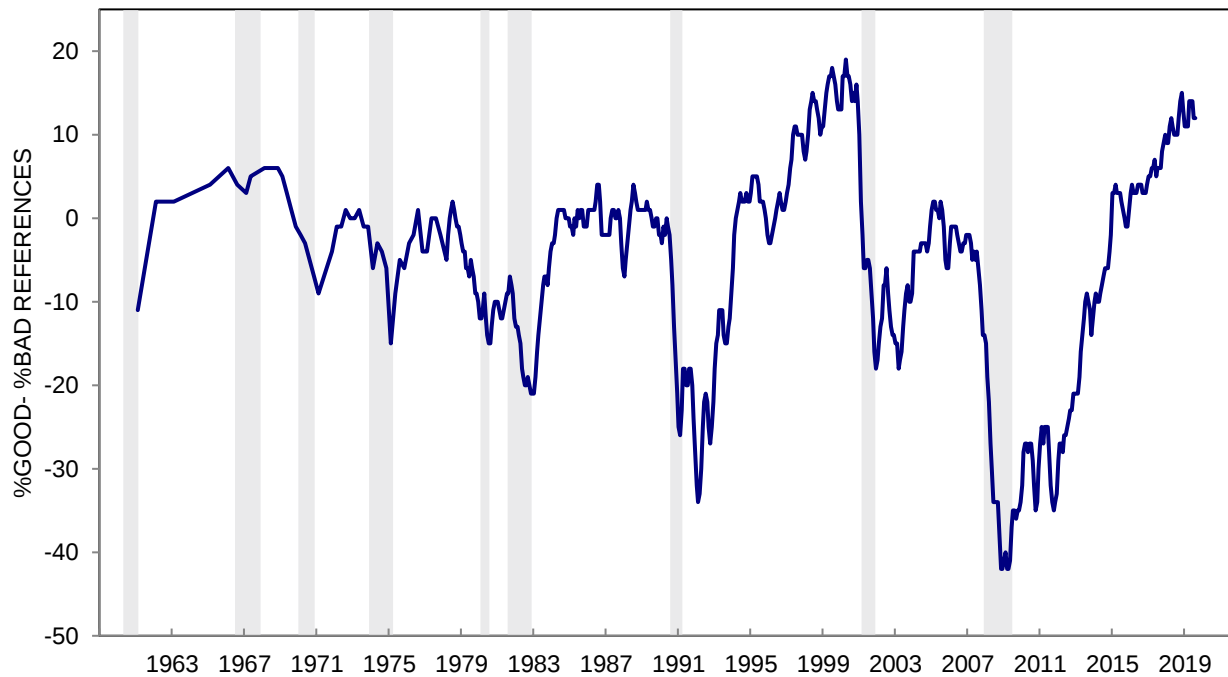
CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)



**CHART 36D: ECONOMIC UNCERTAINTY REASONS FOR LARGE HOUSEHOLD DURABLES
(%TIMES ARE GOOD - %TIMES ARE BAD)**



**CHART 36D: ECONOMIC UNCERTAINTY REASONS FOR LARGE HOUSEHOLD DURABLES
(%TIMES ARE GOOD - %TIMES ARE BAD)**



This Page
Intentionally
Left Blank

TABLE 37**BUYING CONDITIONS FOR VEHICLES**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO BUY	59%	67%	59%	59%	59%	59%	61%	62%	61%	62%	63%	62%	58%
UNCERTAIN, DEPENDS	6	5	7	8	7	7	6	8	8	7	4	5	7
BAD TIME TO BUY	35	28	34	33	34	34	33	30	31	31	33	33	35
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	124	139	125	126	125	125	128	132	130	131	130	129	123

BUYING CONDITIONS FOR VEHICLES - INDEX SCORE
THREE MONTH MOVING AVERAGES

All	130	130	129	130	125	125	126	128	130	131	130	130	127
Age 18 to 44	122	120	120	120	114	116	117	124	123	123	122	123	120
Age 45 to 64	132	132	134	134	131	126	127	124	131	133	133	133	129
Age 65+	141	142	138	141	138	140	137	139	141	141	141	138	136
Income Bottom Third	121	124	124	129	124	123	118	119	119	125	124	128	121
Income Middle Third	130	128	126	121	117	121	130	132	135	131	132	127	125
Income Top Third	137	135	136	137	133	131	129	133	135	137	136	135	137

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

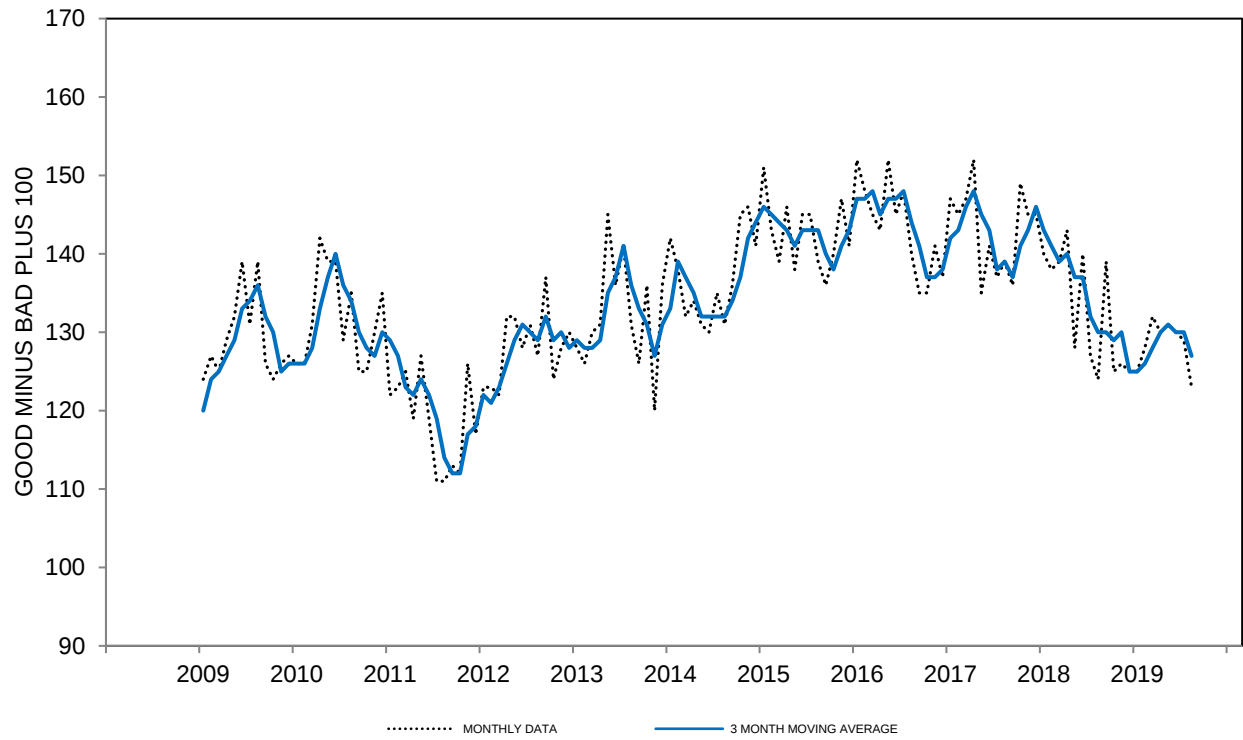


CHART 37: BUYING CONDITIONS FOR VEHICLES

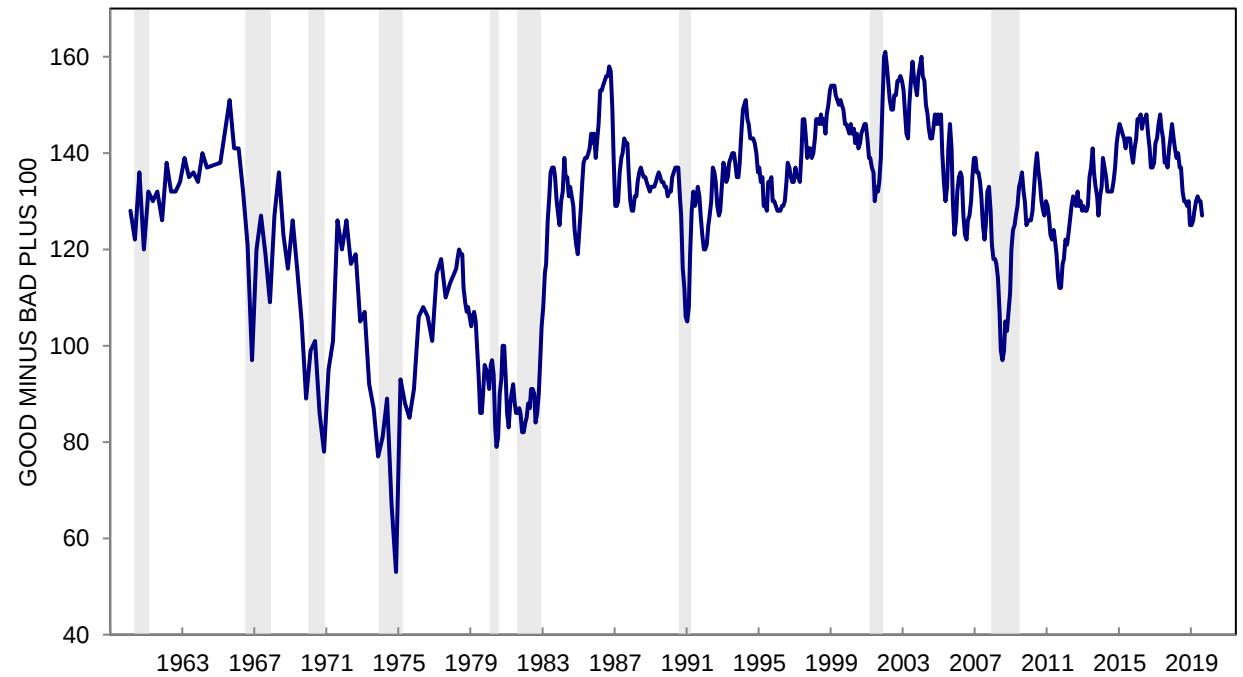


TABLE 38

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR VEHICLES

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO BUY													
Prices are low; good buys available	17%	21%	17%	22%	24%	25%	24%	24%	20%	25%	22%	25%	24%
Prices won't come down; are going higher	10	11	10	8	7	5	8	6	5	6	10	7	4
Interest rates are low	13	14	13	11	12	15	13	16	15	17	12	18	18
Borrow-in-advance of rising interest rates	2	2	3	3	3	2	3	2	2	2	1	*	*
Times are good; prosperity	14	17	17	15	12	12	14	17	20	16	19	18	14
New fuel efficient model	1	1	1	1	2	1	2	1	1	2	1	2	1
BAD TIME TO BUY													
Prices are high	19	18	22	22	22	18	18	19	20	20	21	20	23
Interest rates are high; credit is tight	8	4	6	6	5	7	7	7	5	4	4	3	7
Times are bad; can't afford to buy	5	3	3	2	6	5	3	4	3	4	4	3	5
Bad times ahead; uncertain future	3	2	3	4	3	6	6	3	3	4	4	5	4
Price of gas; shortages	1	*	1	*	1	1	1	1	1	2	1	2	1
Poor selection; quality	3	3	2	3	2	3	5	3	4	5	3	4	3

SELECTED REASONS FOR OPINIONS ABOUT VEHICLE BUYING CONDITIONS

PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)

All	1	0	-1	-1	-1	3	5	6	4	3	2	4	2
Age 18 to 44	-2	-4	-6	-6	-8	-2	1	4	0	0	-2	-1	-4
Age 45 to 64	-1	-1	0	2	3	3	3	2	4	5	3	4	4
Age 65+	9	8	3	3	5	12	15	15	10	10	11	12	11
Income Bottom Third	-3	-1	-4	-2	-3	0	1	2	0	3	2	6	1
Income Middle Third	3	0	-3	-4	-3	2	7	6	5	2	1	0	-1
Income Top Third	2	-1	0	2	2	6	7	10	7	6	5	6	8

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

All	8	8	7	7	6	7	7	8	8	11	10	12	11
Age 18 to 44	5	5	3	4	1	2	3	3	4	6	7	9	8
Age 45 to 64	11	11	12	12	10	10	10	10	11	15	15	15	13
Age 65+	7	7	8	8	8	9	9	11	11	12	10	11	12
Income Bottom Third	6	5	5	6	6	6	4	4	2	6	4	7	5
Income Middle Third	7	5	4	4	3	5	7	8	8	9	9	13	12
Income Top Third	10	12	13	14	11	9	11	11	15	18	18	16	18

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)

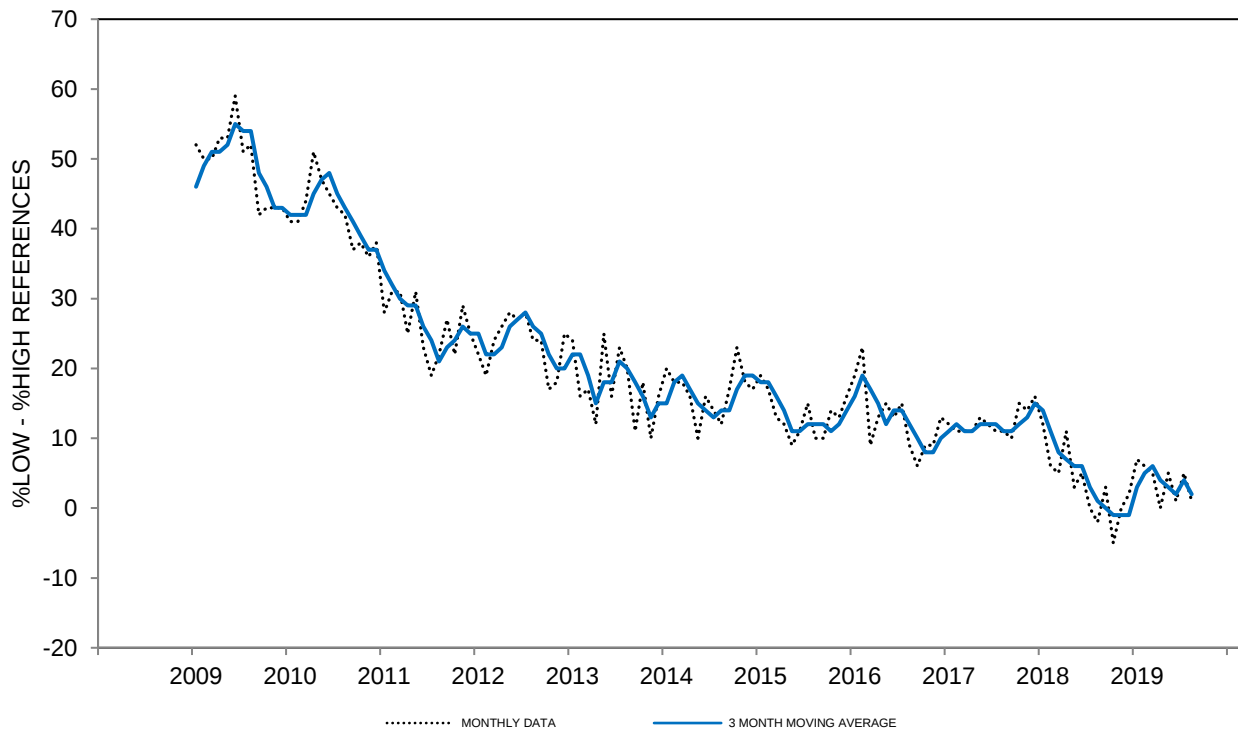


CHART 38A: PRICE REASONS FOR BUYING CONDITIONS FOR VEHICLES
 (%LOW PRICES - %HIGH PRICES)

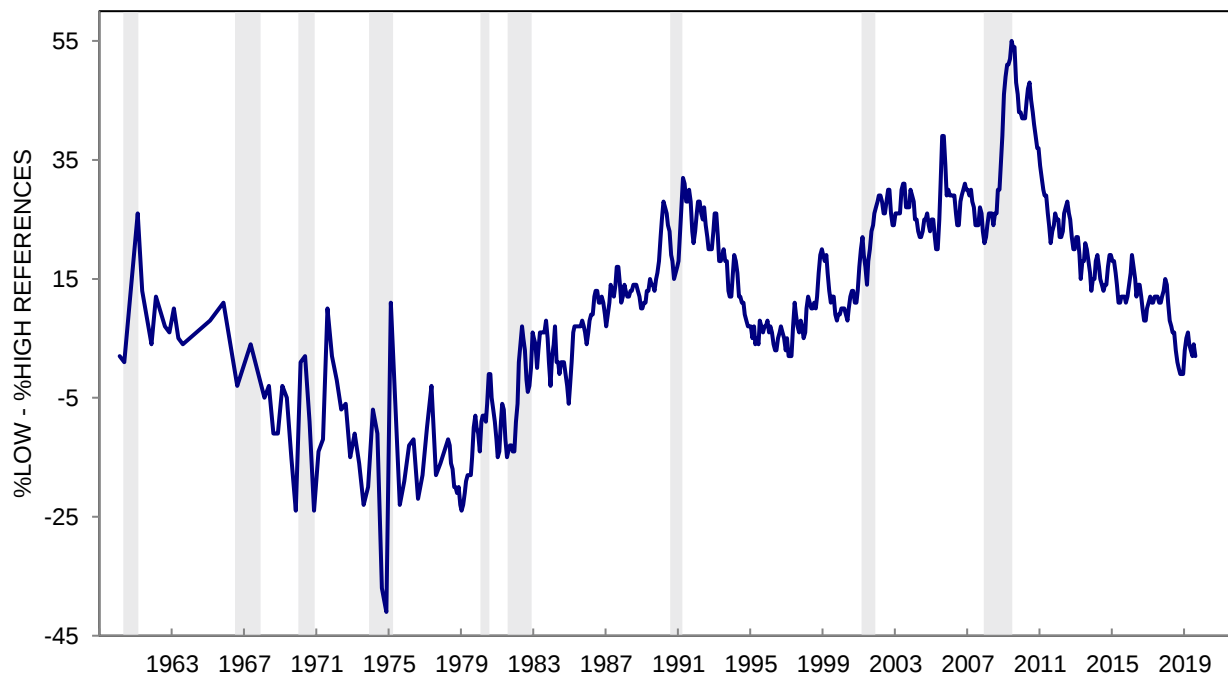


CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES

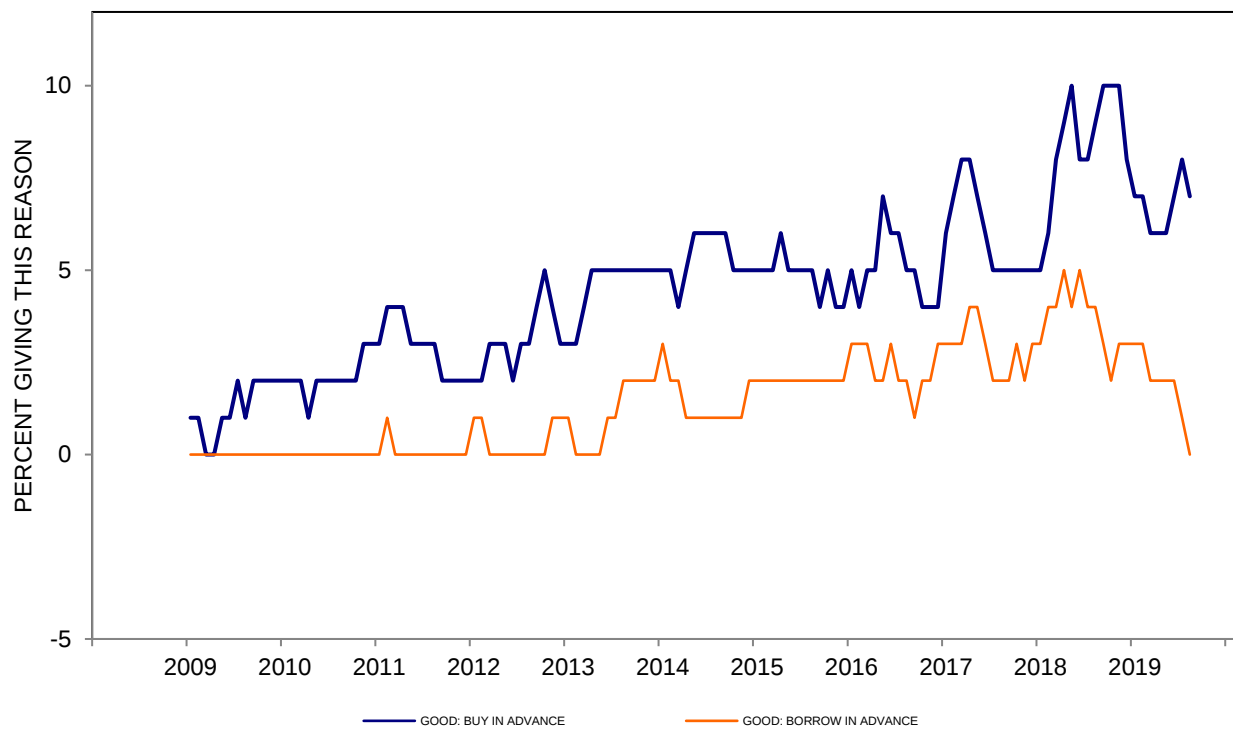


CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES

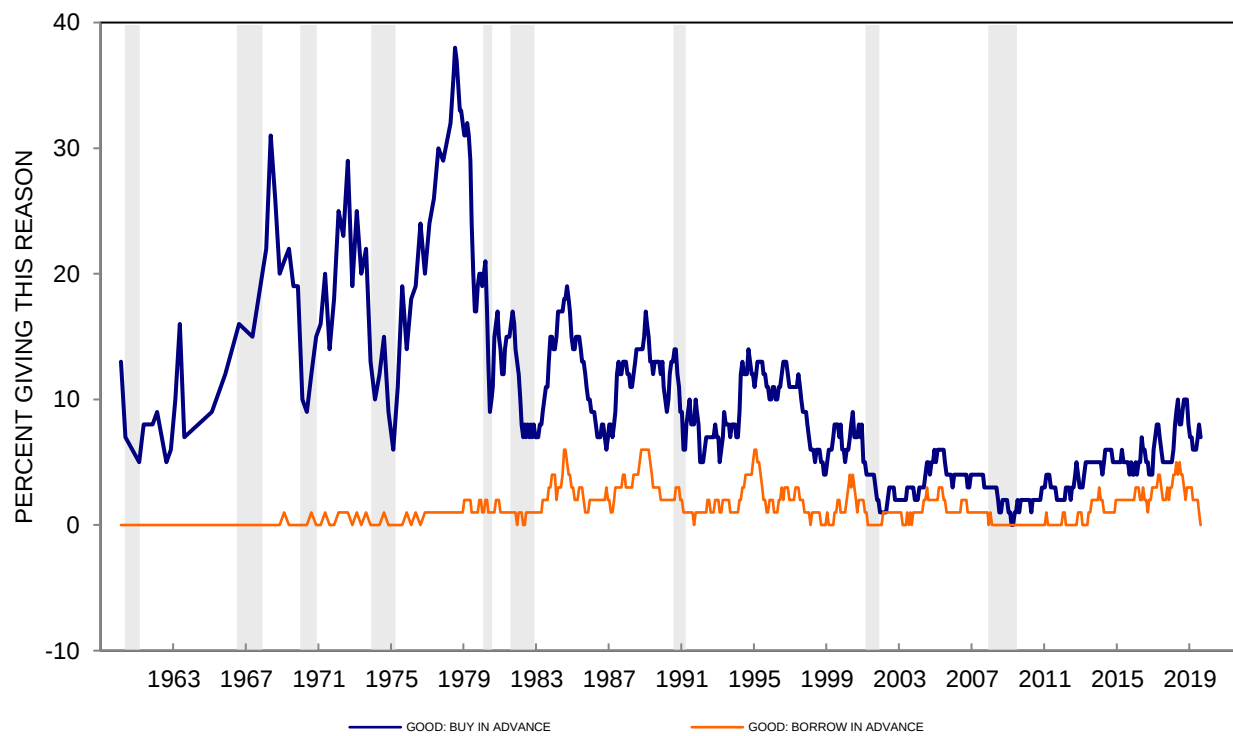


CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

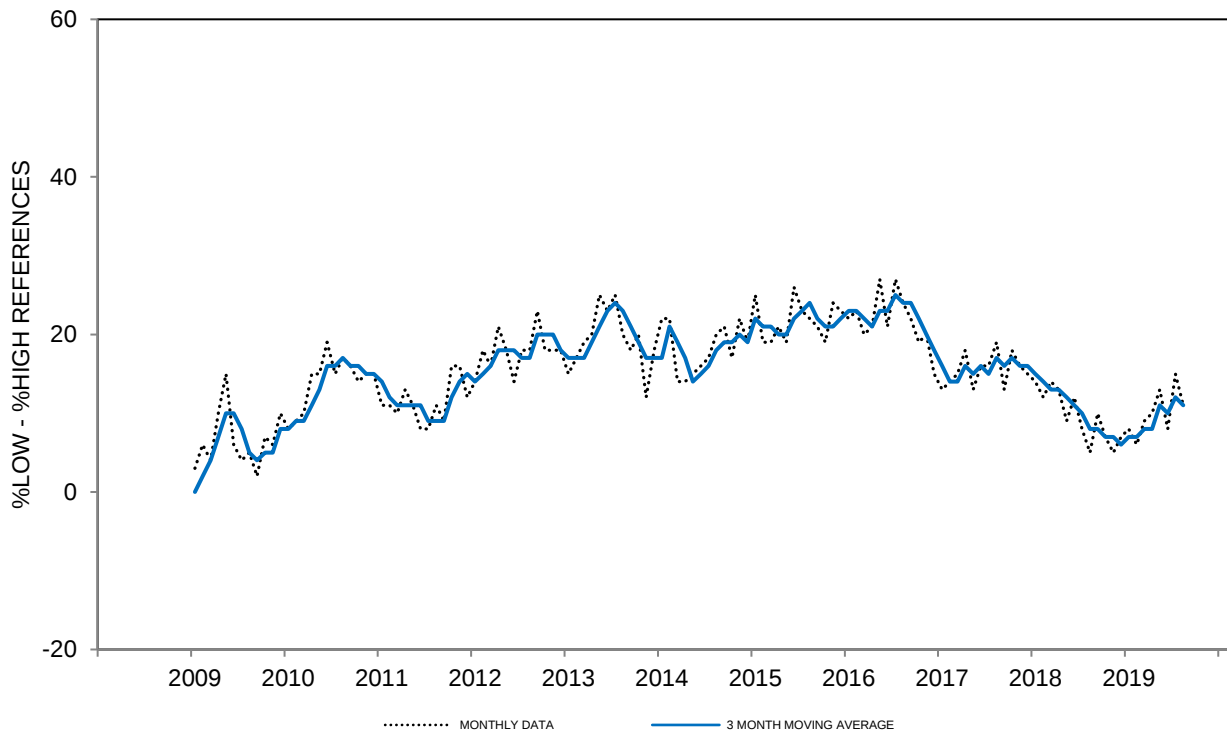


CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

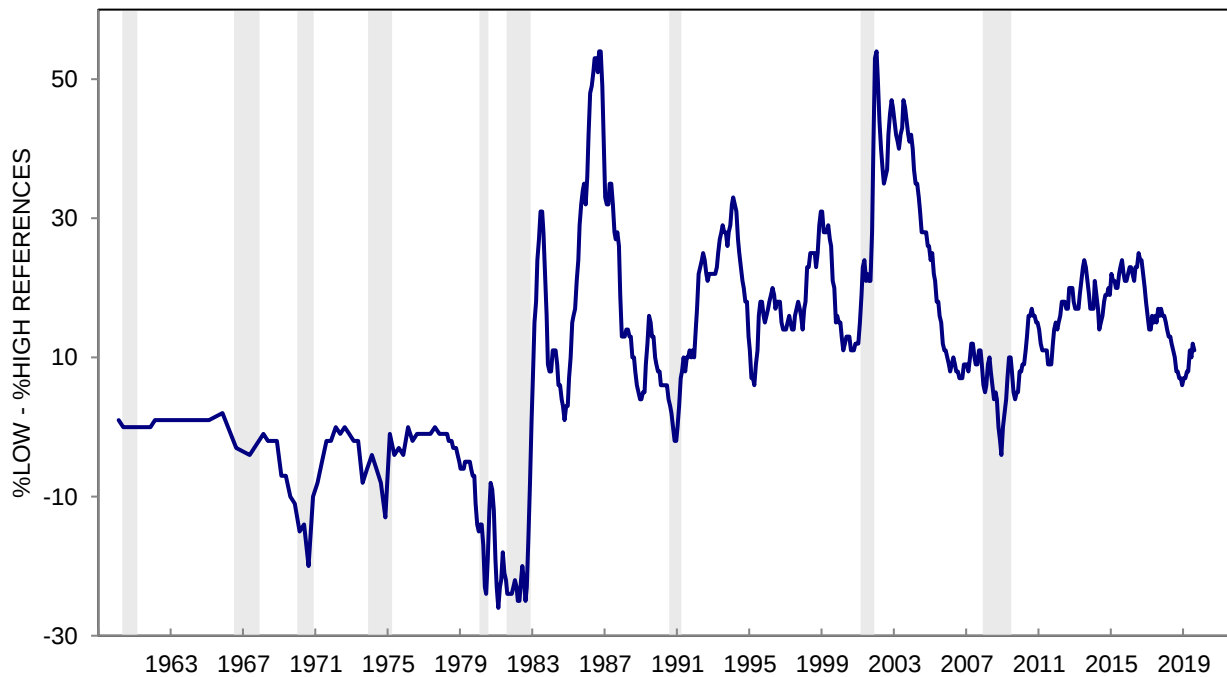


CHART 38D: ECONOMIC UNCERTAINTY REASONS FOR BUYING CONDITIONS FOR VEHICLES
 (%TIMES ARE GOOD - %TIMES ARE BAD)

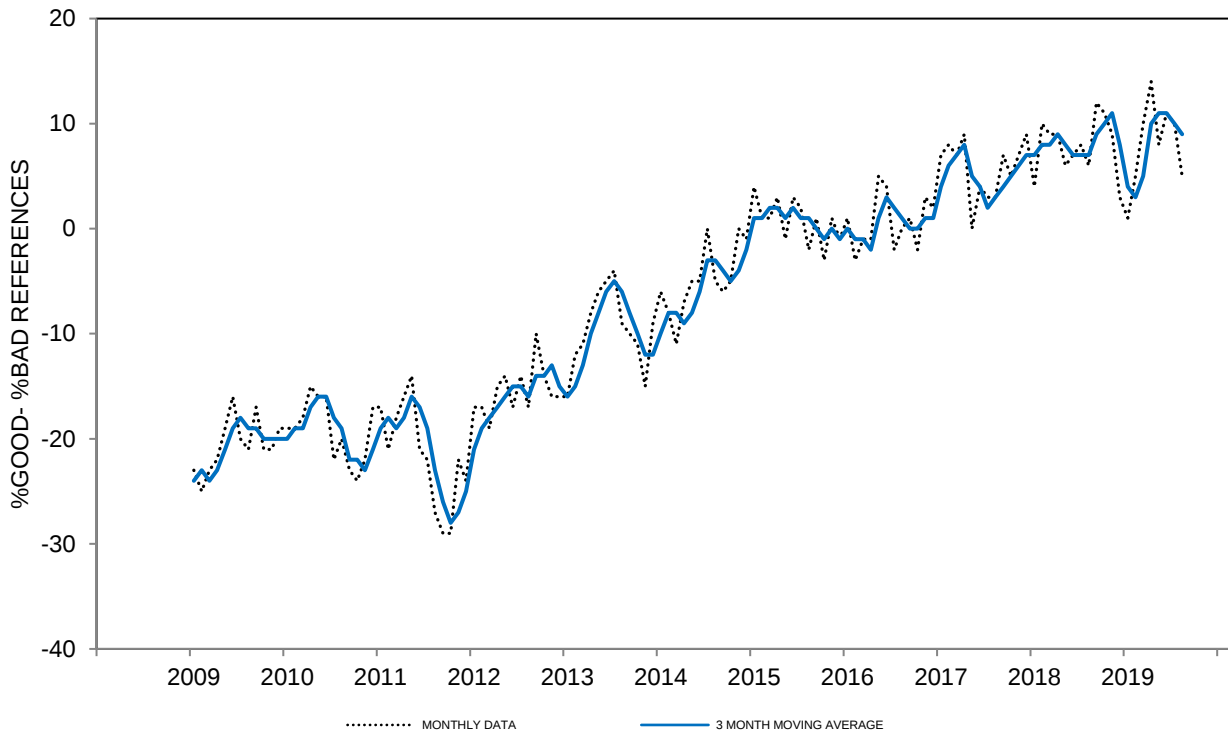
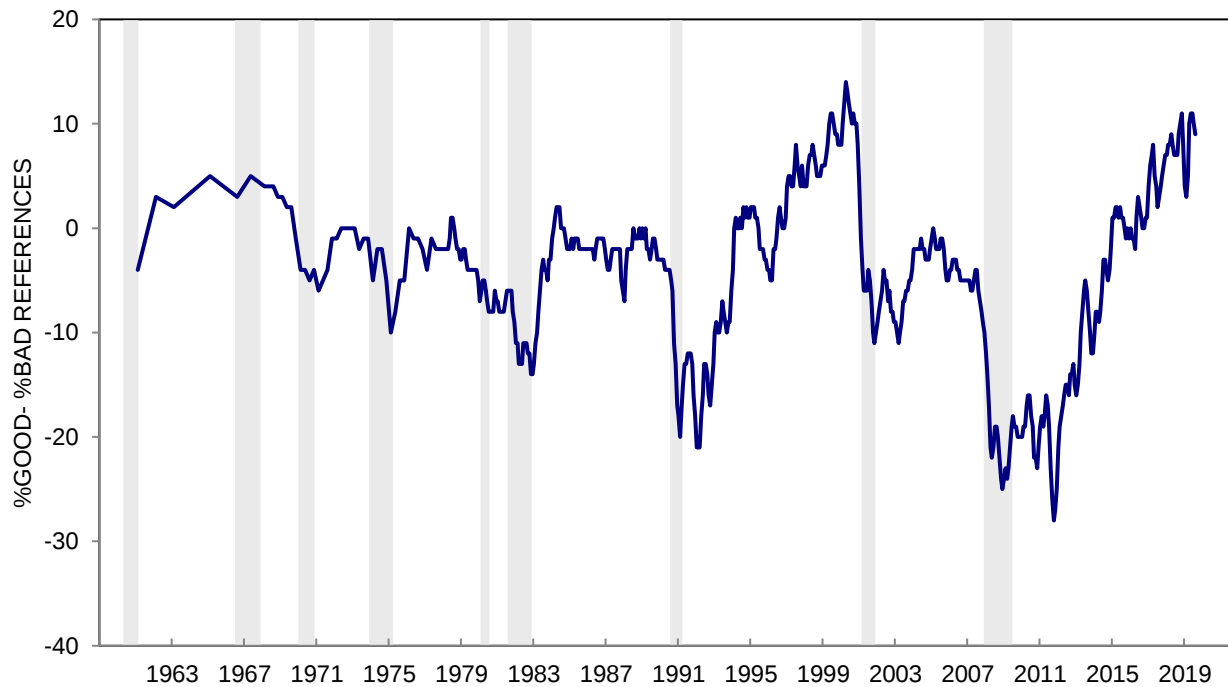


CHART 38D: ECONOMIC UNCERTAINTY REASONS FOR BUYING CONDITIONS FOR VEHICLES
 (%TIMES ARE GOOD - %TIMES ARE BAD)



This Page
Intentionally
Left Blank

TABLE 39

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
INCREASE	51%	45%	49%	53%	46%	51%	48%	45%	53%	52%	44%	47%	41%
REMAIN THE SAME	42	50	45	42	46	43	46	49	42	41	49	43	53
DECREASE	6	4	4	4	8	6	5	6	5	6	7	9	5
DK, NA	1	1	2	1	*	*	1	*	*	1	*	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
MEDIAN INCREASE (¢)	2.9	0.4	0.9	4.7	0.4	3.0	0.5	0.4	4.7	3.3	0.4	0.4	0.3
MEAN INCREASE (¢)	10.1	9.1	9.6	11.2	11.7	14.3	13.7	12.1	11.2	11.3	9.3	9.5	9.2

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

All	4.4	1.3	1.4	2.0	2.0	2.7	1.3	1.3	1.9	2.8	2.8	1.4	0.4
Age 18 to 44	4.3	3.2	4.0	4.6	3.5	2.6	1.1	1.1	2.1	2.1	2.2	1.2	0.5
Age 45 to 64	5.1	1.8	0.5	1.2	1.2	2.7	2.0	2.0	2.0	3.5	3.5	1.9	0.4
Age 65+	2.1	0.4	0.4	0.8	0.8	2.4	2.0	1.9	1.3	1.3	1.3	0.4	0.3
Income Bottom Third	3.6	2.0	2.1	2.7	2.7	2.6	1.1	1.7	4.3	5.1	4.6	2.0	0.4
Income Middle Third	3.8	0.5	1.8	3.2	3.2	4.5	3.1	3.1	2.4	3.4	3.4	2.8	1.7
Income Top Third	3.7	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.4	0.4	0.4

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

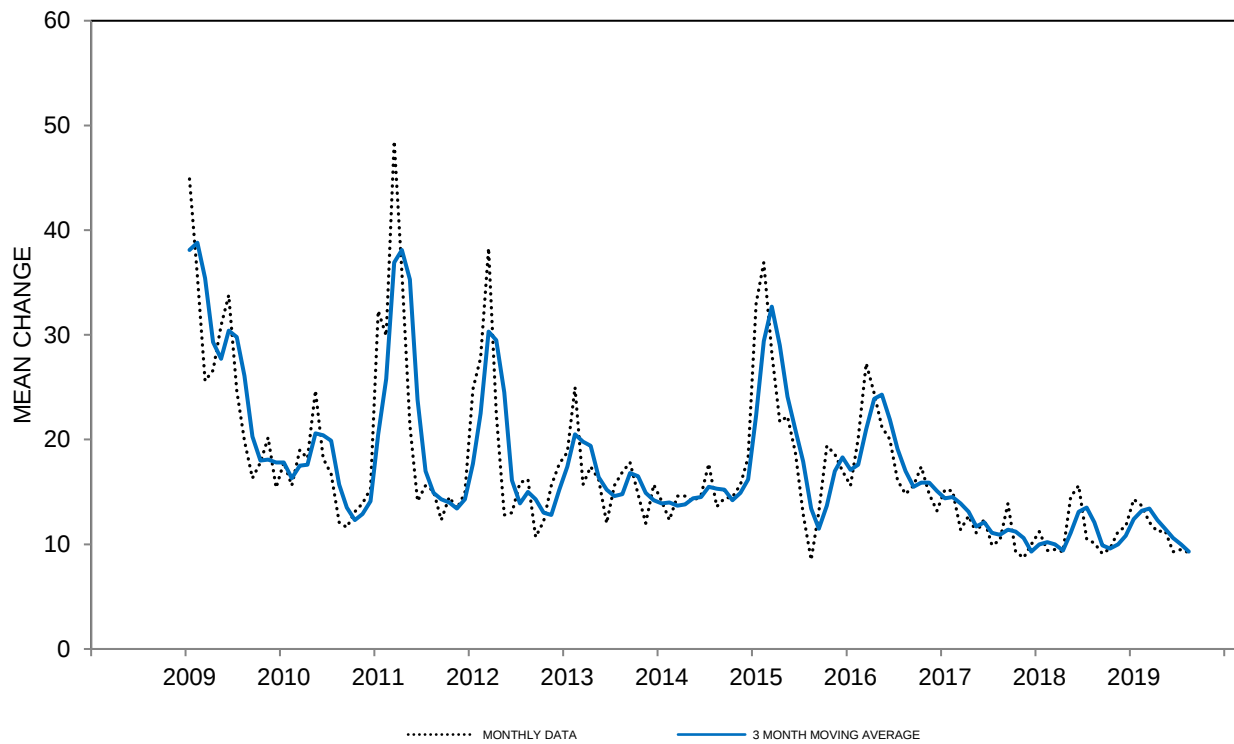


CHART 39: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

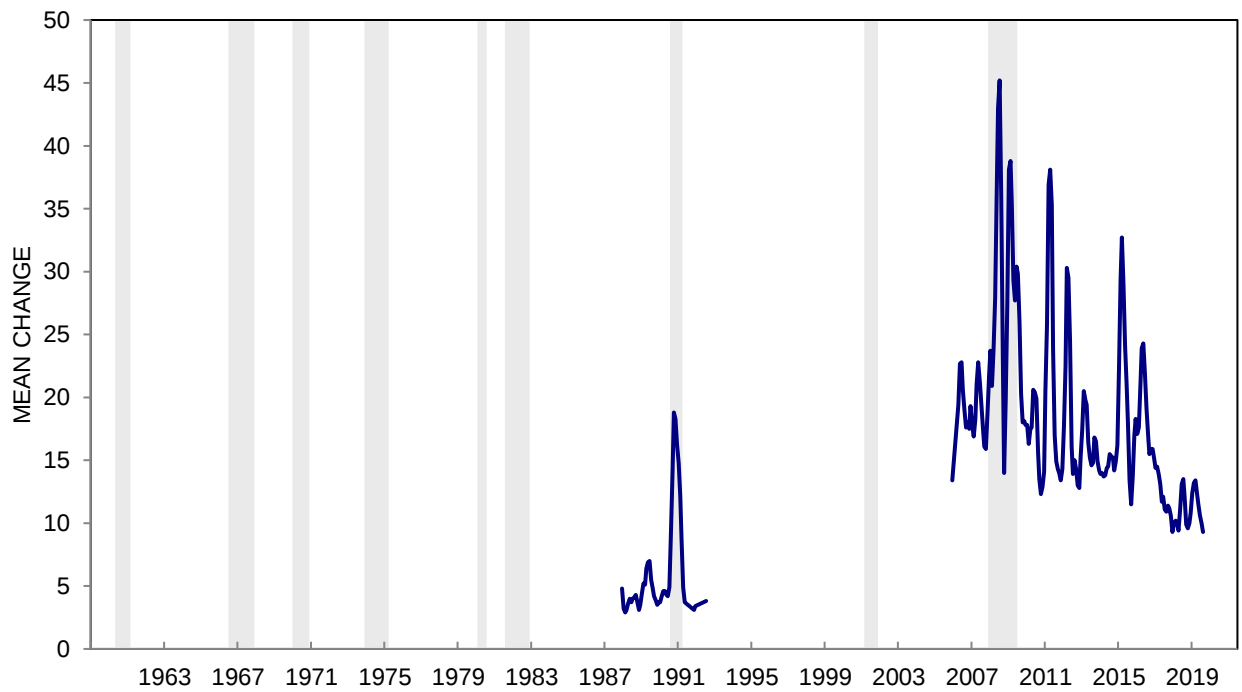


TABLE 40

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
INCREASE	64%	62%	66%	64%	60%	64%	62%	60%	63%	66%	62%	64%	60%
REMAIN THE SAME	27	34	26	29	33	29	30	33	31	26	31	28	33
DECREASE	7	3	7	5	5	5	6	6	4	7	6	6	5
DK, NA	2	1	1	2	2	2	2	1	2	1	1	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
MEDIAN INCREASE (¢)	24.6	20.0	20.4	20.3	18.4	25.2	24.9	17.7	24.9	20.4	20.4	20.4	19.7
MEAN INCREASE (¢)	40.6	38.0	38.7	36.0	37.6	46.3	44.9	37.7	39.3	38.9	39.7	39.8	32.9

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

All	26.5	23.1	21.7	20.2	19.7	21.3	22.8	22.6	22.5	21.0	21.9	20.4	20.2
Age 18 to 44	28.5	26.1	27.7	26.0	24.8	24.7	29.6	29.7	28.2	23.4	27.8	26.2	24.7
Age 45 to 64	26.4	21.3	21.3	23.1	23.1	24.7	21.5	20.1	23.7	25.3	26.9	23.4	21.6
Age 65+	21.4	18.0	16.4	14.9	14.1	16.0	19.4	17.4	13.9	12.7	12.0	13.7	11.5
Income Bottom Third	24.9	21.8	23.5	23.7	20.2	16.7	16.7	22.7	26.2	24.6	23.5	20.1	20.1
Income Middle Third	32.3	24.1	20.6	21.5	19.8	21.7	23.3	21.7	21.5	23.2	26.3	26.5	20.5
Income Top Third	25.1	18.4	18.6	17.1	22.0	26.9	28.4	25.1	21.7	20.0	21.8	20.3	20.1

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

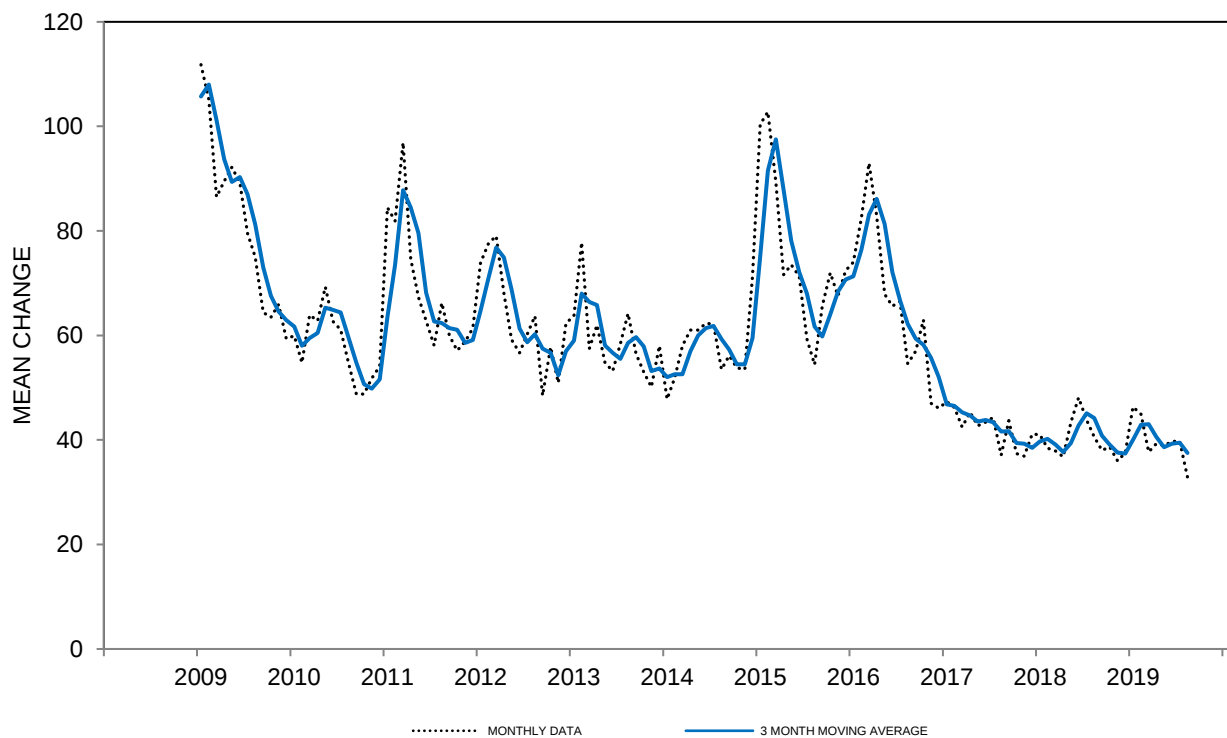


CHART 40: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

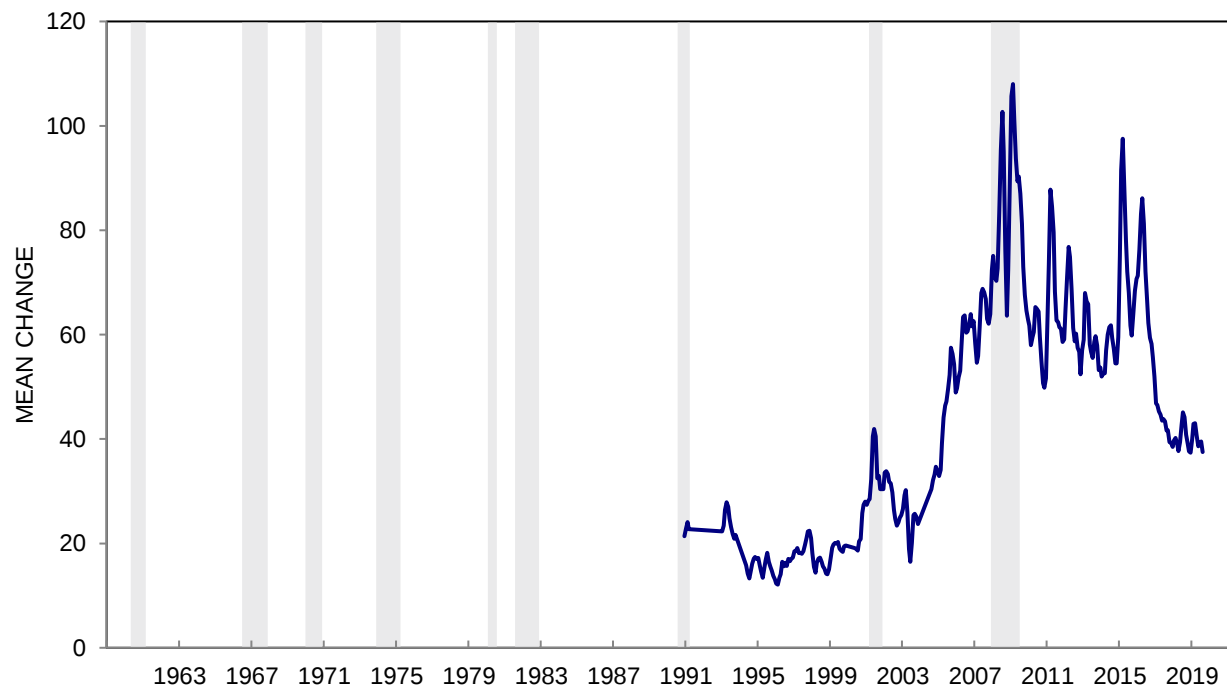


TABLE 41

BUYING CONDITIONS FOR HOUSES

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO BUY	64%	69%	66%	64%	64%	63%	66%	68%	65%	64%	70%	67%	65%
UNCERTAIN, DEPENDS	3	3	3	4	2	3	2	2	3	2	2	3	2
BAD TIME TO BUY	33	28	31	32	34	34	32	30	32	34	28	30	33
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	131	141	135	132	130	129	134	138	133	130	142	137	132

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

All	135	136	136	136	132	130	131	134	135	134	135	136	137
Age 18 to 44	124	128	122	120	113	113	118	123	121	119	120	121	122
Age 45 to 64	139	137	141	142	141	136	133	135	141	141	142	144	145
Age 65+	146	147	150	155	153	150	149	147	148	147	150	149	149
Income Bottom Third	127	129	133	136	131	124	127	128	131	127	129	128	127
Income Middle Third	129	135	138	141	135	133	131	134	134	134	135	140	146
Income Top Third	147	142	136	133	131	132	134	138	138	138	137	139	138

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

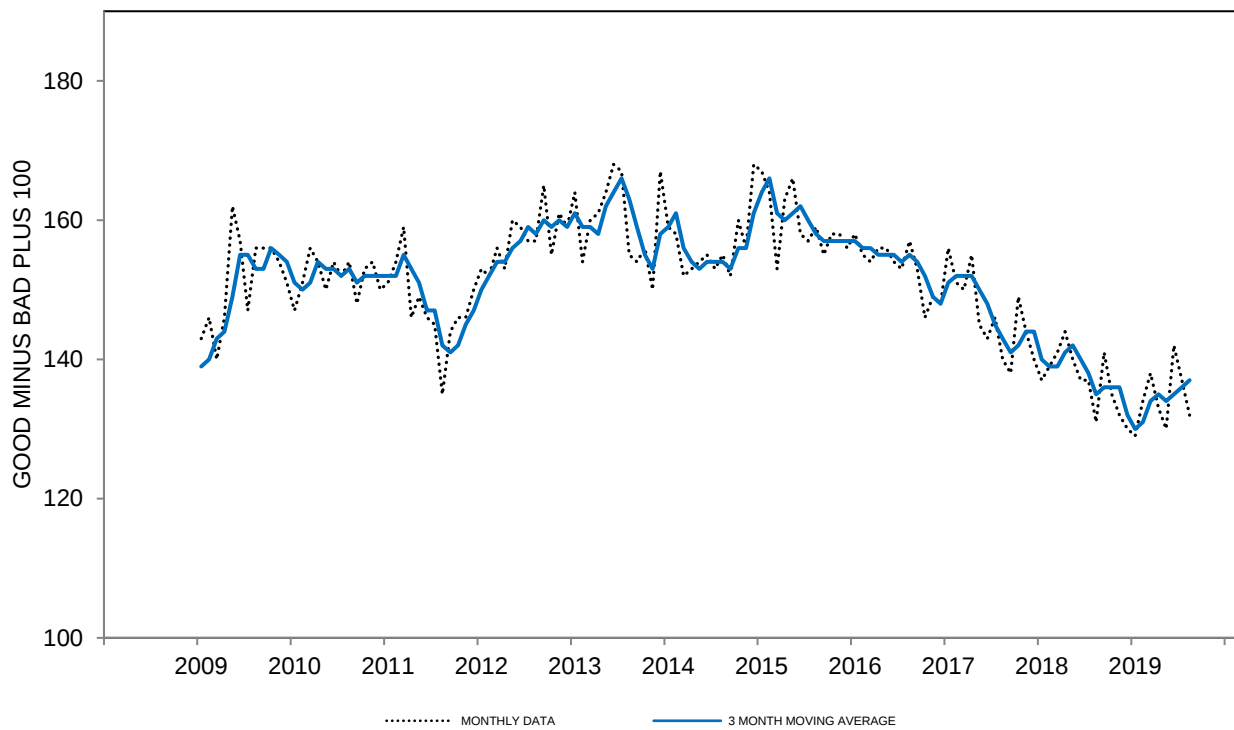


CHART 41: BUYING CONDITIONS FOR HOUSES

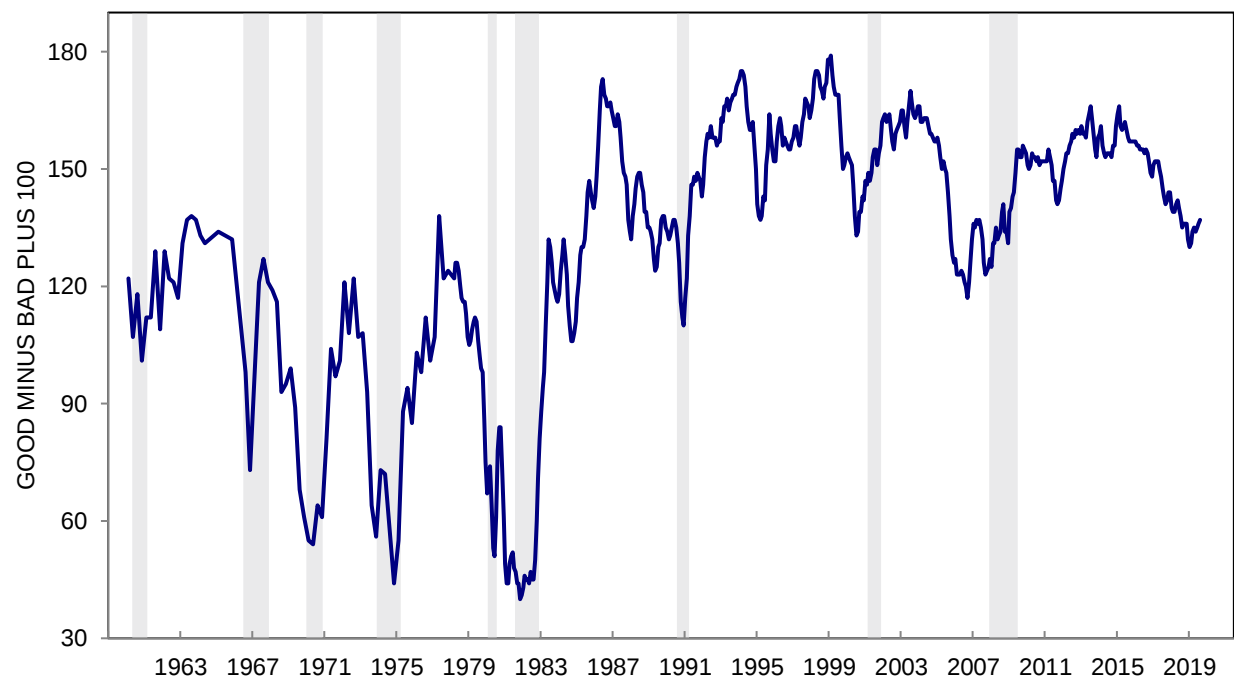


TABLE 42

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR HOUSES

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO BUY													
Prices are low; good buys available	13%	12%	13%	17%	16%	16%	18%	16%	15%	15%	15%	16%	14%
Prices won't come down; are going higher	11	13	11	10	10	8	9	10	8	12	9	8	7
Interest rates are low	24	27	22	24	24	25	29	33	28	28	33	37	38
Borrow-in-advance of rising interest rates	10	12	15	16	10	12	9	9	5	5	3	4	3
Times are good; prosperity	18	20	20	16	16	14	14	17	19	15	21	19	15
Capital appreciation; good investment	11	13	9	9	12	14	11	10	12	11	15	11	12
BAD TIME TO BUY													
Prices are high	26	21	23	23	25	21	24	21	27	25	22	23	26
Interest rates are high; credit is tight	11	9	12	13	11	12	11	10	9	10	8	8	7
Times are bad; can't afford to buy	6	6	7	6	6	9	6	6	8	8	7	8	5
Bad times ahead; uncertain future	3	4	3	3	4	5	5	4	4	3	4	4	6
Capital depreciation; bad investment	1	1	2	*	*	1	1	1	2	1	1	1	1

SELECTED REASONS FOR OPINIONS ABOUT HOME BUYING CONDITIONS

PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)

All	-11	-10	-11	-8	-8	-7	-7	-5	-8	-9	-10	-8	-9
Age 18 to 44	-13	-10	-15	-13	-14	-9	-10	-11	-15	-16	-16	-14	-16
Age 45 to 64	-12	-13	-10	-7	-5	-6	-7	-1	-1	-3	-6	-4	-4
Age 65+	-7	-6	-4	-2	-3	-4	-2	-3	-5	-7	-5	-3	-3
Income Bottom Third	-9	-8	-6	-4	-3	-1	-1	-2	-5	-6	-6	-6	-9
Income Middle Third	-17	-13	-11	-6	-9	-6	-9	-5	-10	-12	-14	-9	-5
Income Top Third	-8	-10	-16	-16	-14	-13	-11	-9	-8	-10	-13	-13	-13

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

All	15	14	14	13	11	12	15	18	20	20	21	24	28
Age 18 to 44	5	5	4	4	0	-1	4	8	10	9	10	12	17
Age 45 to 64	23	23	23	21	19	19	18	23	26	28	26	31	34
Age 65+	18	19	16	18	19	23	24	26	28	29	31	33	38
Income Bottom Third	10	8	9	11	7	8	8	14	15	14	10	11	11
Income Middle Third	12	14	13	12	10	11	14	18	19	21	24	29	35
Income Top Third	24	23	20	17	16	16	20	22	26	26	29	33	41

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)

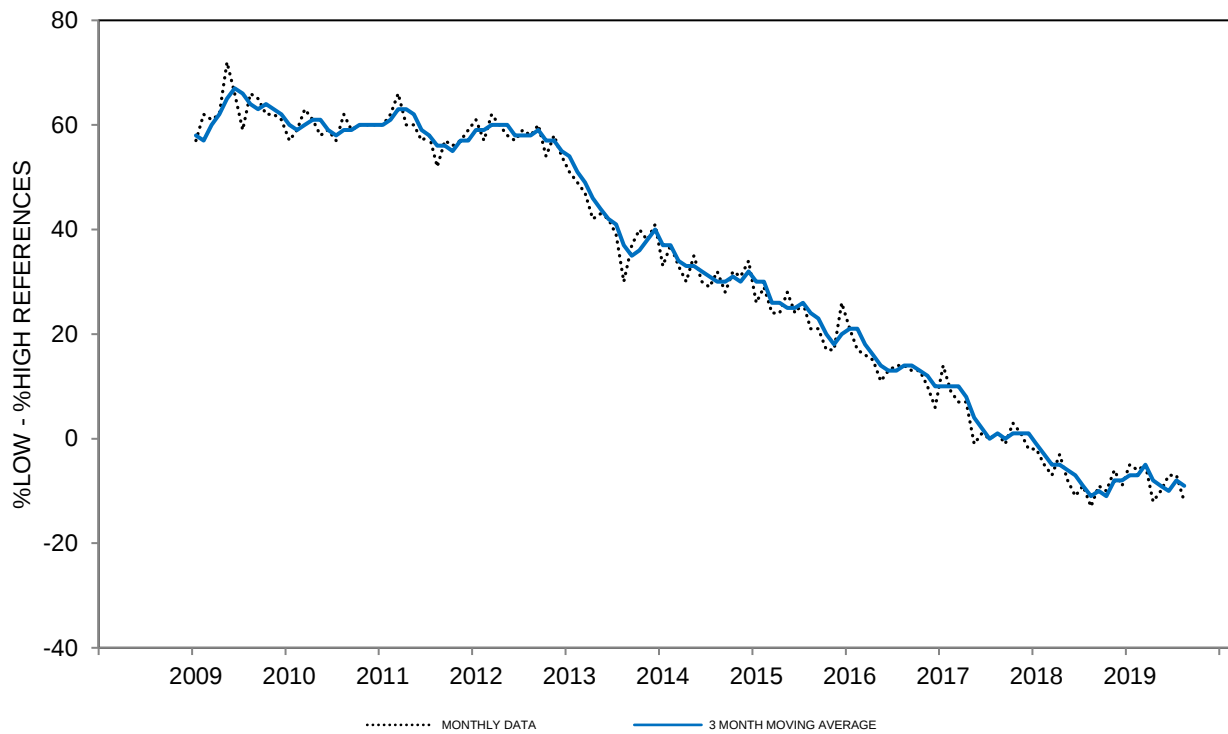


CHART 42A: PRICE REASONS FOR BUYING CONDITIONS FOR HOUSES
(%LOW PRICES - %HIGH PRICES)

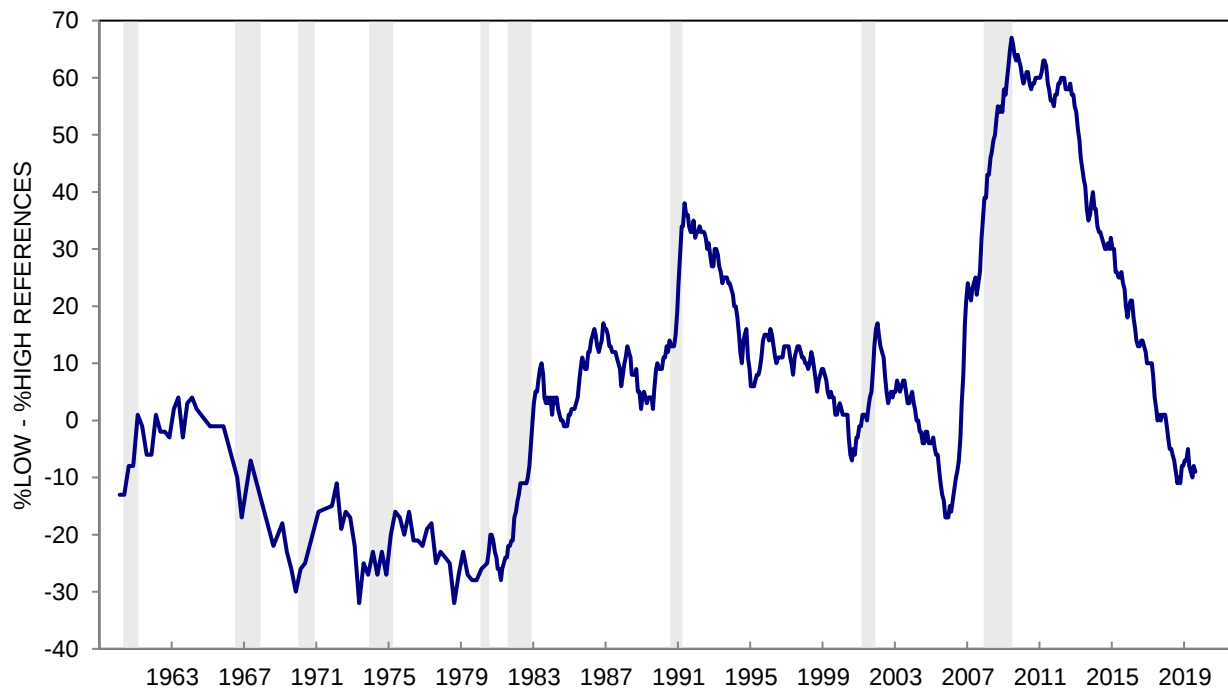


CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES

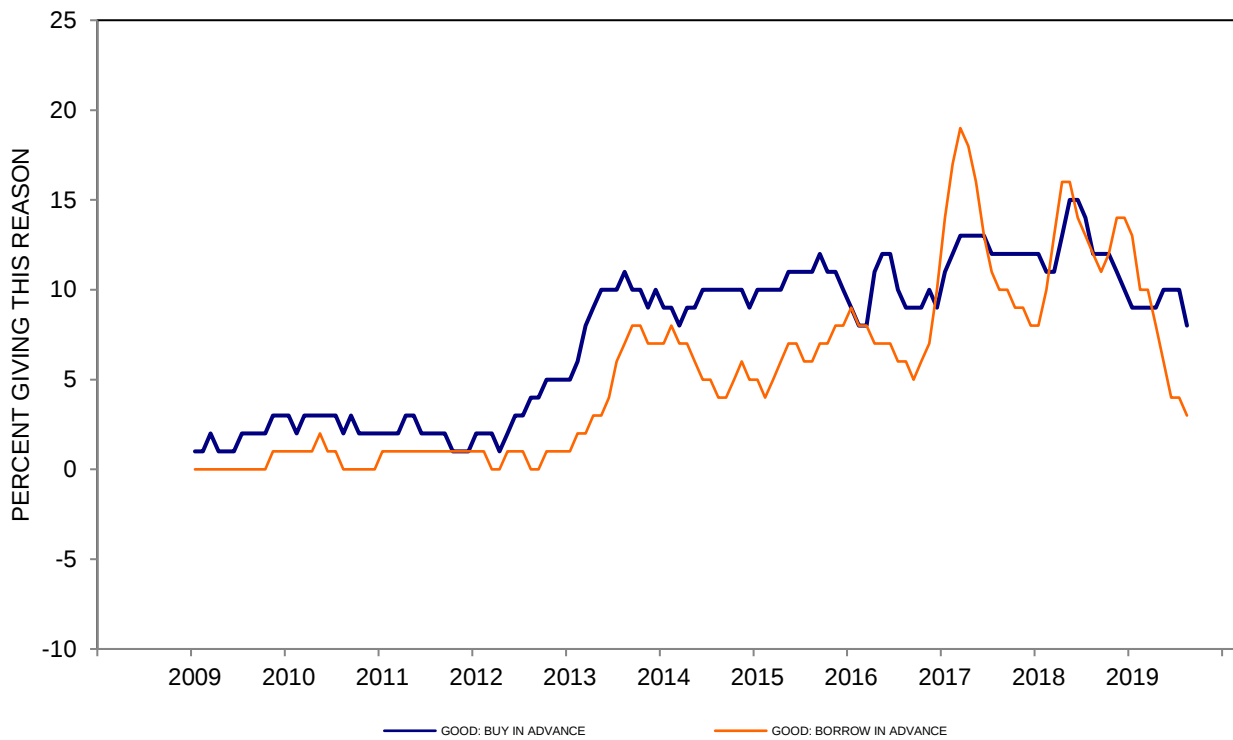


CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES

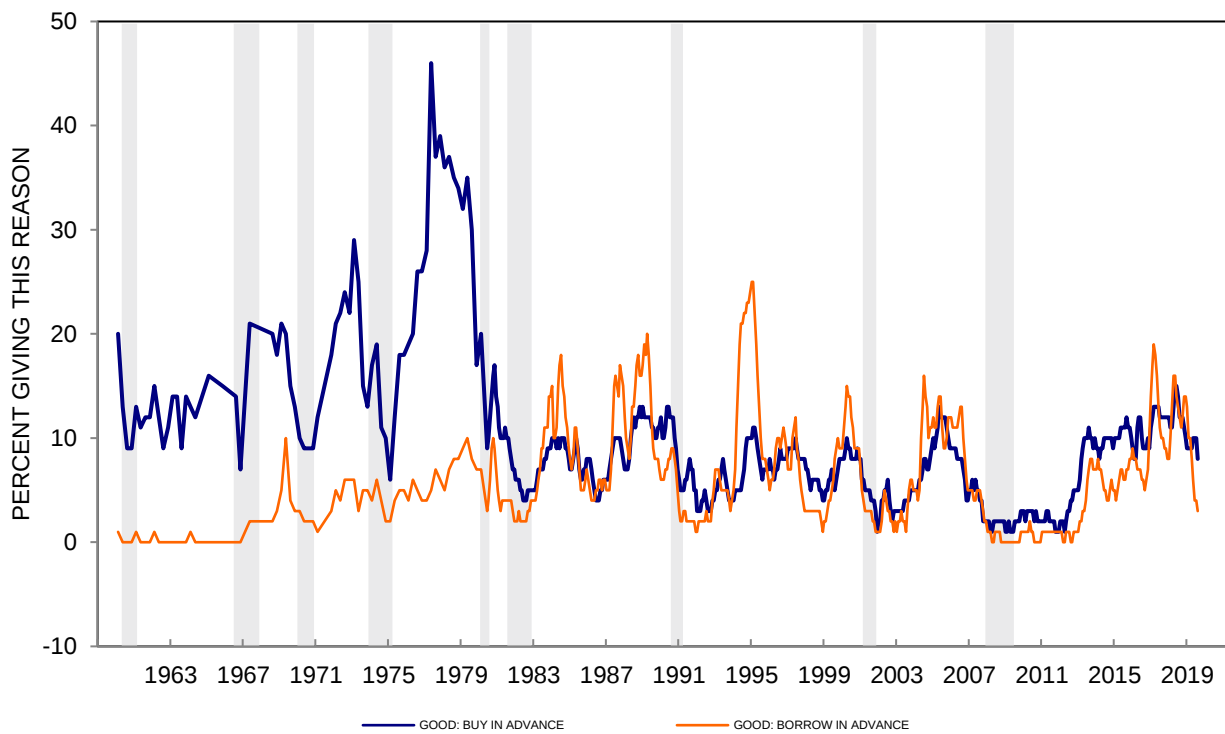


CHART 42C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR HOUSES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)

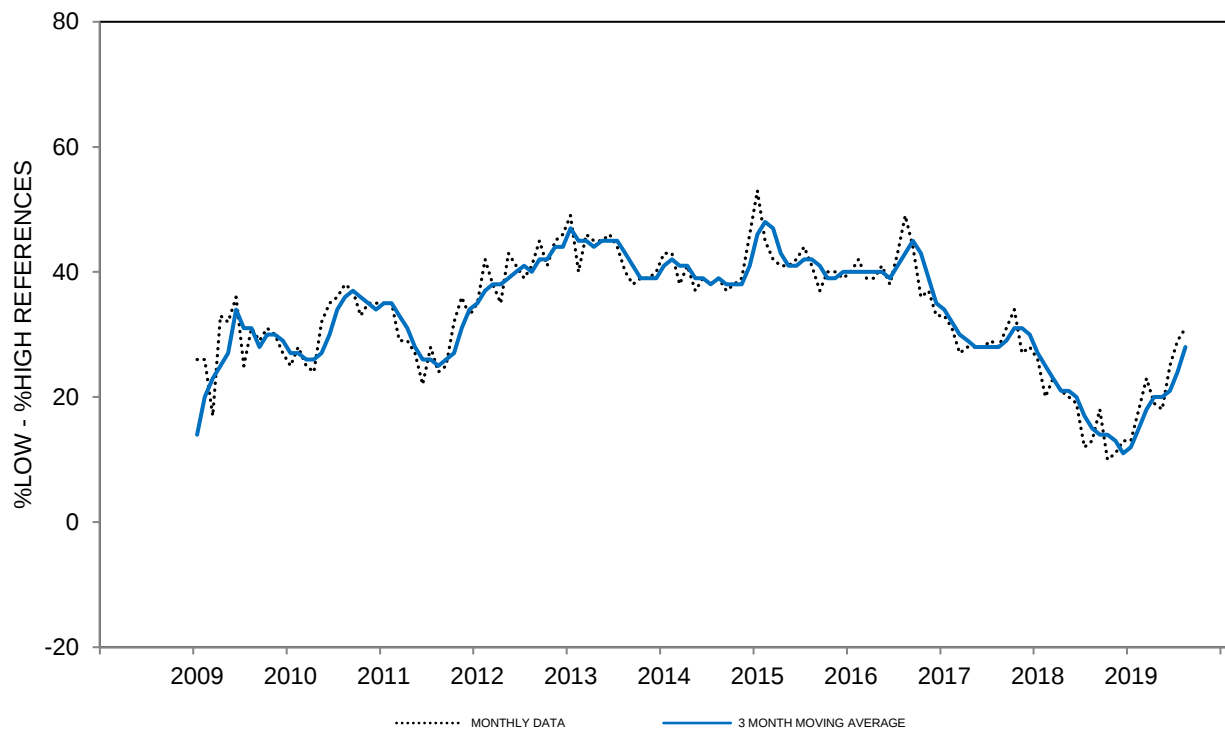
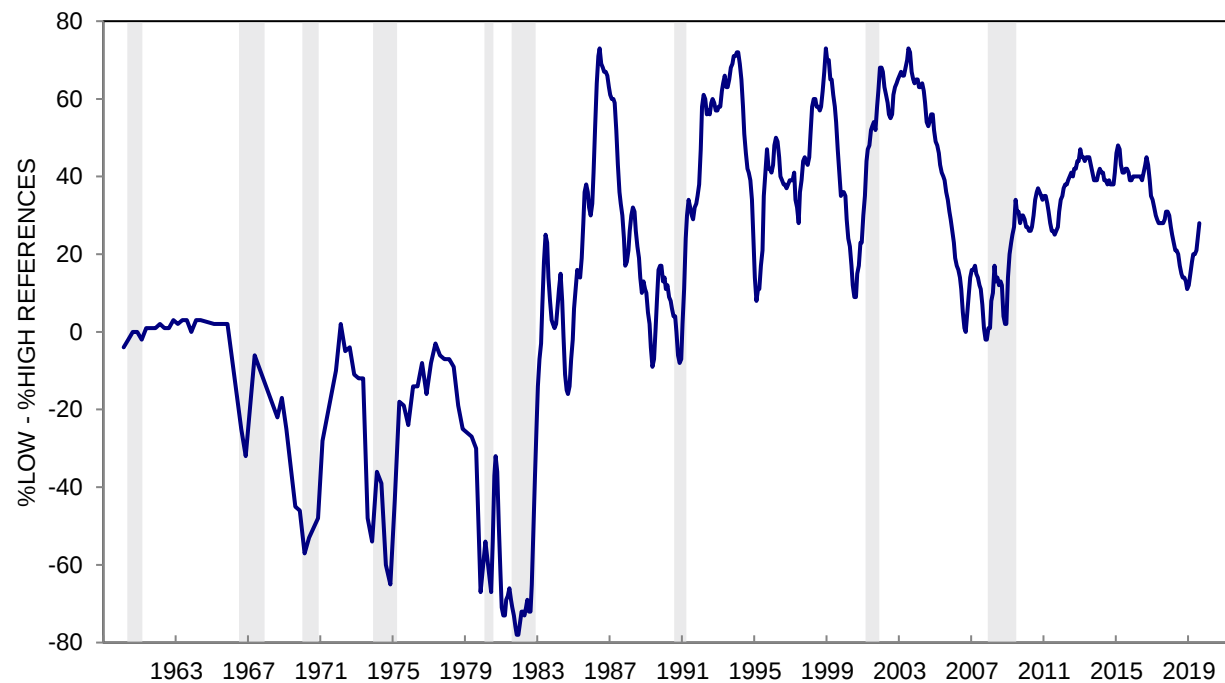
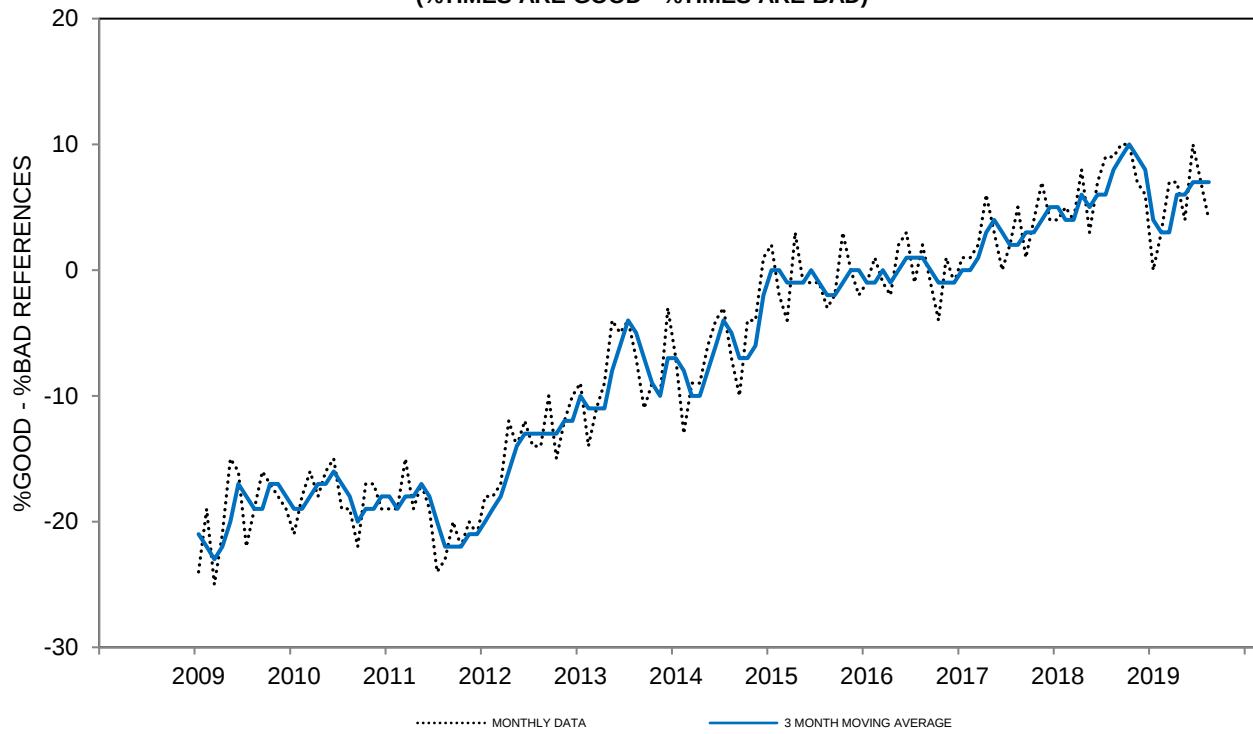


CHART 42C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR HOUSES
 (%LOW INTEREST RATES - %HIGH INTEREST RATES)



**CHART 42D: ECONOMIC UNCERTAINTY REASONS FOR BUYING CONDITIONS
FOR HOUSES**
(%TIMES ARE GOOD - %TIMES ARE BAD)



**CHART 42D: ECONOMIC UNCERTAINTY REASONS FOR BUYING CONDITIONS
FOR HOUSES**
(%TIMES ARE GOOD - %TIMES ARE BAD)

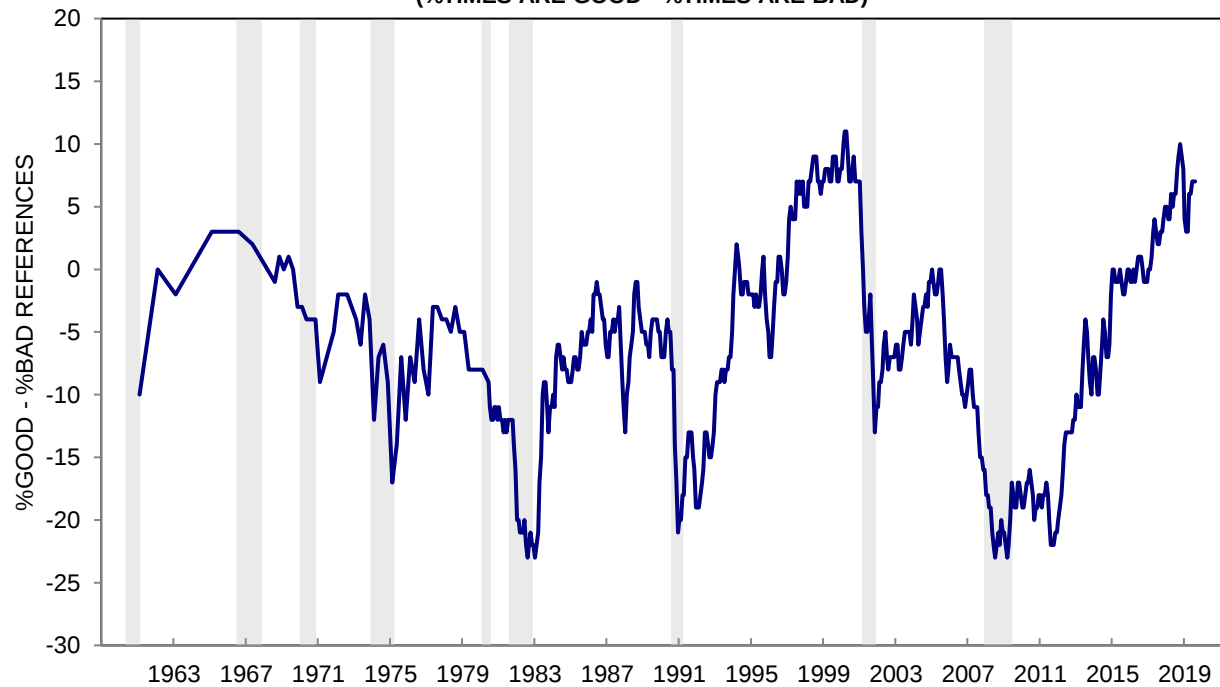


CHART 42E: CAPITAL GAIN REASONS FOR BUYING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

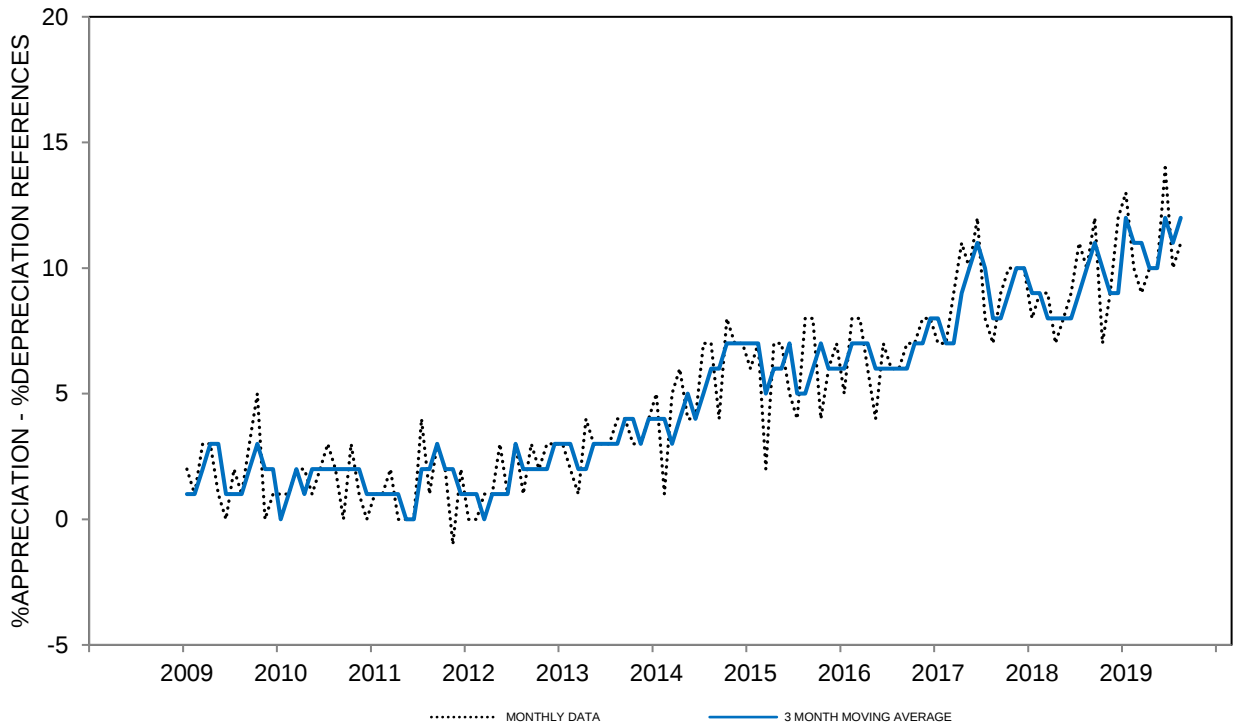


CHART 42E: CAPITAL GAIN REASONS FOR BUYING CONDITIONS FOR HOUSES
(%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

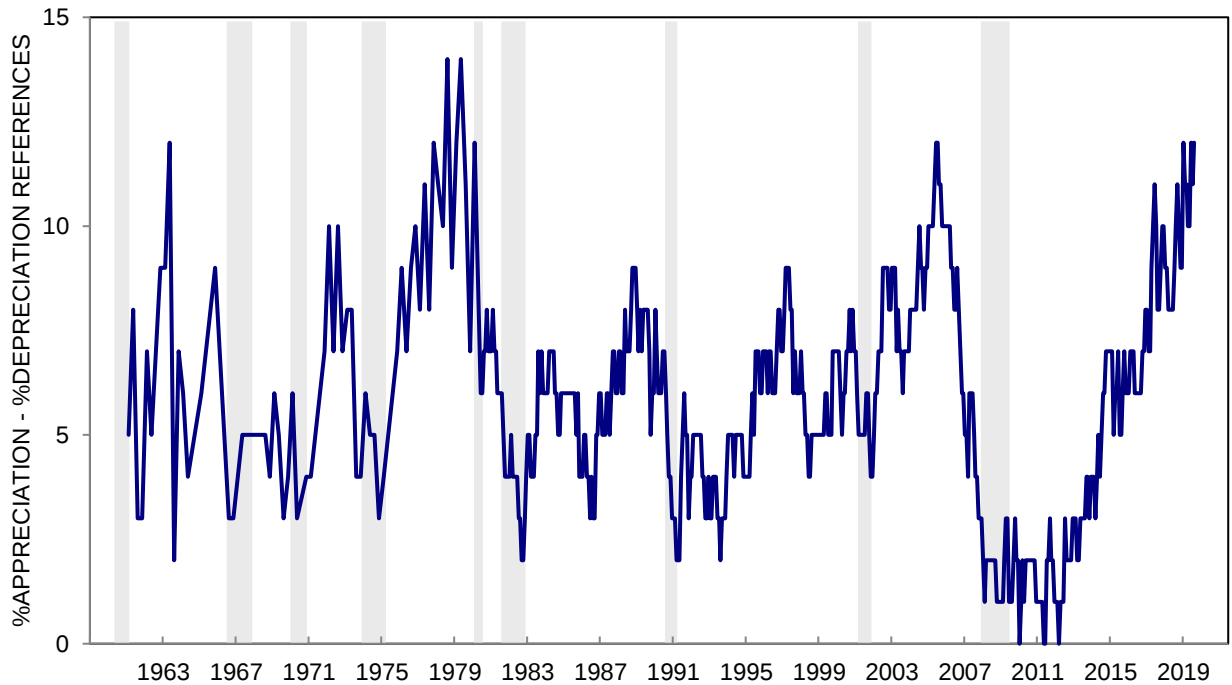


TABLE 43

SELLING CONDITIONS FOR HOUSES

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO SELL	73%	72%	72%	72%	69%	64%	69%	71%	75%	76%	76%	73%	78%
UNCERTAIN, DEPENDS	5	6	6	4	3	5	3	5	4	3	5	3	2
BAD TIME TO SELL	22	22	22	24	28	31	28	24	21	21	19	24	20
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	605	618	601	604	602	601	601	600	601	602	602	602	601
INDEX SCORE	151	150	150	148	141	133	141	147	154	155	157	149	158

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

All	154	152	150	149	146	141	138	140	147	152	155	154	155
Age 18 to 44	146	144	141	141	136	131	130	140	149	150	150	148	149
Age 45 to 64	158	155	154	150	153	148	147	143	149	154	158	157	159
Age 65+	161	162	158	161	152	145	136	138	143	153	161	159	158
Income Bottom Third	128	130	128	133	129	121	117	118	129	137	140	137	141
Income Middle Third	165	160	156	152	151	147	145	145	156	160	165	161	161
Income Top Third	168	167	168	162	159	153	153	157	156	160	160	162	163

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

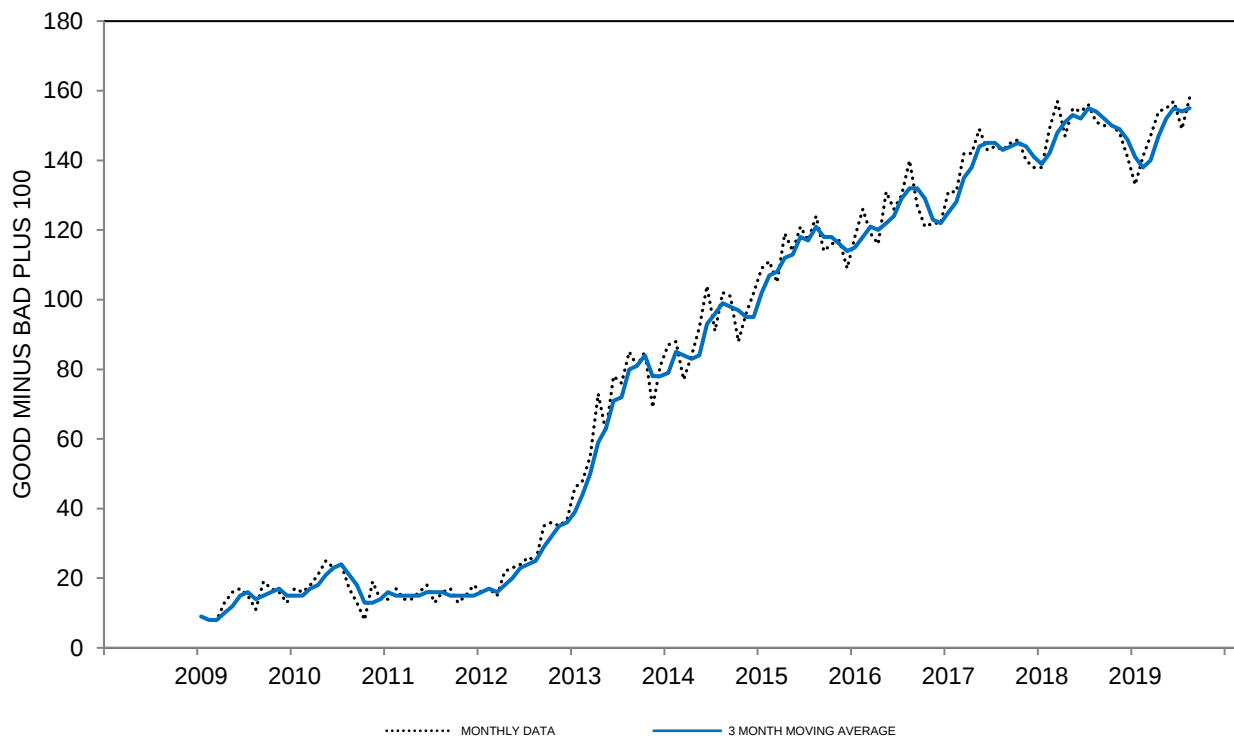


CHART 43: SELLING CONDITIONS FOR HOUSES

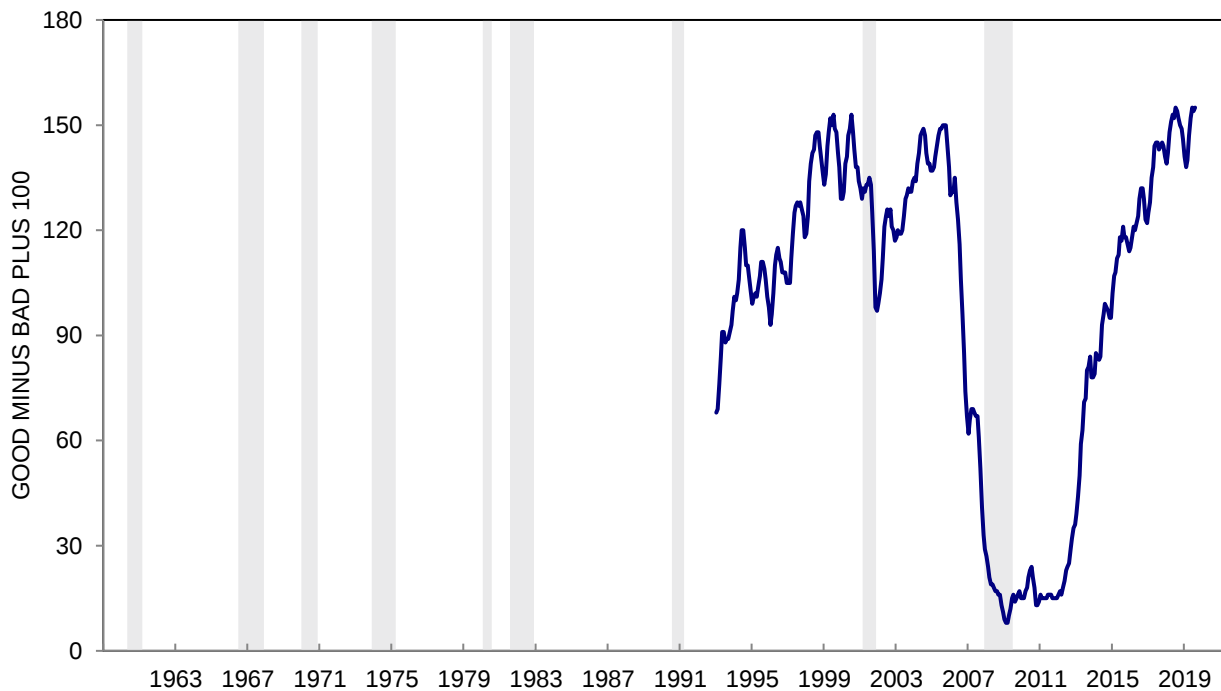


TABLE 44

SELECTED REASONS FOR OPINIONS ABOUT SELLING CONDITIONS FOR HOUSES

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
GOOD TIME TO SELL													
Prices are high; good sales available	39%	36%	33%	34%	29%	25%	32%	30%	35%	37%	33%	38%	33%
Prices won't go up; are going lower	3	3	5	6	7	6	6	4	4	5	5	5	5
Interest rates are low credit is easy	8	13	8	10	8	10	11	11	11	13	14	15	18
Sell-in-advance of rising interest rates	3	3	5	3	4	2	2	2	2	1	1	1	2
Times are good; prosperity	31	28	29	27	26	28	27	30	32	30	36	31	31
Capital appreciation; would make money	5	4	5	7	8	6	7	7	6	8	7	5	8
BAD TIME TO SELL													
Prices are low	12	12	11	11	13	14	13	11	11	13	11	12	10
Interest rates are high; credit is tight	2	2	3	5	4	4	5	4	3	2	3	2	2
Times are bad; can't afford to buy	8	6	6	7	7	10	8	6	7	7	5	7	5
Bad times ahead; uncertain future	1	*	2	1	2	3	3	2	1	1	2	2	2
Capital depreciation; would lose money	2	4	2	*	1	2	2	2	2	3	2	1	2

SELECTED REASONS FOR OPINIONS ABOUT HOME SELLING CONDITIONS

PRICES HIGH - PRICES LOW (THREE MONTH MOVING AVERAGES)

All	26	25	24	23	20	17	15	16	21	22	23	24	24
Age 18 to 44	21	22	22	21	17	14	14	18	24	22	22	23	25
Age 45 to 64	28	26	25	21	22	19	21	19	23	24	25	25	24
Age 65+	28	27	26	27	22	18	11	11	14	21	24	25	21
Income Bottom Third	7	6	3	8	7	5	0	2	7	10	10	13	13
Income Middle Third	34	32	28	24	22	20	21	20	28	28	29	27	25
Income Top Third	37	38	41	35	30	26	26	28	29	31	33	34	34

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

All	8	8	7	7	5	5	5	6	7	9	10	12	13
Age 18 to 44	4	4	5	4	1	-1	1	4	5	5	5	6	8
Age 45 to 64	11	11	8	8	7	10	10	8	8	10	13	16	18
Age 65+	8	10	10	12	8	7	7	8	11	12	15	15	18
Income Bottom Third	4	4	4	4	2	3	2	3	2	4	5	7	8
Income Middle Third	7	8	8	8	4	5	5	7	9	9	11	12	14
Income Top Third	13	12	11	10	8	8	9	10	11	12	14	16	19

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)

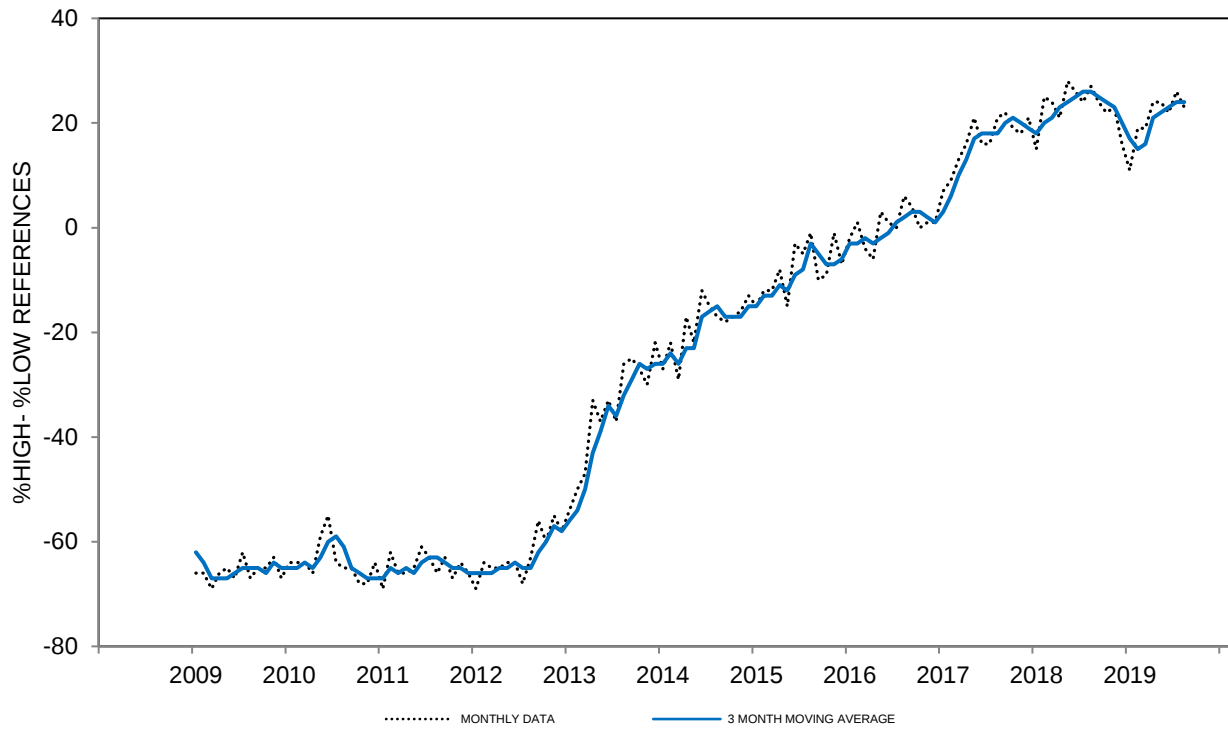


CHART 44A: PRICE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%HIGH PRICES - %LOW PRICES)

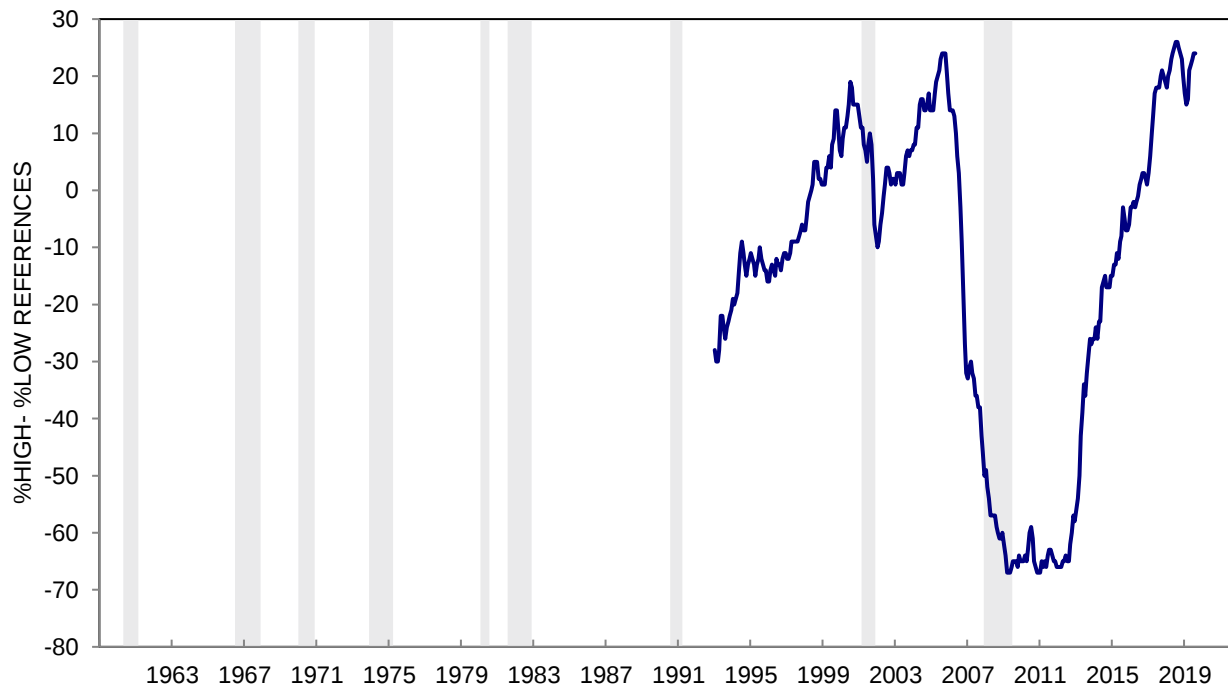


CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES

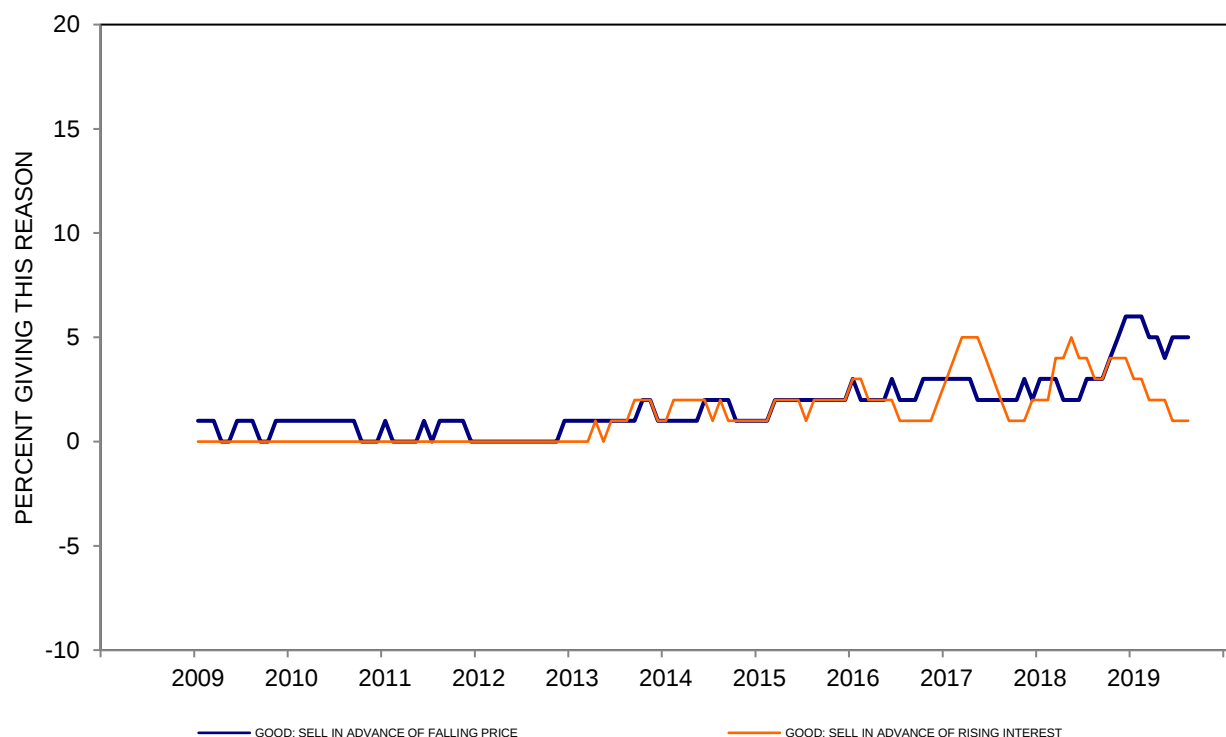


CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES

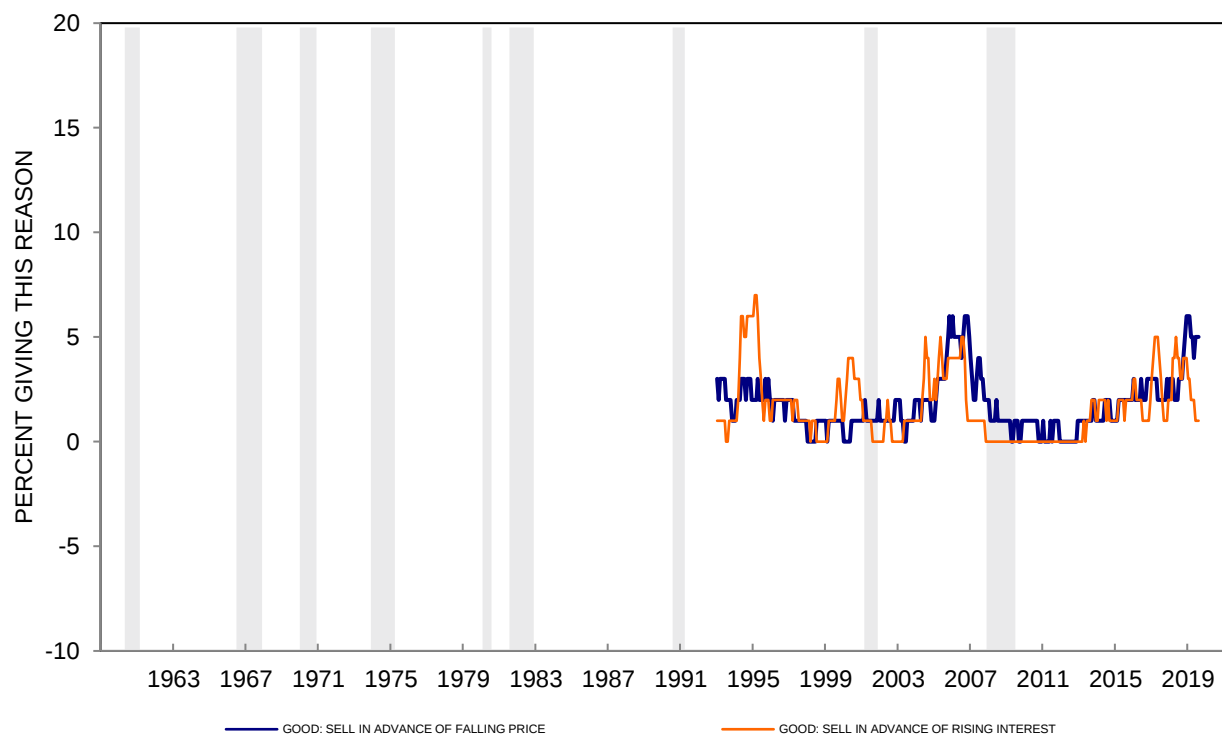


CHART 44C: INTEREST RATE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

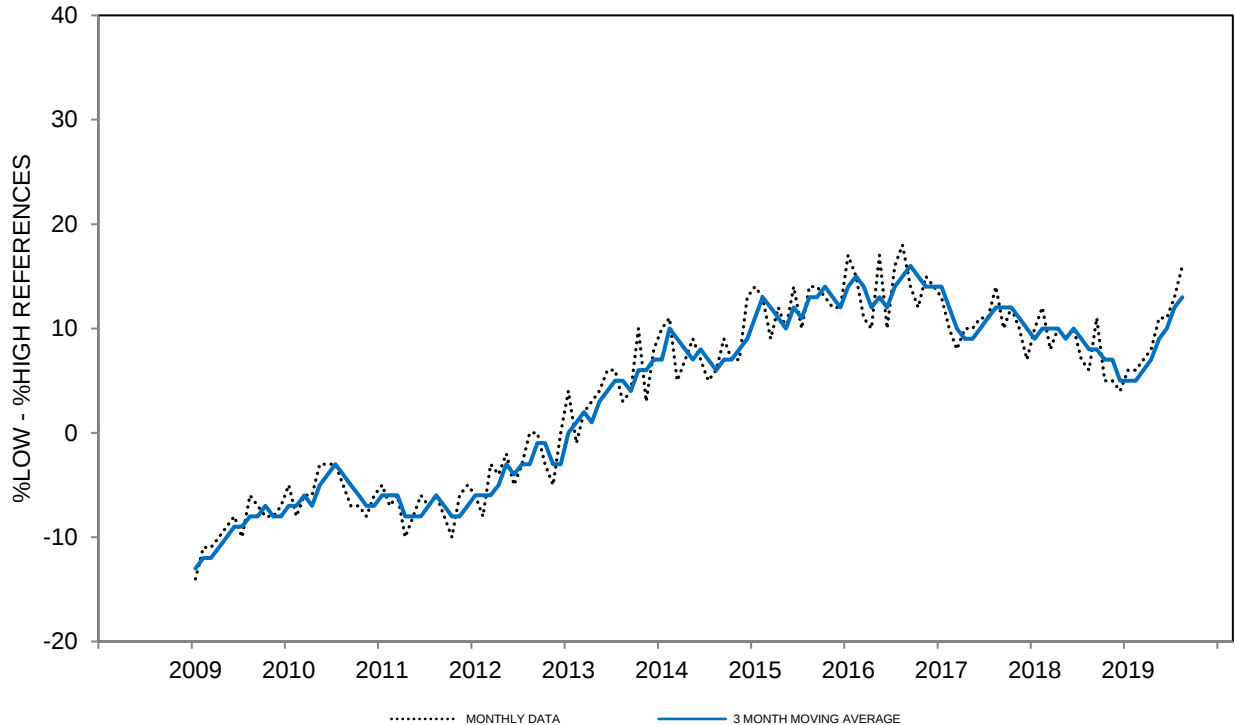


CHART 44C: INTEREST RATE REASONS FOR SELLING CONDITIONS FOR HOUSES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)

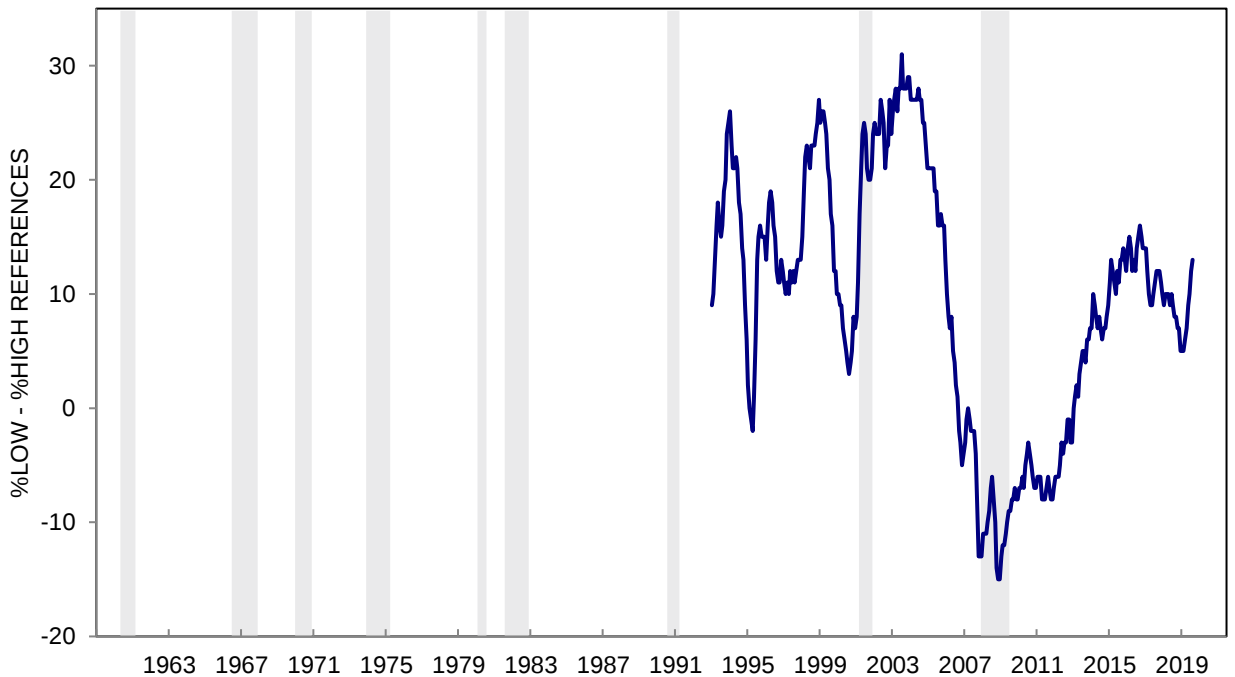


CHART 44D: ECONOMIC UNCERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%TIMES ARE GOOD - %TIMES ARE BAD)

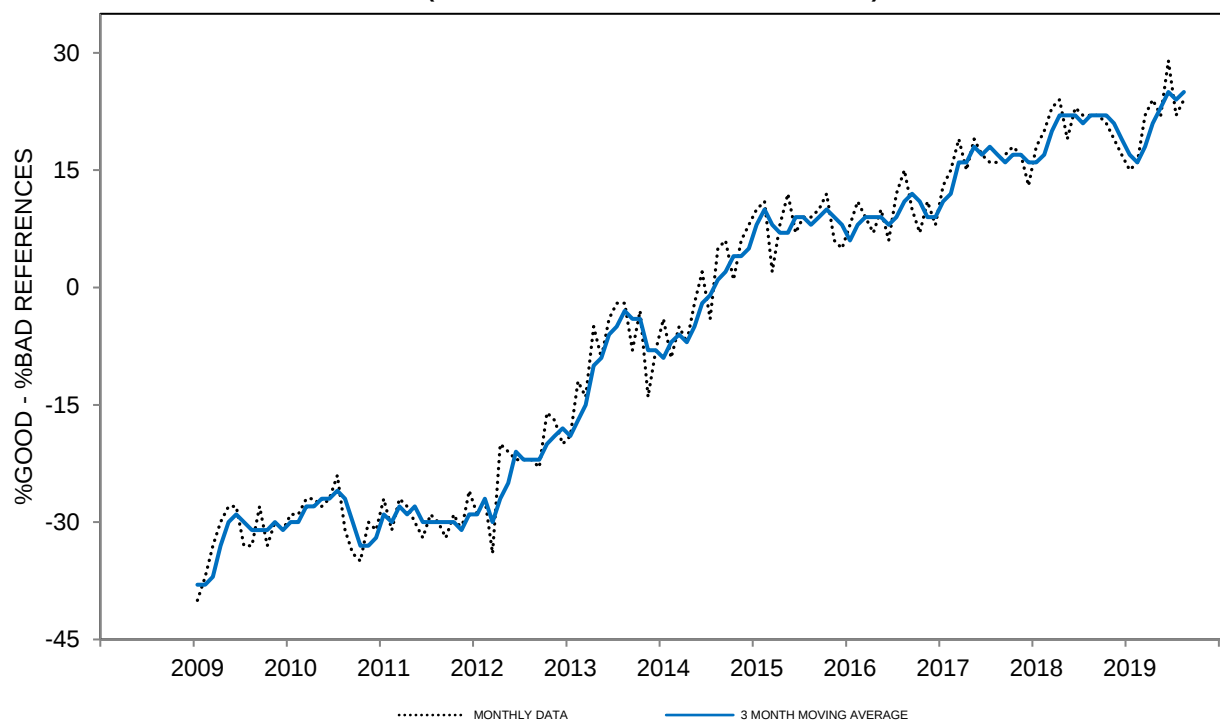


CHART 44D: ECONOMIC UNCERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%TIMES ARE GOOD - %TIMES ARE BAD)

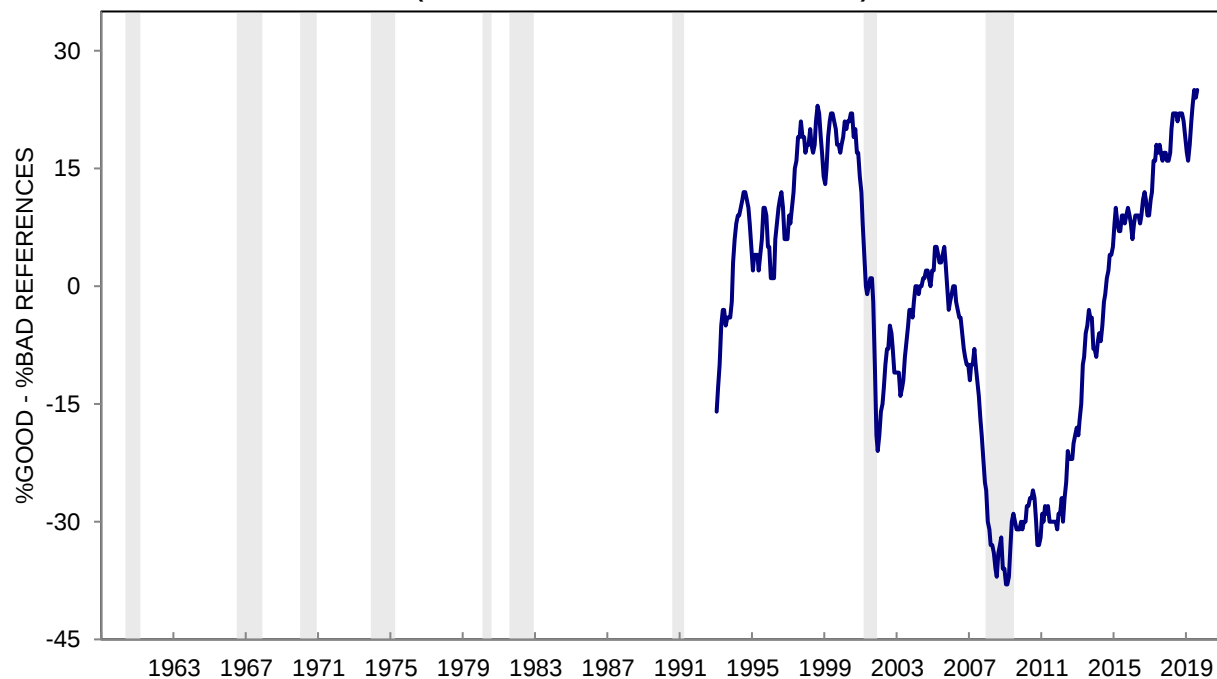


CHART 44E: CAPITAL GAIN REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

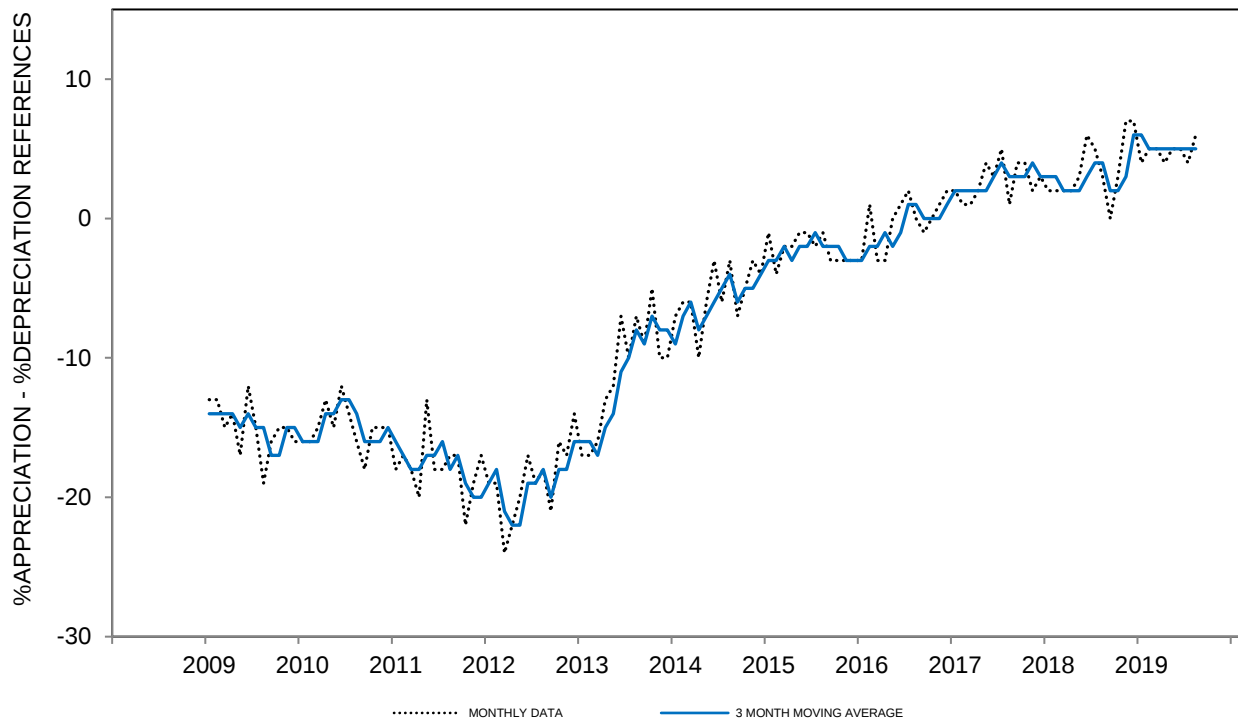


CHART 44E: CAPITAL GAIN REASONS FOR SELLING CONDITIONS FOR HOUSES
 (%CAPITAL APPRECIATION - %CAPITAL DEPRECIATION)

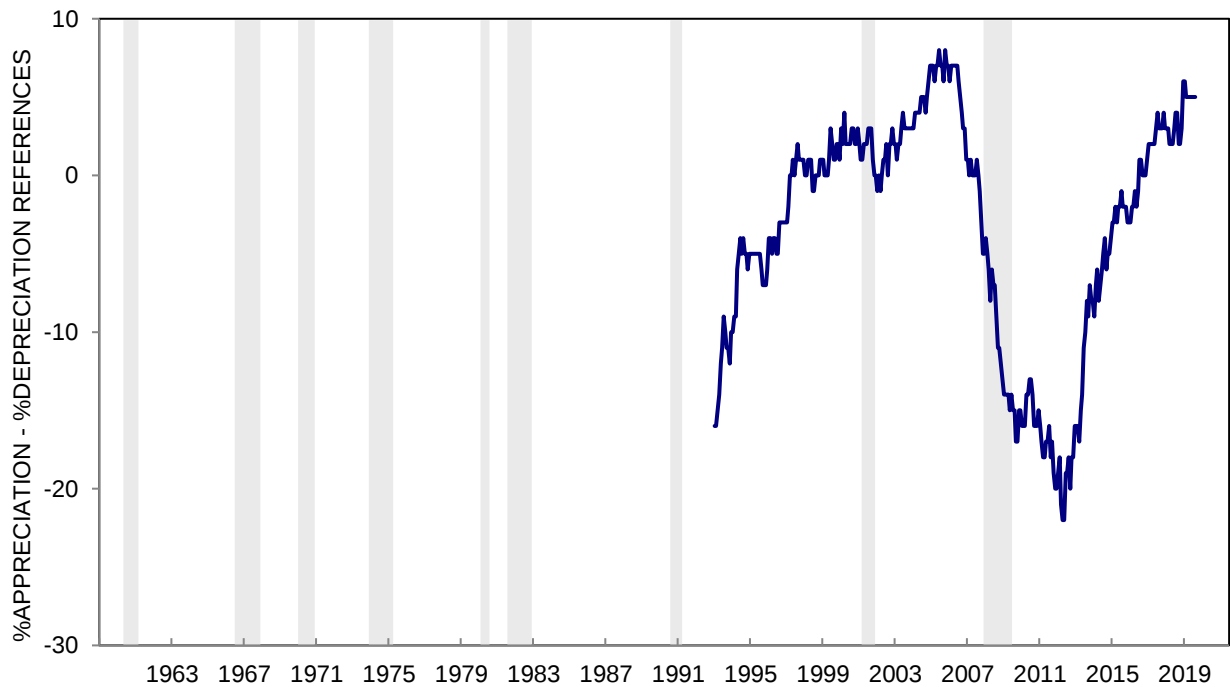


TABLE 45**CHANGE IN HOME VALUES DURING THE PAST YEAR**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
VALUE INCREASED	69%	66%	59%	62%	62%	59%	57%	60%	64%	59%	64%	62%	61%
VALUE SAME	24	28	33	33	30	33	36	35	30	31	30	30	31
VALUE DECREASED	6	6	7	5	5	8	6	4	6	10	5	7	8
DK, NA	1	*	1	*	3	*	1	1	*	*	1	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	416	456	433	444	424	440	450	443	430	426	462	426	434
INDEX SCORE	163	160	152	157	157	151	151	156	158	149	159	155	153

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

All	160	160	158	156	155	155	153	153	155	154	155	154	156
Age 18 to 44	159	158	155	155	153	154	154	158	163	158	159	153	154
Age 45 to 64	163	162	162	159	158	155	152	150	153	153	151	152	156
Age 65+	160	161	158	155	152	154	153	151	150	153	158	158	158
Income Bottom Third	149	143	139	141	144	140	135	133	135	136	138	139	141
Income Middle Third	161	163	161	157	154	159	158	158	160	162	164	163	163
Income Top Third	167	168	167	165	163	159	158	159	161	159	159	159	159
Home Value Bottom Third	145	144	142	138	137	137	135	137	140	141	142	139	139
Home Value Middle Third	160	162	159	159	160	162	161	159	161	160	165	167	172
Home Value Top Third	179	180	178	173	170	167	165	164	164	162	161	161	159

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

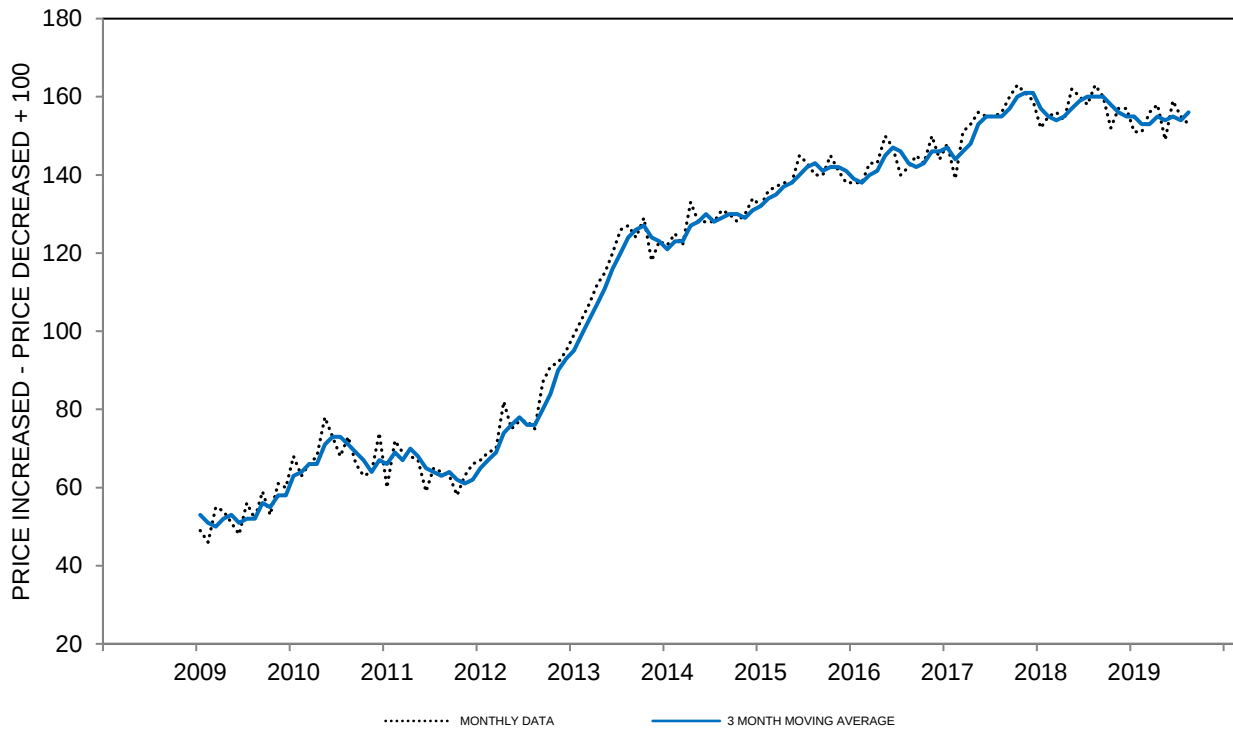


CHART 45: CHANGE IN HOME VALUES DURING THE PAST YEAR

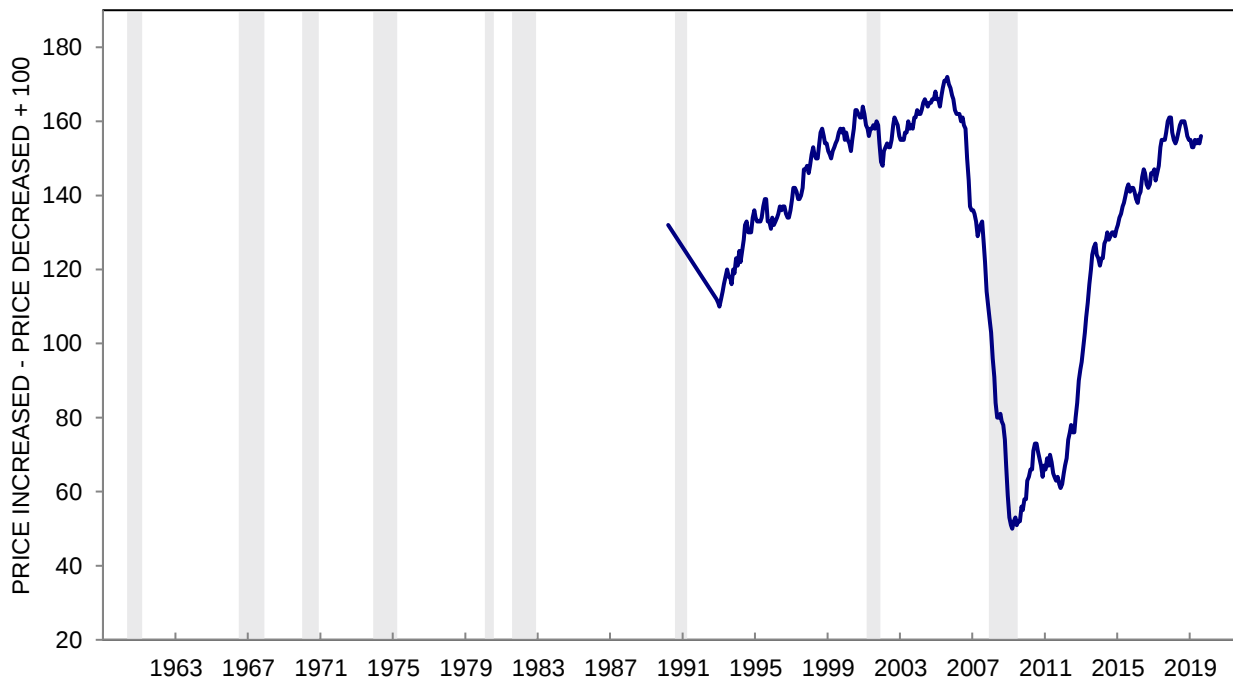


TABLE 46**EXPECTED CHANGE IN HOME VALUES DURING THE NEXT YEAR**

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
INCREASE	58%	49%	50%	51%	49%	43%	50%	51%	51%	52%	53%	51%	55%
REMAIN THE SAME	33	41	42	38	41	47	39	42	42	42	39	41	36
DECREASE	9	9	8	10	10	9	10	6	7	6	8	7	9
DK, NA	*	1	*	1	*	1	1	1	*	*	*	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	416	456	433	444	424	440	450	443	430	426	462	426	434
MEDIAN INCREASE	2.1	0.5	0.6	0.8	0.5	0.4	0.6	0.9	0.7	1.0	1.1	1.0	1.1
25th PERCENTILE	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
75th PERCENTILE	5.2	4.7	4.8	4.7	4.8	3.9	4.7	4.7	4.7	4.8	4.7	4.9	4.8
INTERQUARTILE RANGE (75th-25th)	5.3	4.8	4.9	4.8	5.0	4.1	4.8	4.7	4.7	4.8	4.8	5.0	4.9
MEAN INCREASE	3.0	2.0	2.5	2.1	2.3	2.2	2.0	2.5	2.5	2.3	2.2	2.5	2.6
VARIANCE	40	31	27	25	43	34	36	31	31	38	36	26	29

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

All	1.8	1.4	1.1	0.6	0.6	0.6	0.5	0.6	0.7	0.9	0.9	1.0	1.1
Age 18 to 44	2.2	2.0	1.4	1.2	1.2	1.3	1.0	0.6	0.8	1.0	1.3	1.7	1.6
Age 45 to 64	1.8	1.4	1.1	0.7	0.7	0.4	0.4	0.7	0.7	0.8	0.5	0.5	0.6
Age 65+	1.2	1.0	1.4	0.8	1.0	0.7	0.9	1.0	1.4	1.7	1.8	1.6	1.7
Income Bottom Third	0.5	0.4	0.2	0.3	0.3	0.2	0.1	0.1	0.3	0.2	0.3	0.7	0.8
Income Middle Third	1.9	1.5	1.3	0.6	0.9	0.8	1.0	1.3	1.5	1.3	1.4	1.8	2.2
Income Top Third	2.5	2.5	2.1	1.5	0.9	0.5	0.4	0.8	0.9	1.5	1.2	1.2	0.8
Home Value Bottom Third	0.4	0.4	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.4	0.3	0.6
Home Value Middle Third	2.4	2.1	2.0	1.9	2.2	2.0	1.4	1.1	1.0	1.1	1.5	2.0	2.2
Home Value Top Third	3.1	2.7	2.4	1.8	1.2	0.6	0.9	1.6	1.9	2.0	1.7	1.7	1.1

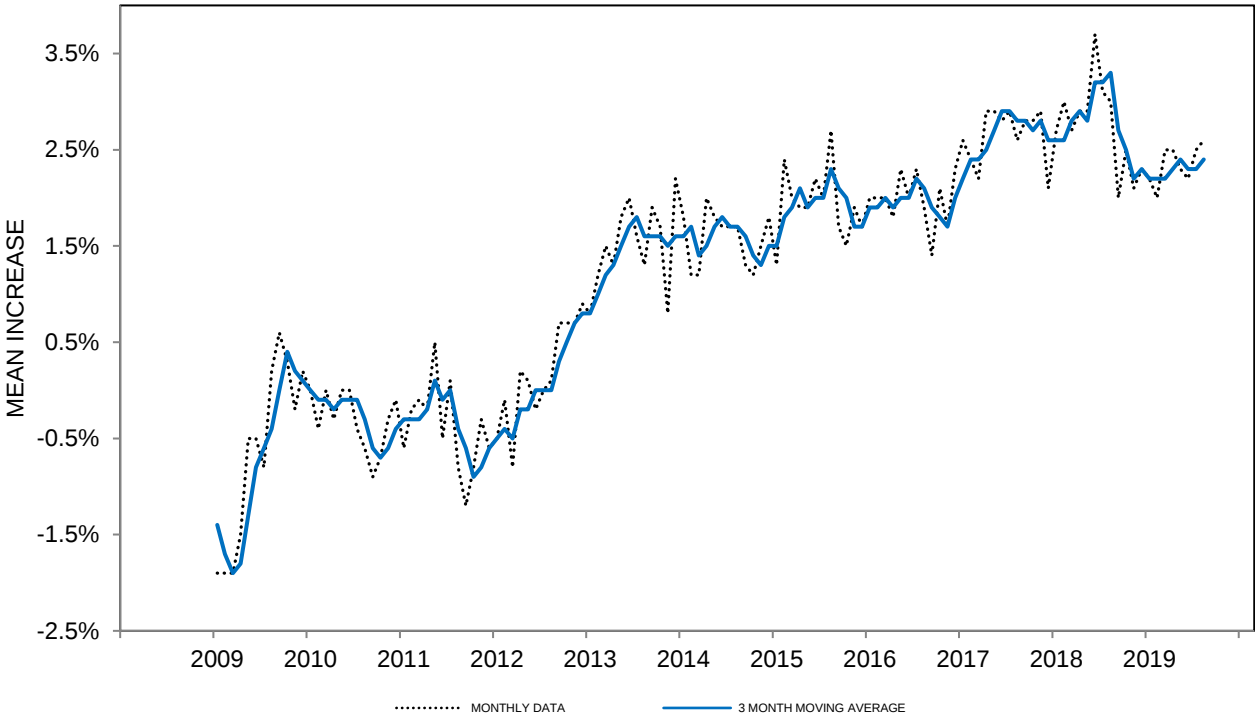
The questions were: "What do you think will happen to the prices of homes like yours in your community over the next 12 months? Will they increase at a rapid rate, increase at a moderate rate, remain about the same, decrease at a moderate rate, or decrease at a rapid rate?"

"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**

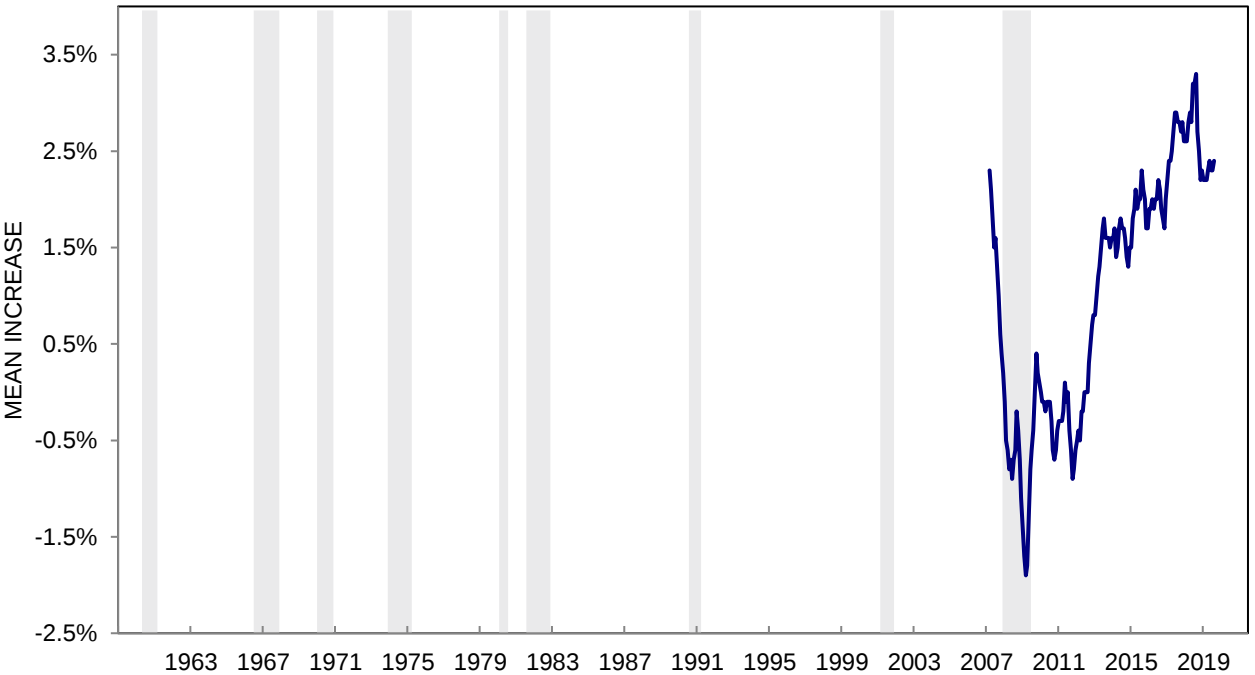


TABLE 47

EXPECTED CHANGE IN HOME VALUES DURING THE NEXT 5 YEARS

	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019
INCREASE	67%	65%	63%	66%	63%	66%	67%	67%	63%	65%	67%	67%	67%
REMAIN THE SAME	23	25	25	24	24	21	21	22	25	24	19	21	22
DECREASE	10	9	11	9	10	11	10	10	11	9	13	11	10
DK, NA	*	1	1	1	3	2	2	1	1	2	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	416	456	433	444	424	440	450	443	430	426	462	426	434
MEDIAN INCREASE	2.7	2.5	2.0	2.3	2.2	2.7	2.6	2.4	2.1	2.3	2.3	2.6	2.1
25th PERCENTILE	0.2	0.1	0.0	0.2	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2
75th PERCENTILE	5.0	4.8	4.3	4.8	4.8	4.9	4.8	4.7	4.5	4.4	4.8	4.8	4.8
INTERQUARTILE RANGE (75th-25th)	4.9	4.7	4.2	4.7	4.7	4.8	4.6	4.5	4.5	4.3	4.7	4.6	4.6
MEAN INCREASE	3.0	2.7	2.0	2.5	2.8	2.8	2.7	2.3	2.3	2.2	2.1	2.8	2.5
VARIANCE	21	22	25	25	32	30	30	30	18	17	40	23	18

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

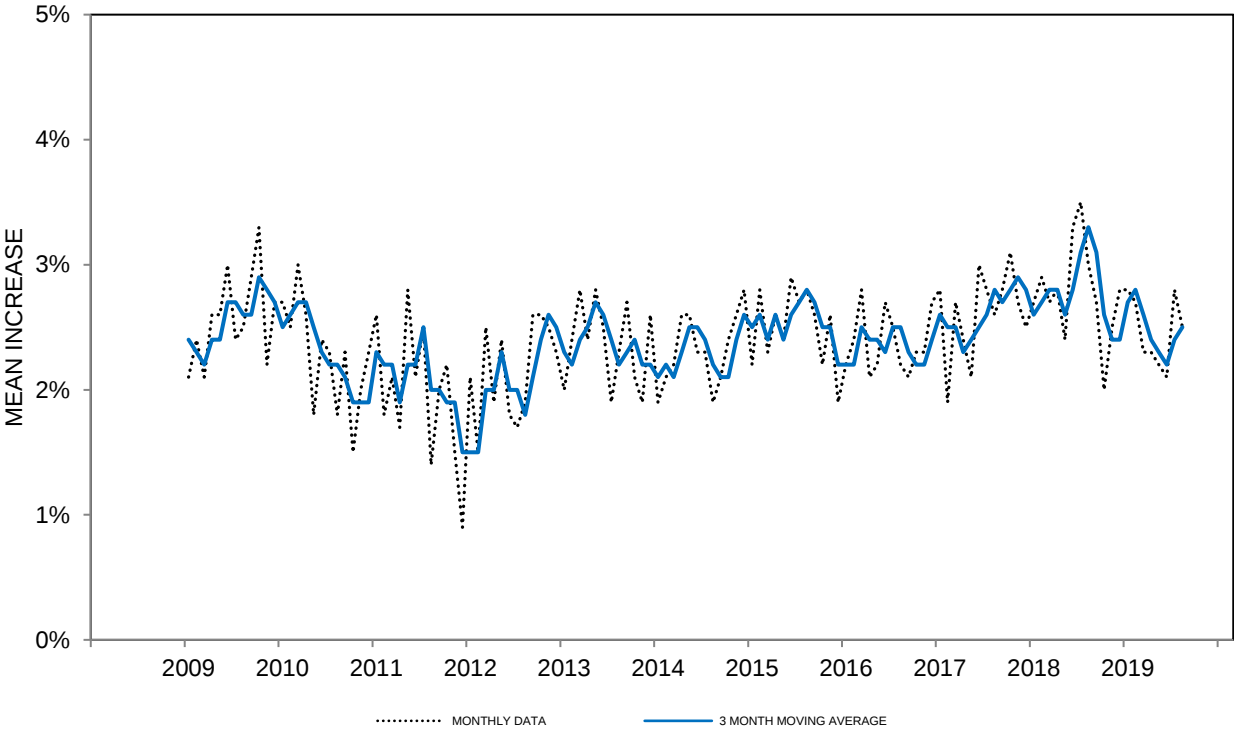
All	2.7	2.7	2.4	2.3	2.2	2.4	2.5	2.6	2.4	2.3	2.2	2.4	2.3
Age 18 to 44	2.8	2.5	2.0	2.2	2.2	2.6	2.2	2.3	2.0	2.2	2.0	2.3	2.2
Age 45 to 64	2.8	2.7	2.5	2.2	2.3	2.4	2.6	2.4	2.2	2.0	2.1	2.2	2.3
Age 65+	2.7	2.8	2.7	2.3	1.9	2.2	2.6	2.9	2.8	2.7	2.6	2.7	2.5
Income Bottom Third	2.2	2.1	1.4	1.5	1.3	1.5	1.9	1.5	1.3	0.5	1.0	1.5	1.9
Income Middle Third	2.9	2.7	2.5	2.1	1.9	2.1	2.4	2.7	2.6	2.6	2.5	2.6	2.6
Income Top Third	2.8	2.9	2.5	2.6	2.5	2.7	2.6	2.6	2.4	2.6	2.5	2.6	2.4
Home Value Bottom Third	1.9	1.9	1.6	1.6	1.4	1.3	1.4	1.3	1.3	1.0	1.2	1.4	1.7
Home Value Middle Third	3.0	2.8	2.5	2.3	2.4	2.7	2.7	2.5	2.4	2.4	2.5	2.7	2.7
Home Value Top Third	3.0	3.0	2.7	2.8	2.7	2.9	3.0	3.1	2.8	2.7	2.6	2.8	2.6

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

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).