



February 2020

The February survey was the 619th 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.

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TABLE 1

THE INDEX OF CONSUMER SENTIMENT

DATE OF SURVEY		All families	Families with incomes under \$75,000	Families with incomes over \$75,000
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
September	2019	93.2	90.6	96.1
October	2019	95.5	92.9	98.3
November	2019	96.8	91.2	101.7
December	2019	99.3	92.7	106.0
January	2020	99.8	94.2	104.4
February	2020	101.0	96.7	105.6

CHART 1: THE INDEX OF CONSUMER SENTIMENT

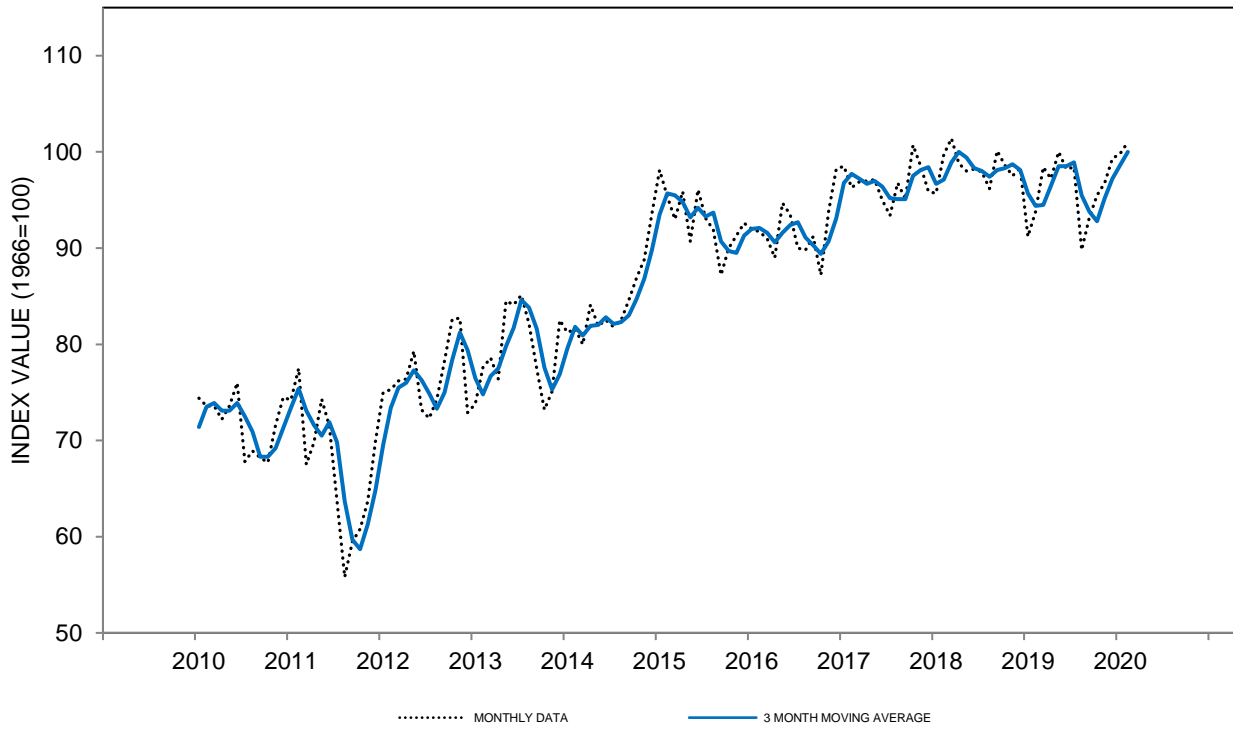


CHART 1: THE INDEX OF CONSUMER SENTIMENT

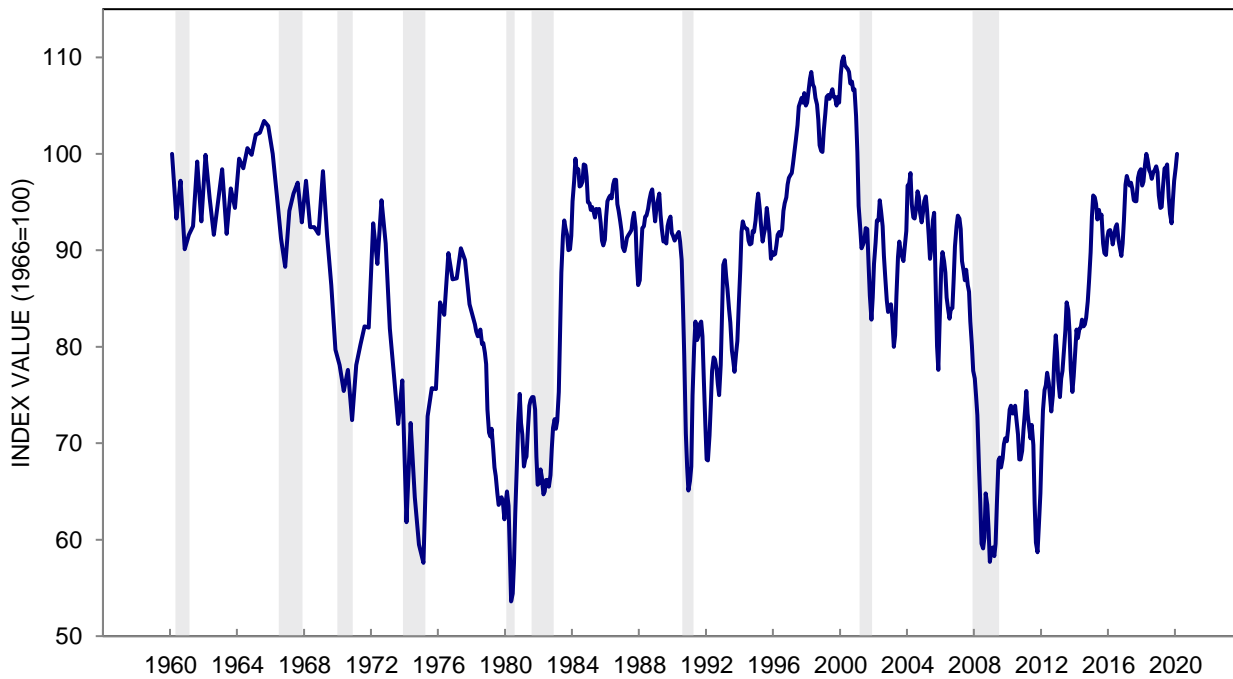


TABLE 2

THE INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES

THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Household Income Terciles		
		Bottom Third	Middle Third	Top Third
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
September	2019	88.2	94.8	99.0
October	2019	87.6	96.3	95.6
November	2019	88.8	99.0	97.8
December	2019	89.3	99.9	102.1
January	2020	90.0	100.7	104.7
February	2020	92.6	101.7	106.2

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

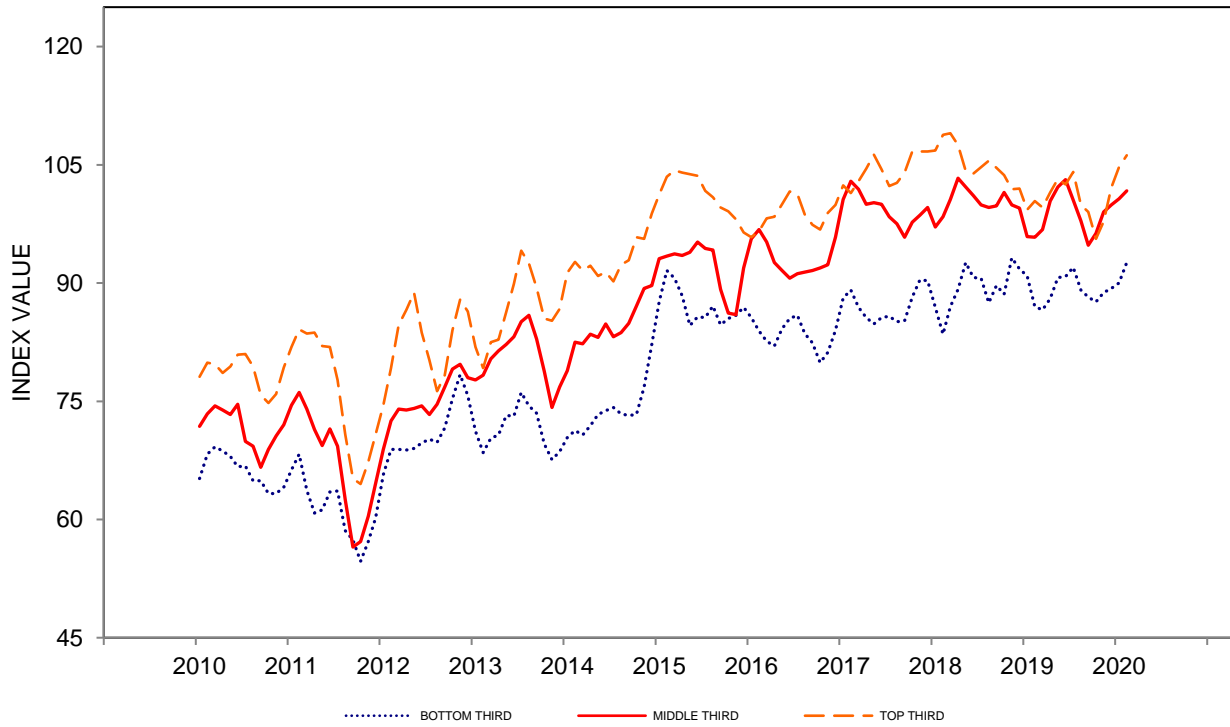


CHART 2: INDEX OF CONSUMER SENTIMENT WITHIN INCOME TERCILES

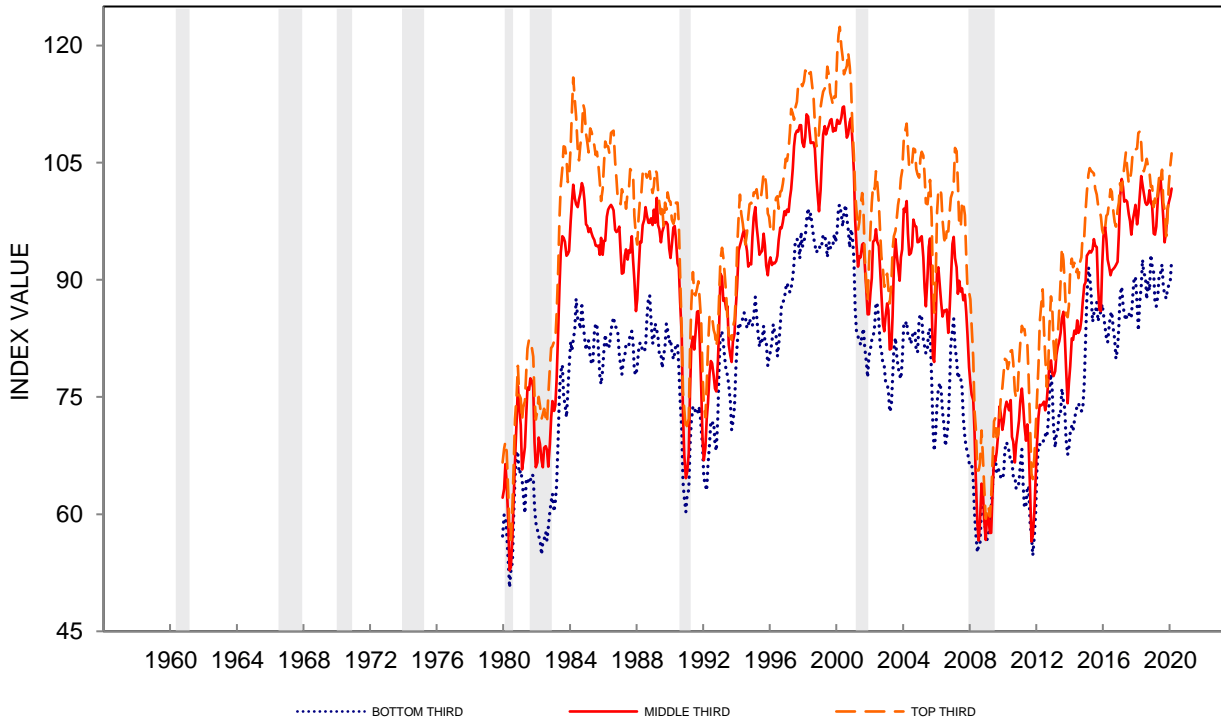


TABLE 3

THE INDEX OF CONSUMER SENTIMENT WITHIN AGE SUBGROUPS

THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Age of Householder		
		18-34	35-54	55+
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
September	2019	98.8	95.9	89.9
October	2019	100.0	93.7	88.6
November	2019	102.4	96.6	91.0
December	2019	102.2	97.9	94.8
January	2020	102.7	99.1	97.0
February	2020	100.6	102.3	98.3

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

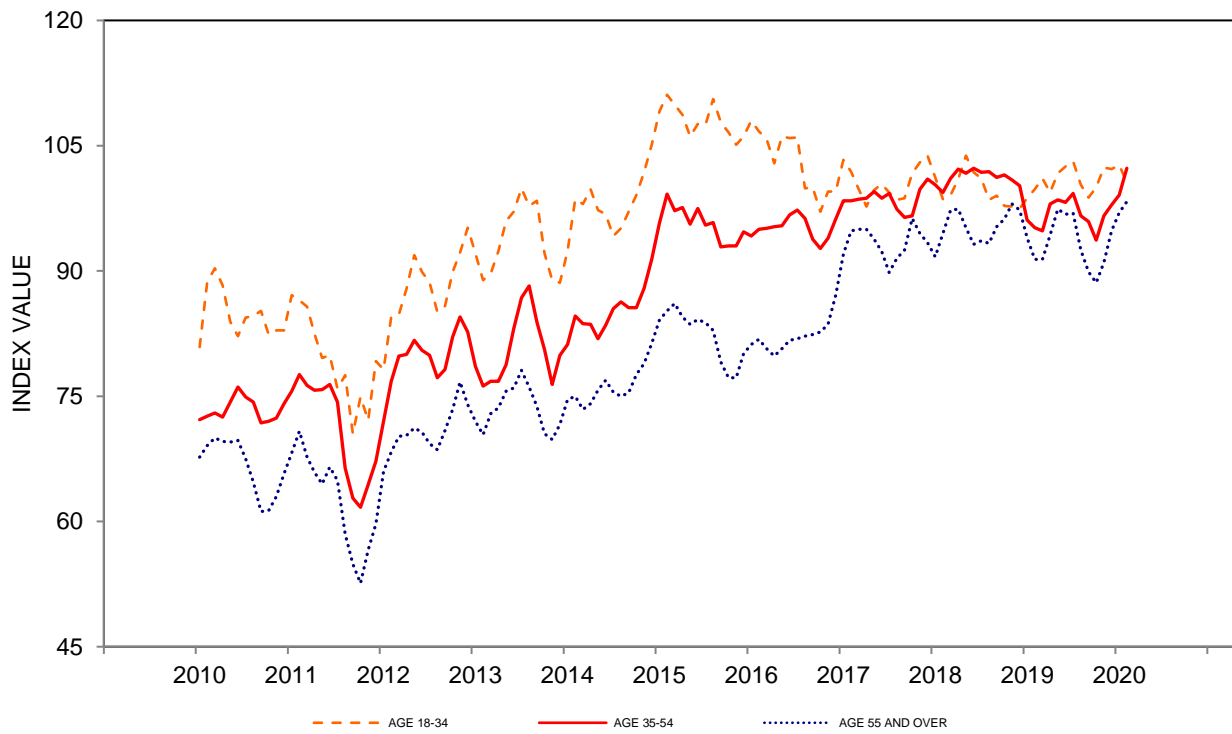


CHART 3: INDEX OF CONSUMER SENTIMENT WITHIN AGE SUBGROUPS
(Three Month Moving Averages)

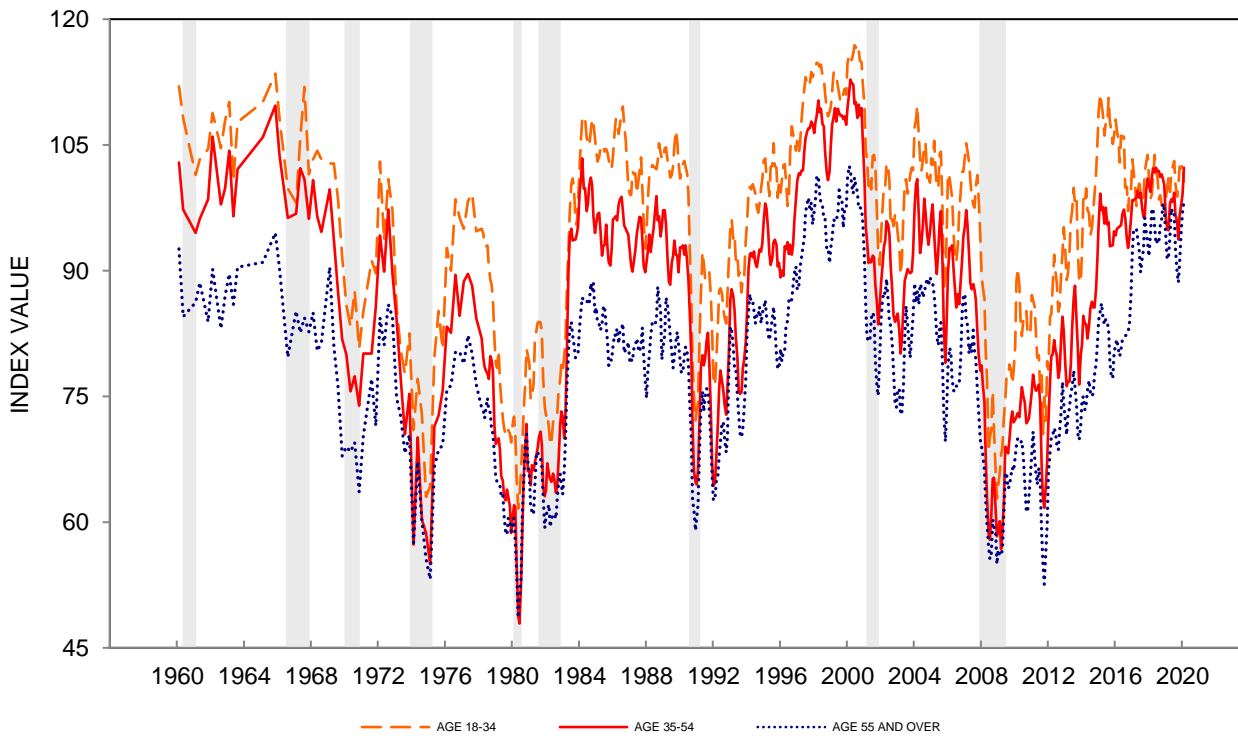


TABLE 4

THE INDEX OF CONSUMER SENTIMENT WITHIN REGIONS

THREE MONTH MOVING AVERAGES

DATE OF SURVEY		Region of Residence			
		North East	Midwest	South	West
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
September	2019	89.3	93.9	97.9	90.1
October	2019	88.2	93.8	96.2	89.6
November	2019	88.3	93.6	99.7	93.9
December	2019	90.6	95.2	101.3	97.2
January	2020	91.8	97.2	103.6	96.4
February	2020	93.9	101.3	103.7	96.8

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

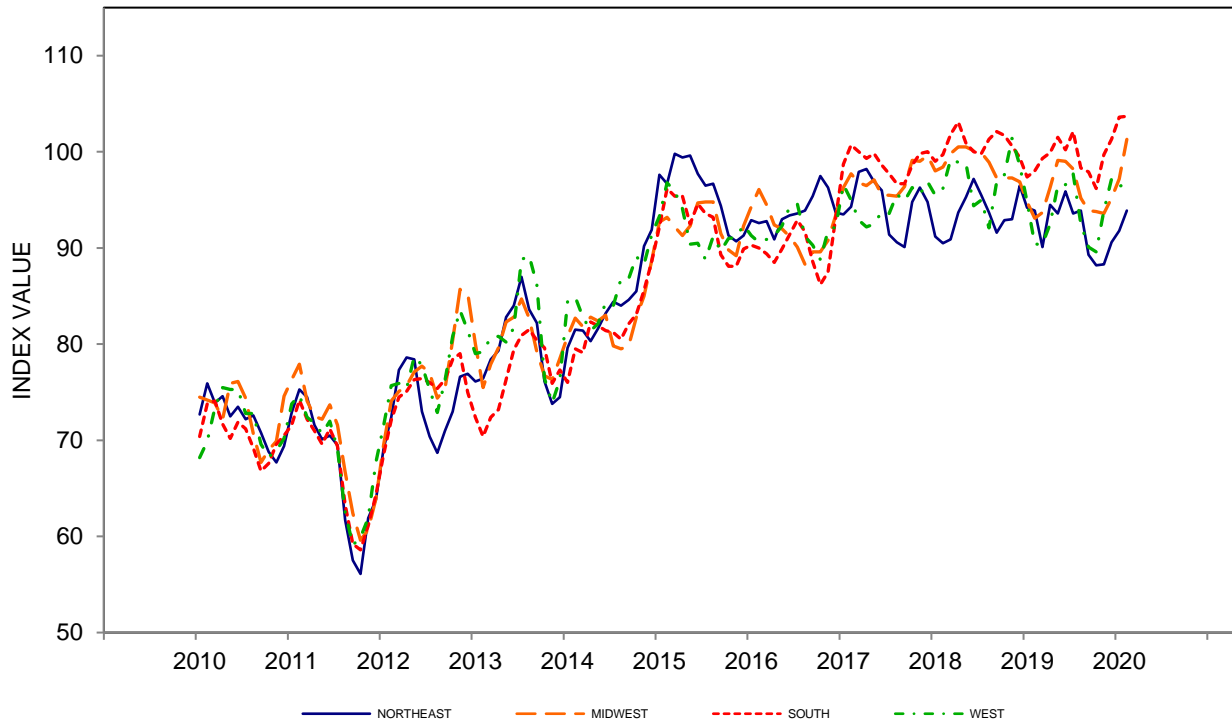


CHART 4: INDEX OF CONSUMER SENTIMENT WITHIN REGIONS

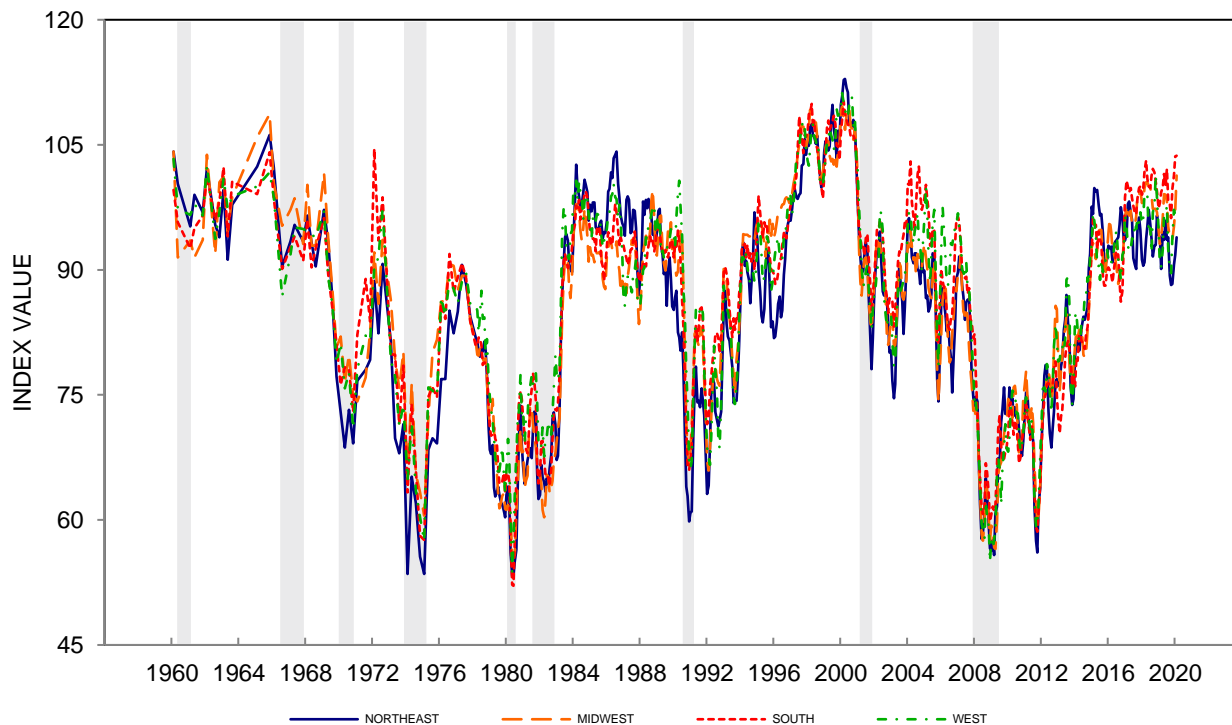


TABLE 5

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)			
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
September	2019	131	128	109	98	150	108.5	83.4
October	2019	134	134	108	96	160	113.2	84.2
November	2019	134	131	116	105	156	111.6	87.3
December	2019	137	131	120	106	164	115.5	88.9
January	2020	134	133	121	110	163	114.4	90.5
February	2020	141	133	127	111	157	114.8	92.1

(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)

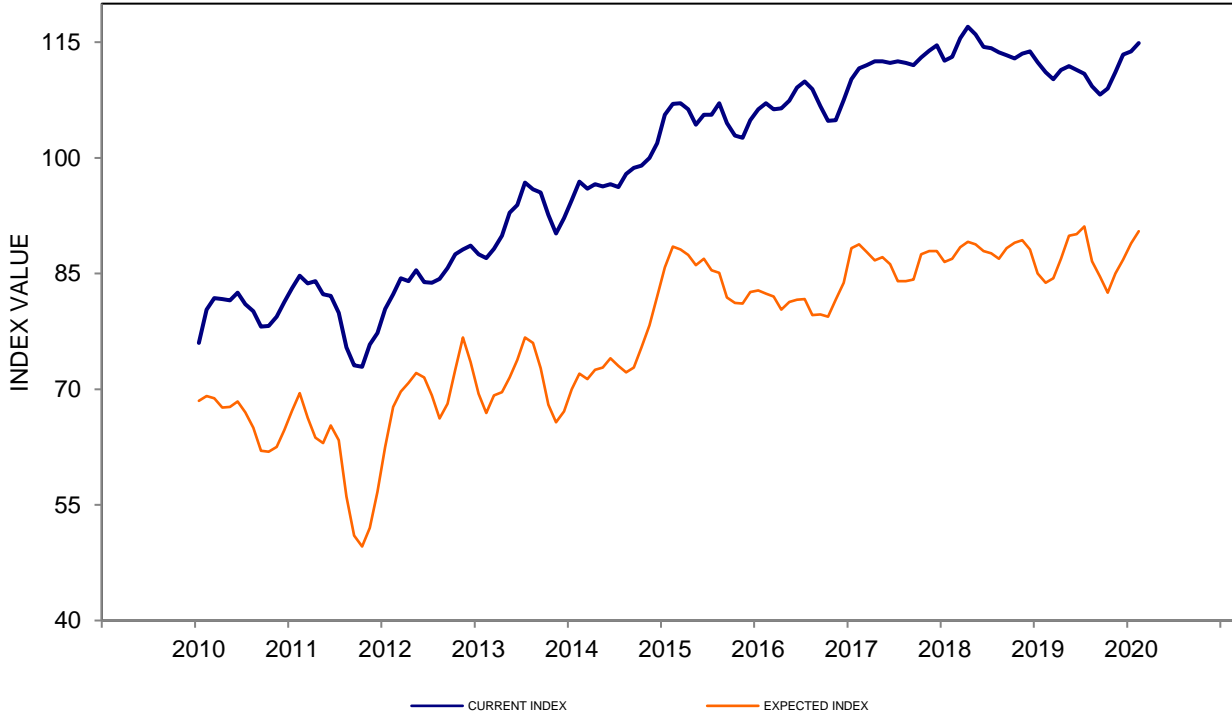


CHART 5: CURRENT AND EXPECTED COMPONENTS OF THE SENTIMENT INDEX

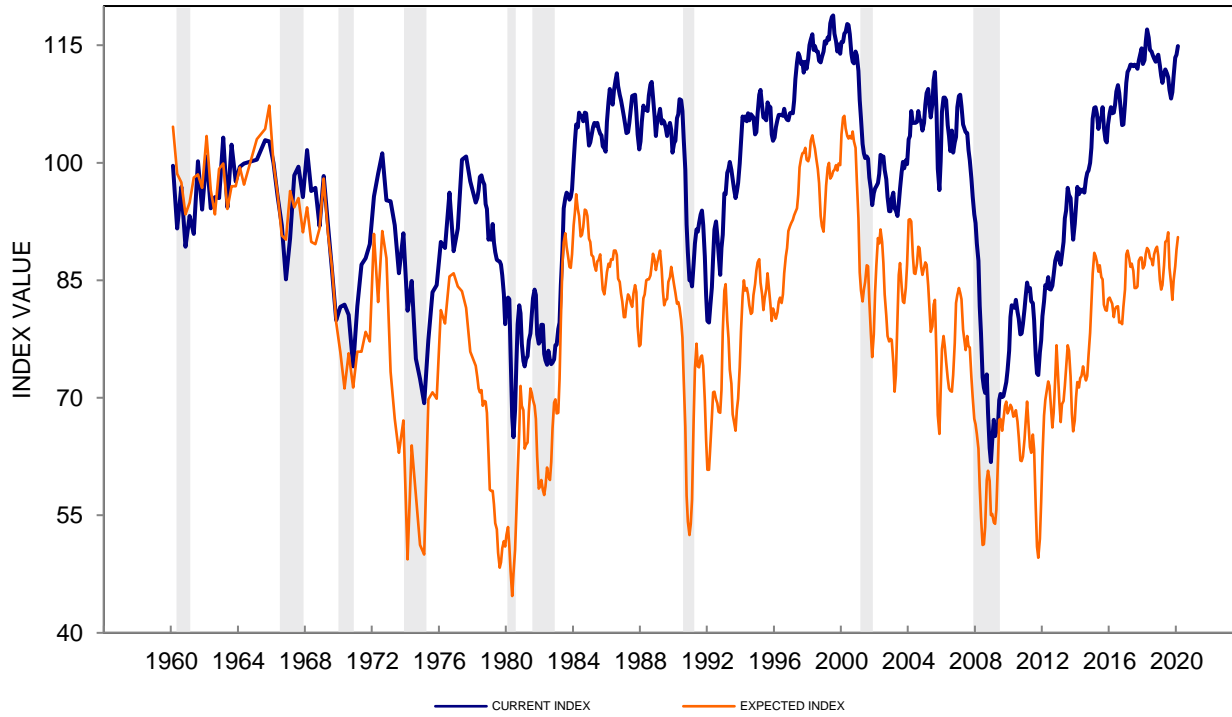


TABLE 6**CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
BETTER OFF	49%	56%	53%	54%	53%	52%	50%	51%	53%	54%	56%	53%	58%
SAME	26	26	27	26	25	27	26	29	28	26	25	28	25
WORSE OFF	25	18	20	20	22	21	23	20	19	20	19	19	17
DK, NA	*	*	*	*	*	*	1	*	*	*	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	124	138	133	134	131	131	127	131	134	134	137	134	141

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

All	128	130	132	135	133	132	130	130	131	133	135	135	137
Age 18 to 44	141	144	144	145	143	143	145	146	148	151	152	150	147
Age 45 to 64	123	126	129	130	126	125	122	123	124	129	129	129	133
Age 65+	114	115	118	127	125	125	117	115	114	113	118	123	129
Income Bottom Third	107	110	111	116	109	111	107	111	111	113	113	114	119
Income Middle Third	127	131	139	143	143	136	136	134	138	139	137	136	137
Income Top Third	150	148	146	147	147	150	147	146	143	147	152	155	157

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

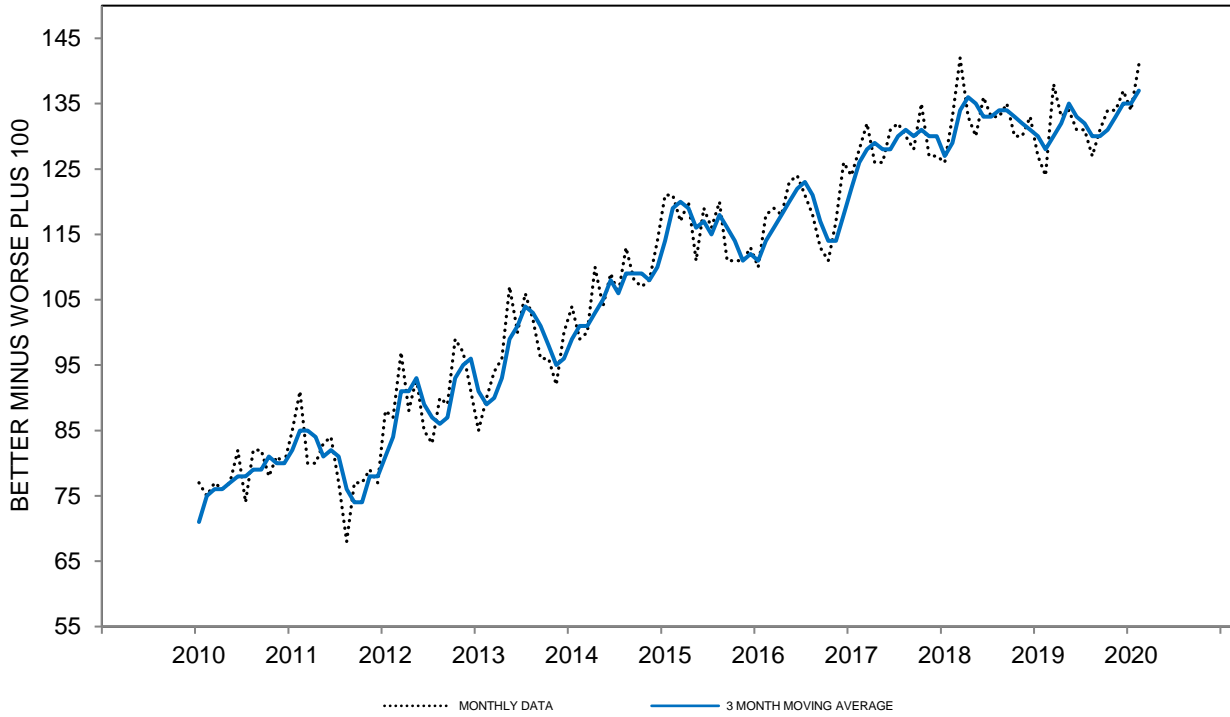


CHART 6: CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

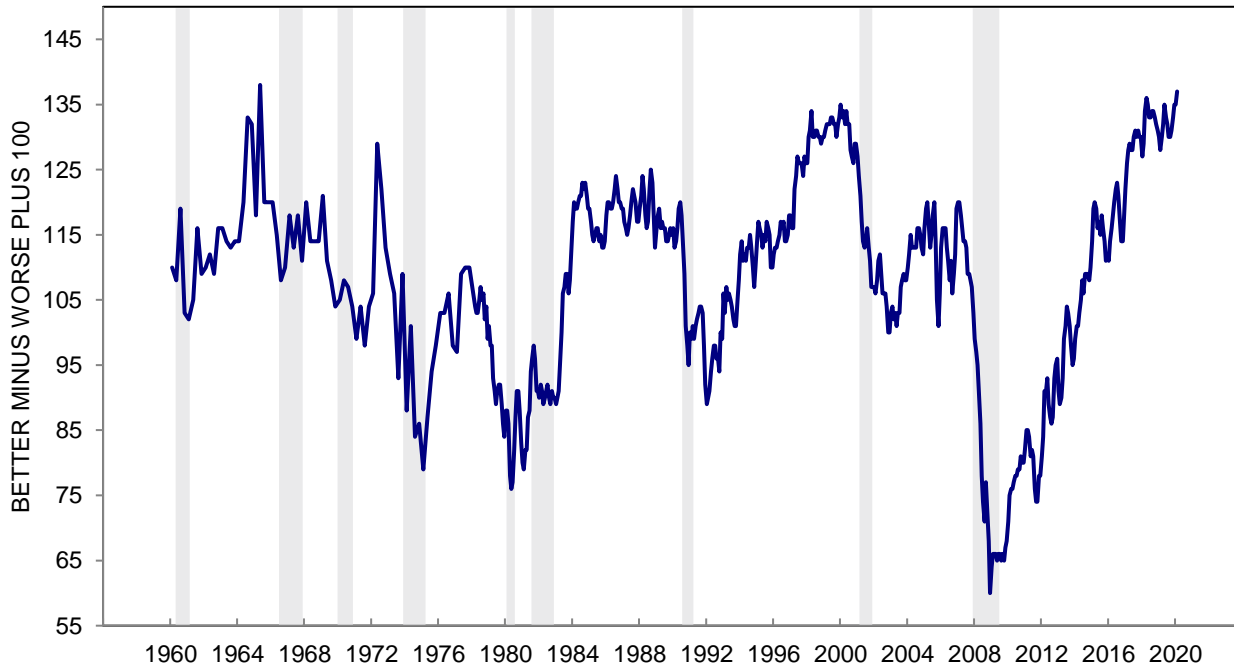


TABLE 7**SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
BETTER THAN YEAR AGO:													
Income higher	40%	47%	40%	44%	43%	41%	42%	39%	45%	44%	42%	40%	46%
Increased HH Contribution	6	6	4	4	3	3	5	5	4	5	5	7	3
Assets Higher	7	9	10	10	9	9	10	9	8	13	11	12	13
Debt Lower	6	7	8	5	8	8	5	9	8	5	6	7	6
Expense Lower	6	10	9	6	8	6	6	6	6	7	6	7	7
WORSE THAN YEAR AGO:													
Income lower	17	14	18	17	17	19	16	17	14	14	15	18	14
Decreased HH Contribution	6	4	3	5	4	4	5	4	5	6	4	3	3
Higher prices	8	6	8	8	9	6	8	6	6	8	6	7	6
Assets Lower	4	1	2	1	2	1	2	3	2	2	2	*	1
Debt Higher	3	4	3	3	3	3	4	3	3	3	3	1	2
Expense Higher	7	3	5	4	4	5	7	5	5	5	7	5	4

SELECTED REASONS FOR OPINIONS ABOUT HOUSEHOLD FINANCIAL SITUATION**INCOME HIGHER - INCOME LOWER (THREE MONTH MOVING AVERAGES)**

All	24	26	26	27	25	25	25	23	26	28	29	26	27
Age 18 to 44	40	43	42	43	42	39	41	39	45	47	48	46	45
Age 45 to 64	18	21	23	22	18	17	17	17	20	23	26	21	22
Age 65+	6	9	7	12	10	14	11	10	9	8	7	6	7
Income Bottom Third	5	7	7	10	7	8	7	7	11	11	12	10	10
Income Middle Third	24	29	31	32	33	30	30	28	32	34	32	28	27
Income Top Third	42	42	41	41	39	42	42	39	37	38	43	42	44

HIGHER PRICES (THREE MONTH MOVING AVERAGES)

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

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

All	7	8	10	12	12	12	11	11	11	12	12	14	15
Age 18 to 44	6	8	10	10	10	9	8	7	6	8	10	12	10
Age 45 to 64	9	9	12	12	12	12	11	13	13	15	13	14	17
Age 65+	6	5	6	13	16	16	13	12	12	14	15	18	19
Income Bottom Third	1	1	2	4	3	4	2	3	1	3	1	3	6
Income Middle Third	5	7	12	13	15	12	12	11	12	13	12	14	13
Income Top Third	15	15	17	20	20	20	19	20	18	20	22	25	26

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

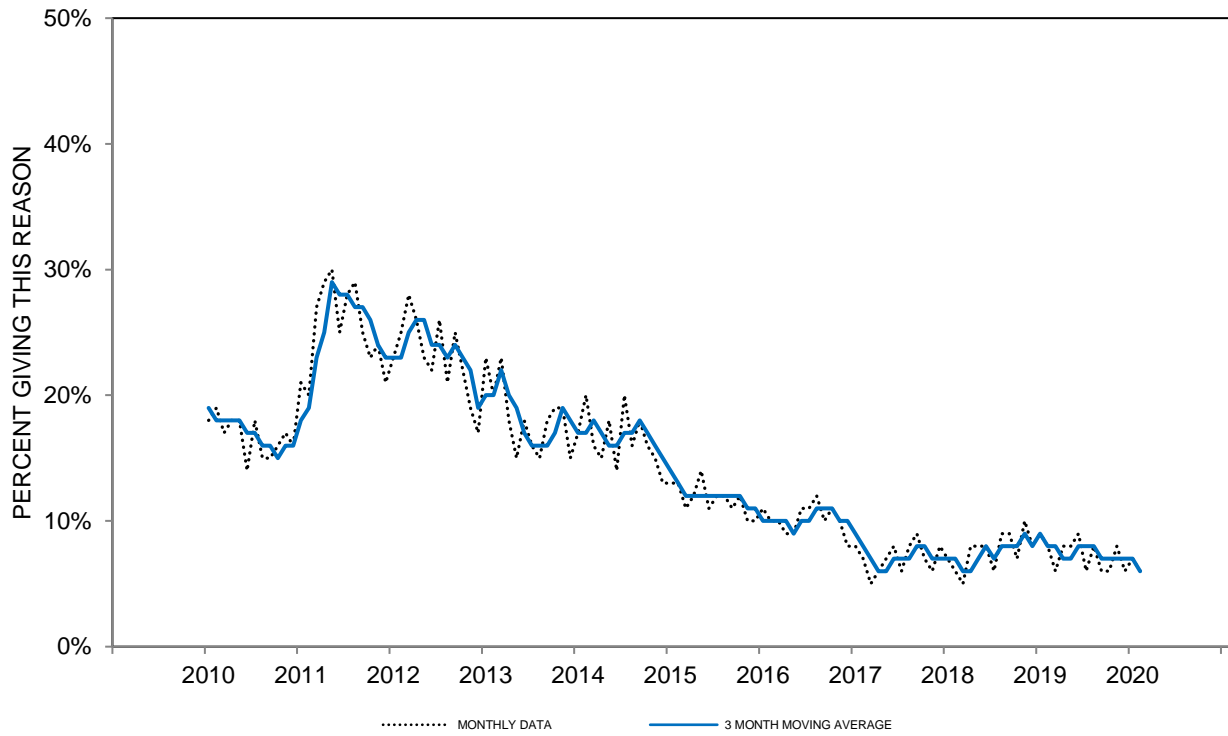
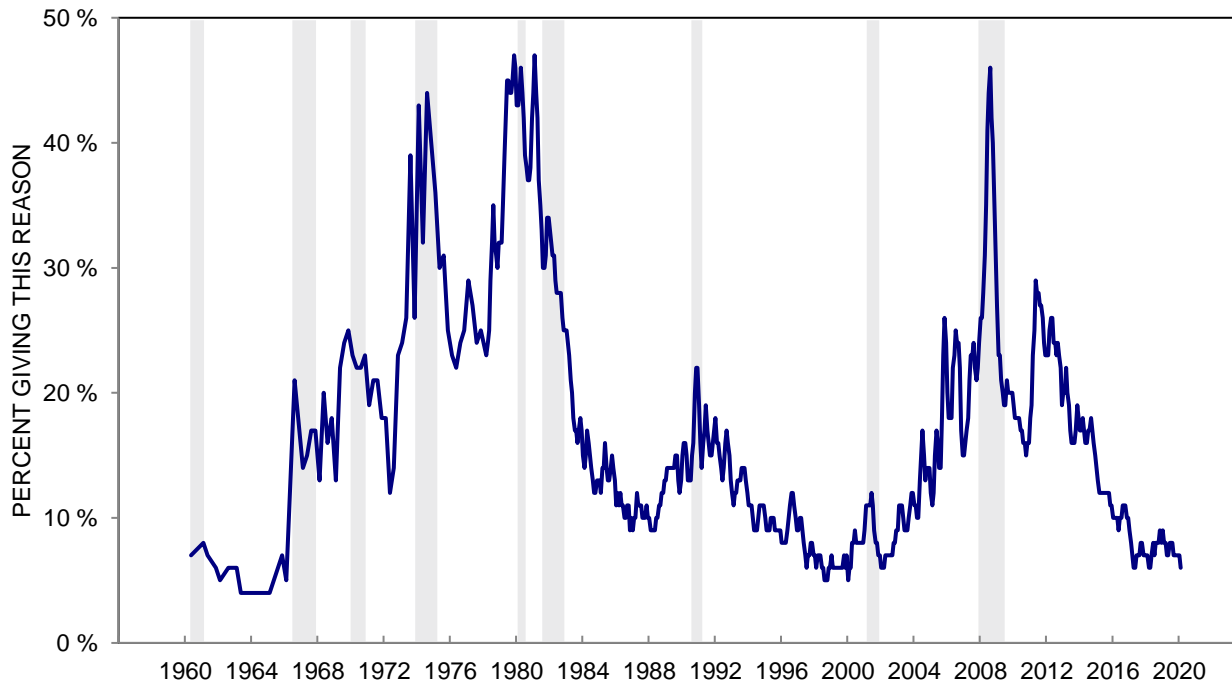
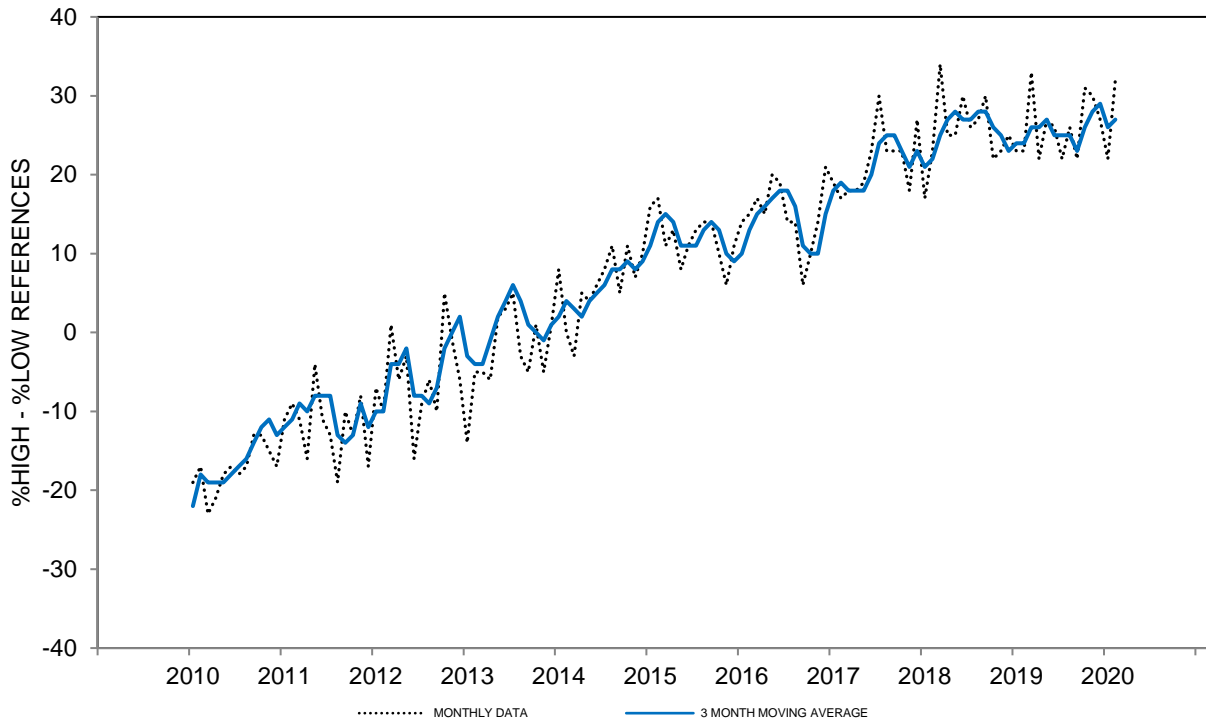


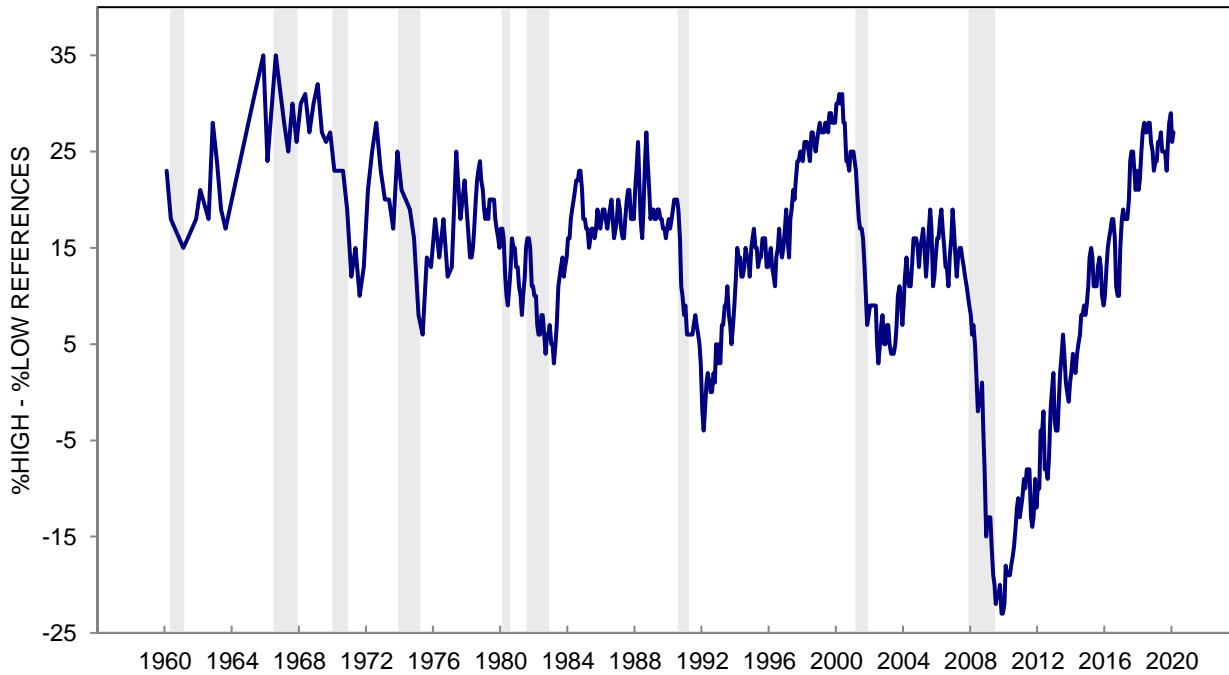
CHART 7A: HIGHER PRICES AS REASONS FOR WORSE PERSONAL FINANCES



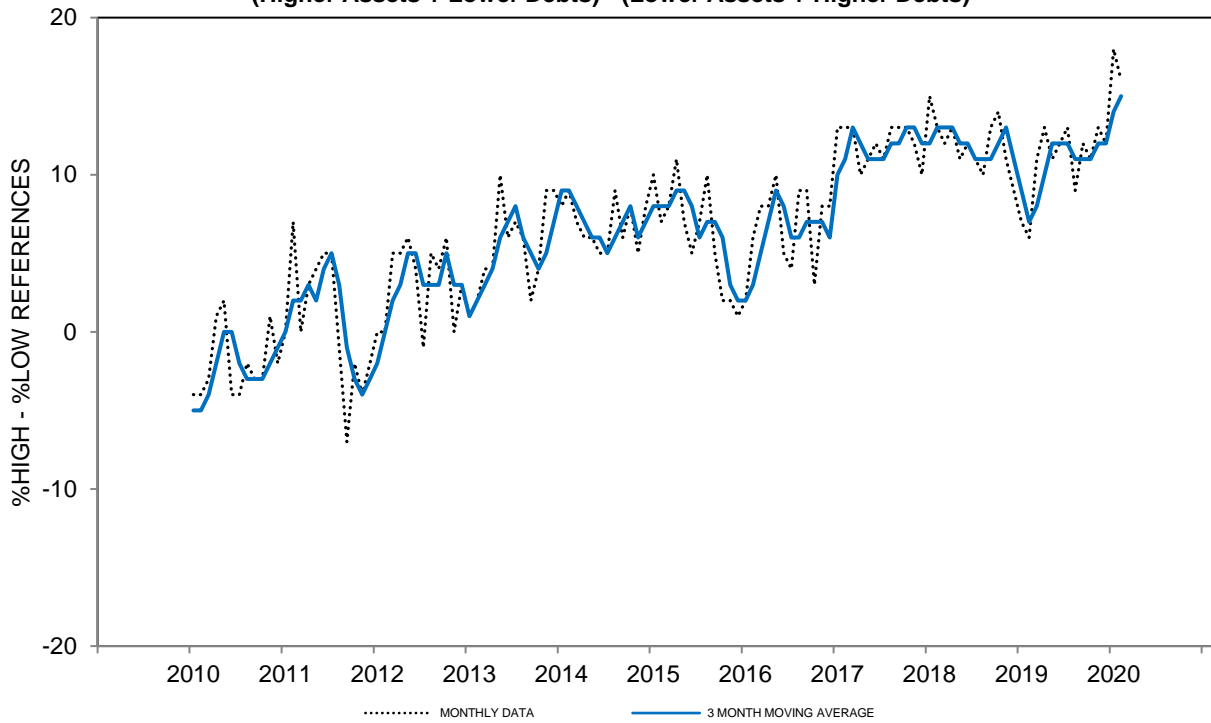
**CHART 7B: INCOME REASONS FOR CHANGES IN PERSONAL FINANCES
(%HIGHER INCOME - %LOWER INCOME)**



**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)**

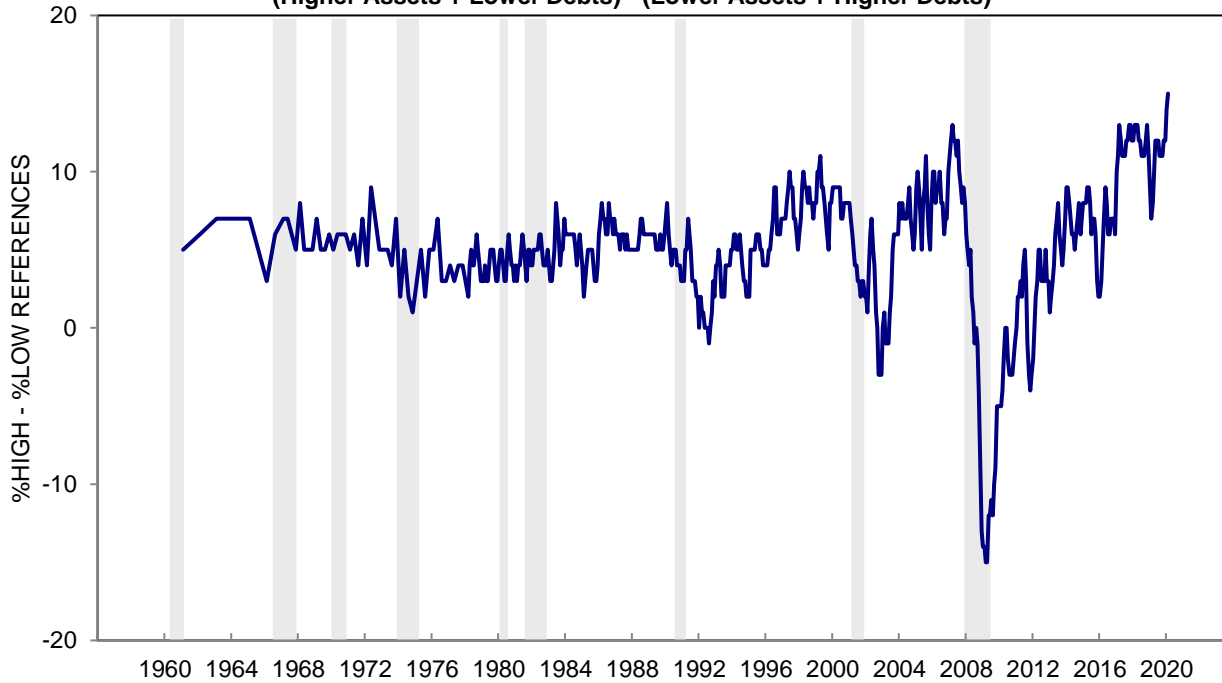


TABLE 8**EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
BETTER OFF	42%	40%	44%	45%	44%	44%	36%	38%	43%	39%	40%	40%	41%
SAME	47	48	46	44	44	47	48	49	45	49	47	49	49
WORSE OFF	9	9	8	10	10	7	13	10	9	8	9	7	8
DK, NA	2	3	2	1	2	2	3	3	3	4	4	4	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	133	131	136	135	134	137	123	128	134	131	131	133	133

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

All	131	132	133	134	135	135	131	129	128	131	132	132	132
Age 18 to 44	149	152	151	150	151	152	148	145	146	149	149	149	147
Age 45 to 64	128	126	130	134	133	133	127	128	127	130	130	128	131
Age 65+	109	111	113	109	112	113	112	107	105	108	111	112	114
Income Bottom Third	124	125	130	131	135	132	130	127	126	129	124	124	123
Income Middle Third	134	134	136	136	136	136	132	131	131	134	135	135	137
Income Top Third	135	136	137	137	137	138	133	131	130	131	136	135	136

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

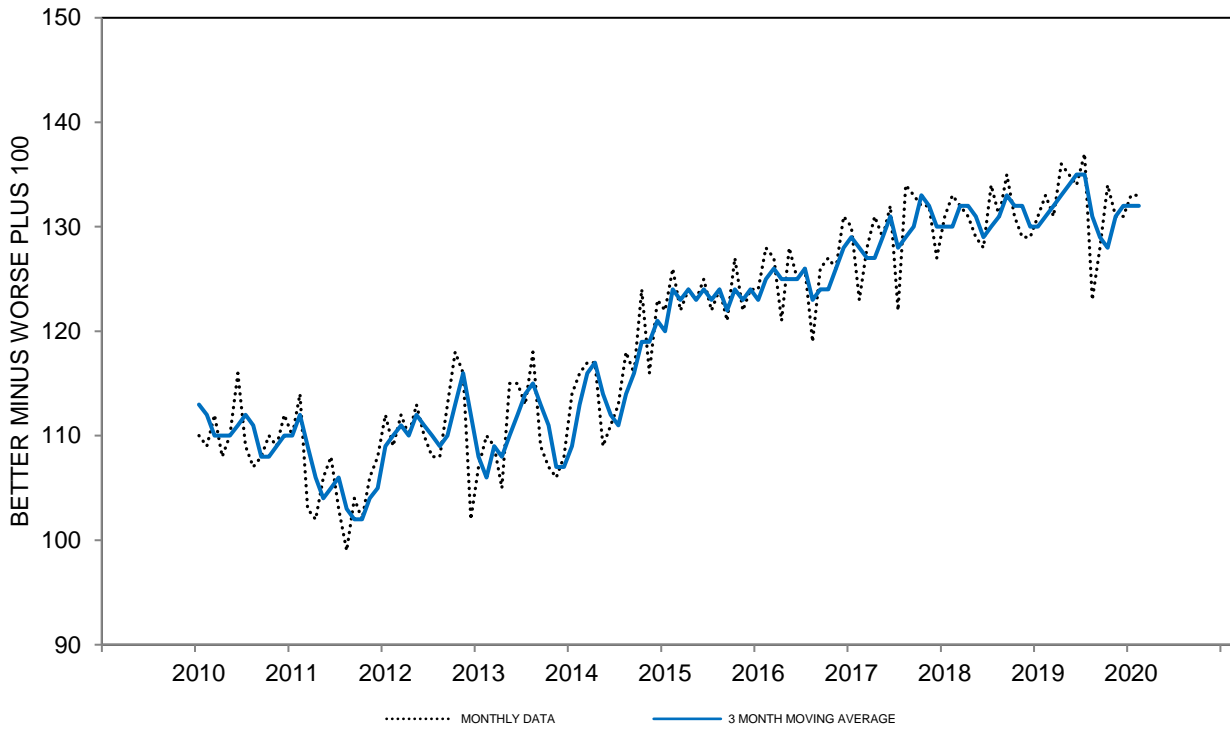


CHART 8: EXPECTED CHANGE IN FINANCIAL SITUATION IN A YEAR

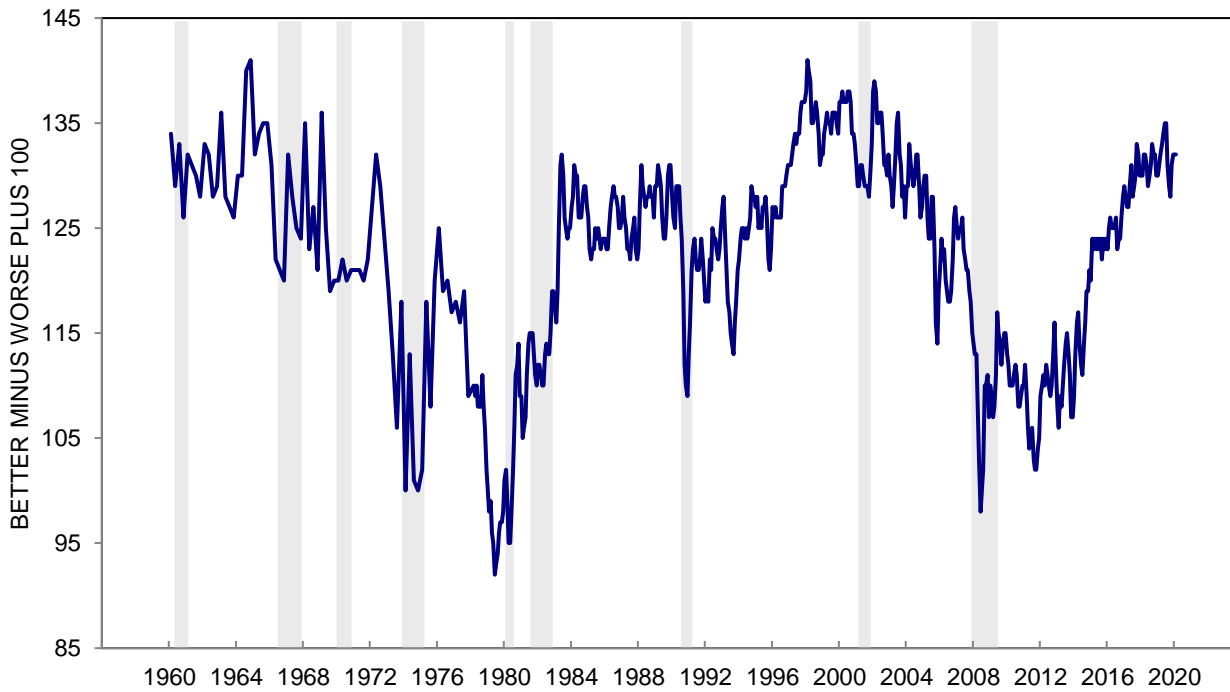


TABLE 9**ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
Personal Financial Progress													
Continuous increase (a)	26%	30%	28%	32%	31%	31%	26%	27%	28%	27%	30%	26%	31%
Intermittent increase (b)	27	29	31	26	27	25	25	25	30	29	28	32	29
Remain unchanged (c)	16	17	16	16	14	19	17	20	16	16	17	17	17
Intermittent decline (d)	13	11	10	13	13	11	16	11	10	11	11	10	10
Continuous decline (e)	5	4	4	4	6	3	5	4	5	4	5	4	4
Mixed change (f)	11	6	9	7	7	8	8	10	8	9	6	7	7
DK, NA	2	3	2	2	2	3	3	3	3	4	3	4	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	135	144	145	141	139	142	130	137	143	141	142	144	146

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

All	137	138	141	143	142	141	137	136	137	140	142	142	144
Age 18 to 44	155	158	160	159	157	157	157	157	159	163	162	161	158
Age 45 to 64	131	131	134	137	135	135	129	130	130	136	137	137	140
Age 65+	118	120	125	129	127	124	117	113	113	115	122	125	130
Income Bottom Third	120	122	126	130	127	127	124	125	124	126	124	126	128
Income Middle Third	136	140	148	149	149	143	141	139	143	147	146	146	147
Income Top Third	155	152	152	152	153	154	150	148	146	149	155	155	158

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

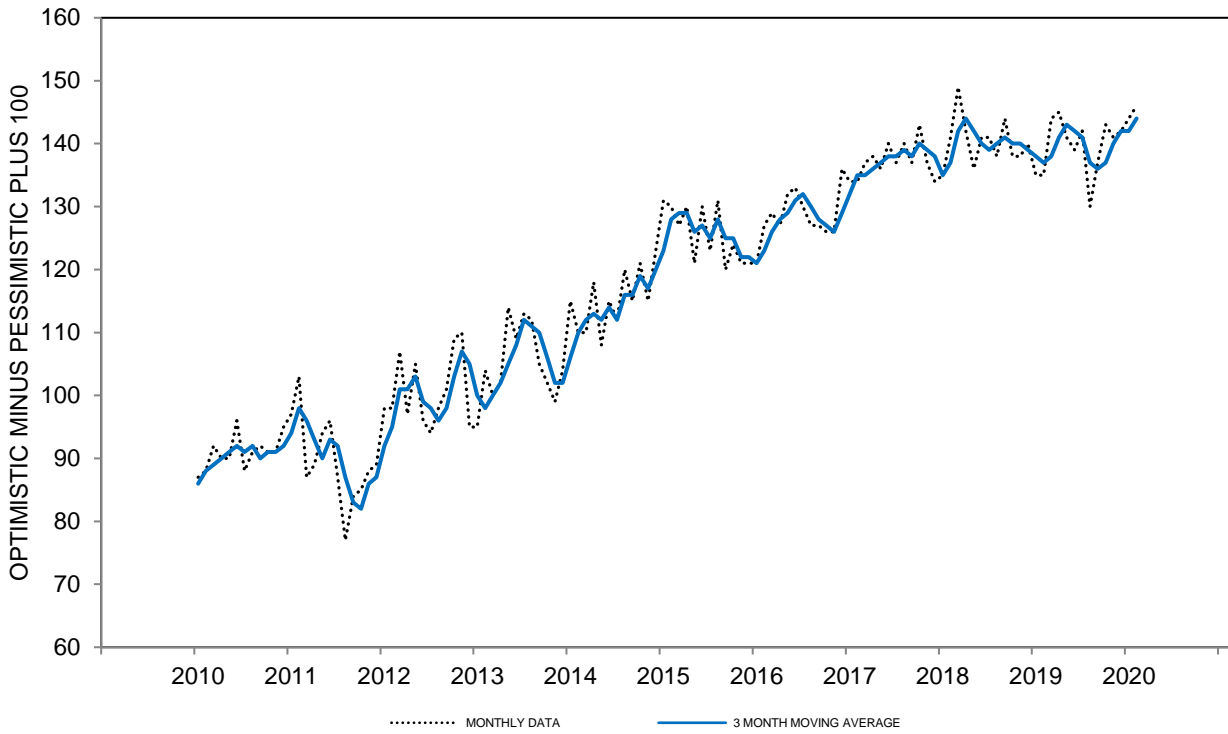


CHART 9: ANNUAL TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

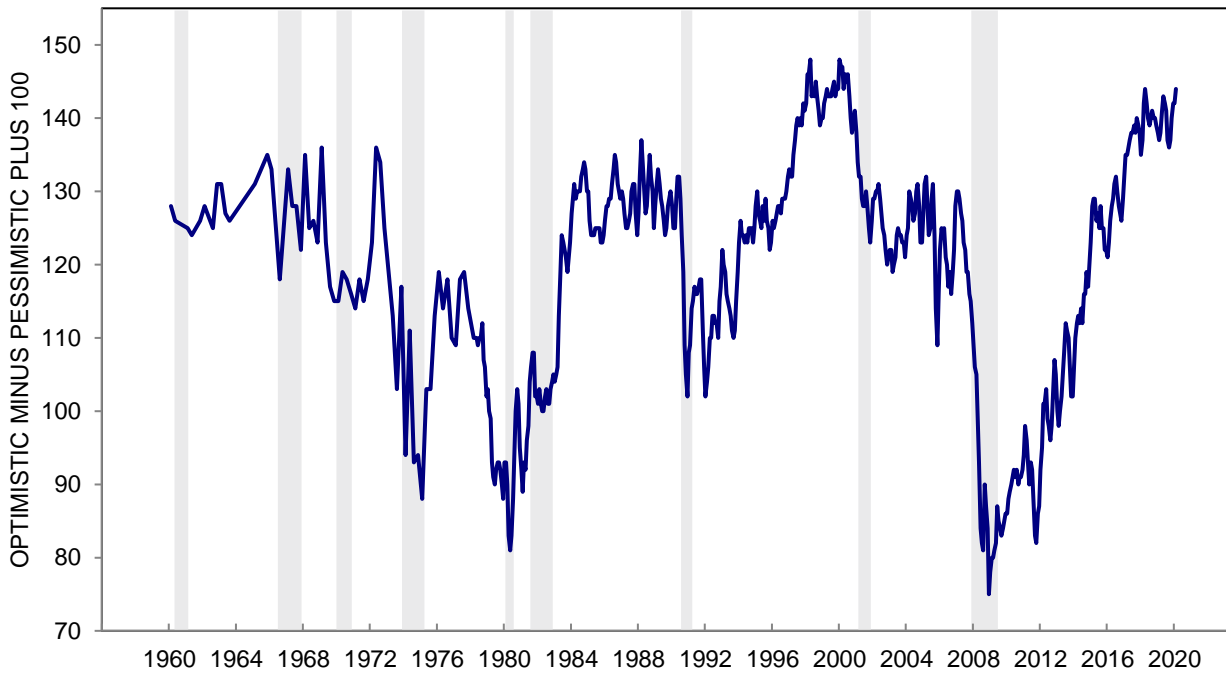


TABLE 10**CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
BETTER OFF	65%	69%	65%	65%	65%	68%	65%	64%	67%	64%	69%	70%	69%
SAME	10	10	11	10	10	9	11	10	10	11	10	10	8
WORSE OFF	25	21	23	24	24	23	23	25	22	25	21	20	22
DK, NA	*	*	1	1	1	*	1	1	1	*	*	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	140	148	142	141	141	145	142	139	145	139	148	150	147

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

All	142	144	143	144	141	142	143	142	142	141	144	146	148
Age 18 to 44	157	160	157	156	154	156	158	159	160	159	160	160	160
Age 45 to 64	137	141	143	142	136	137	138	141	140	139	141	142	147
Age 65+	124	124	124	128	128	128	122	116	116	118	126	132	134
Income Bottom Third	113	115	115	115	111	109	111	112	114	110	114	118	125
Income Middle Third	145	147	149	150	149	147	145	143	144	148	149	151	149
Income Top Third	169	169	167	167	167	172	172	172	167	163	165	165	169

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

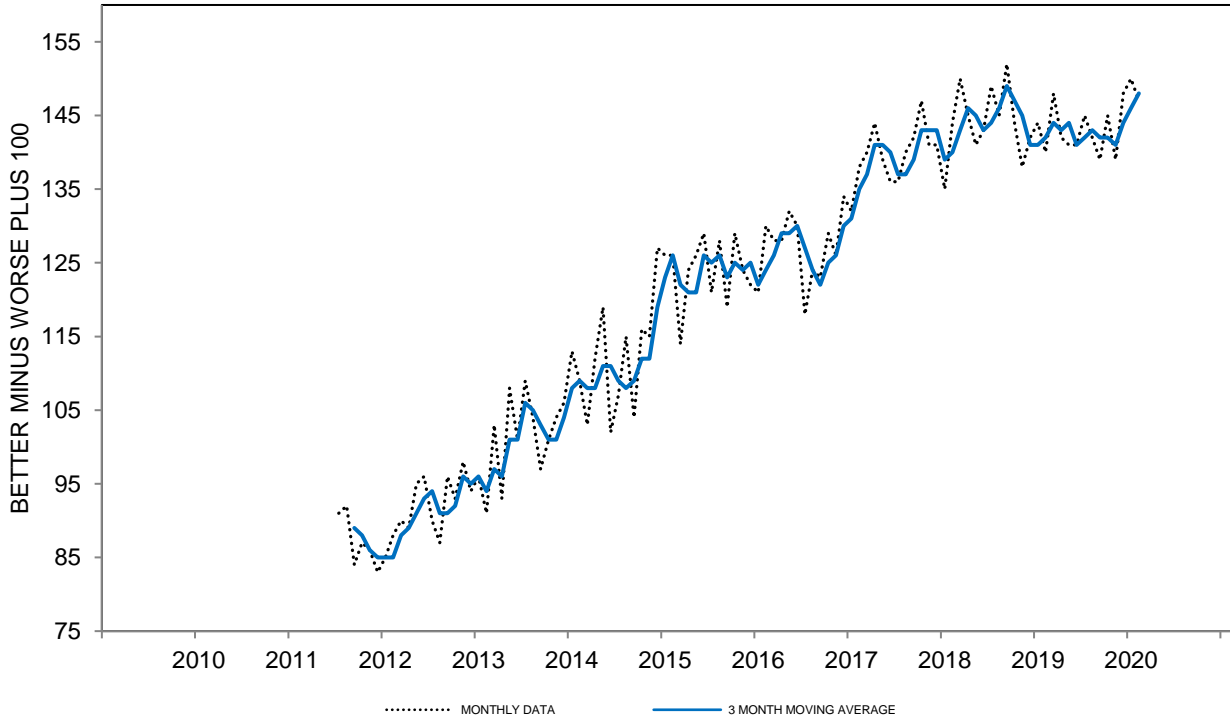


CHART 10: CURRENT FINANCIAL SITUATION COMPARED WITH 5 YEARS AGO

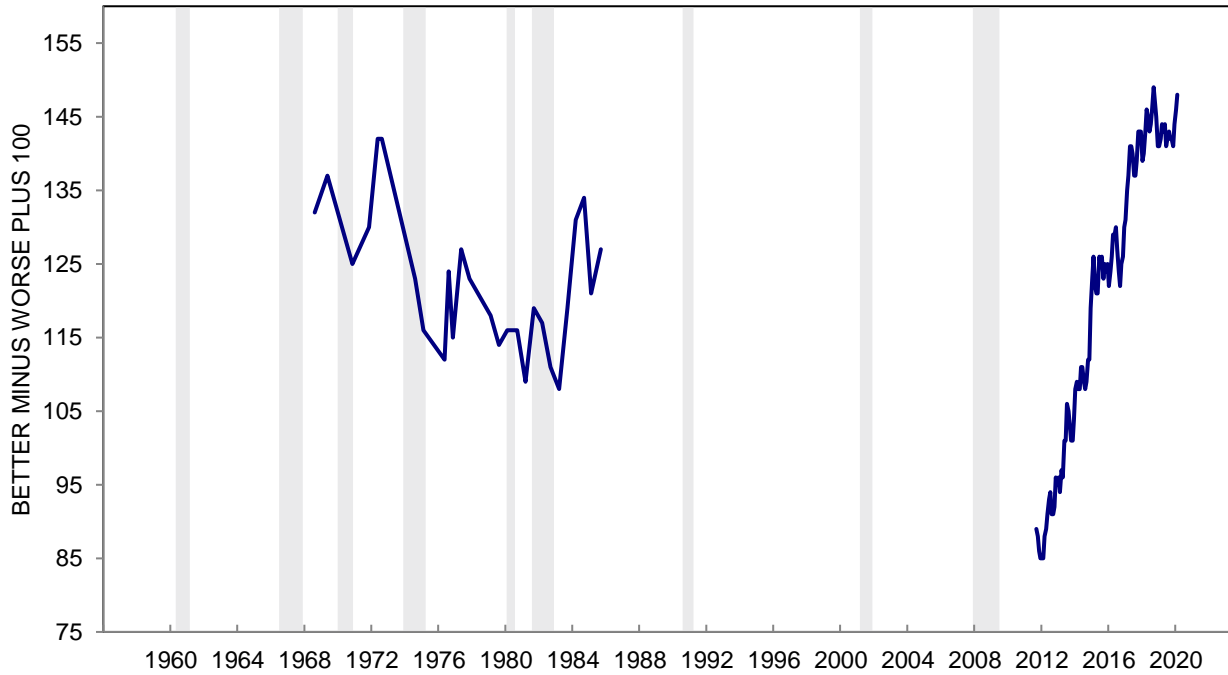


TABLE 11

EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
BETTER OFF	54%	55%	60%	53%	56%	52%	53%	53%	57%	53%	55%	53%	53%
SAME	31	31	28	32	30	32	29	30	29	32	30	32	34
WORSE OFF	11	11	10	10	10	13	14	13	10	12	12	9	11
DK, NA	4	3	2	5	4	3	4	4	4	3	3	6	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	143	144	150	143	146	139	139	140	147	141	143	144	142

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

All	141	143	146	146	146	143	141	139	142	143	144	143	143
Age 18 to 44	169	173	174	173	171	169	169	169	171	171	171	172	170
Age 45 to 64	136	137	141	142	143	138	136	135	138	140	140	139	138
Age 65+	106	107	110	109	113	108	104	100	104	108	110	108	109
Income Bottom Third	133	137	140	142	143	139	142	139	140	139	138	140	138
Income Middle Third	145	144	148	149	150	145	141	140	144	148	146	146	147
Income Top Third	146	147	150	149	149	146	143	141	144	141	147	143	145

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

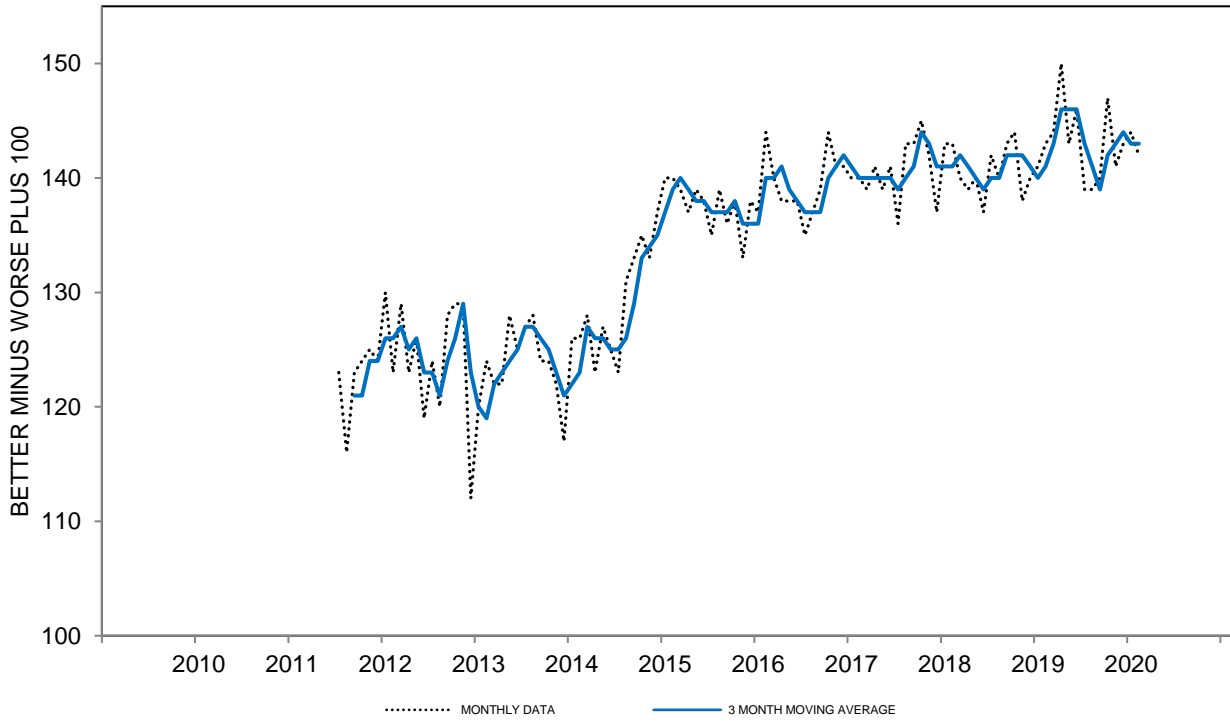


CHART 11: EXPECTED CHANGE IN FINANCIAL SITUATION IN 5 YEARS

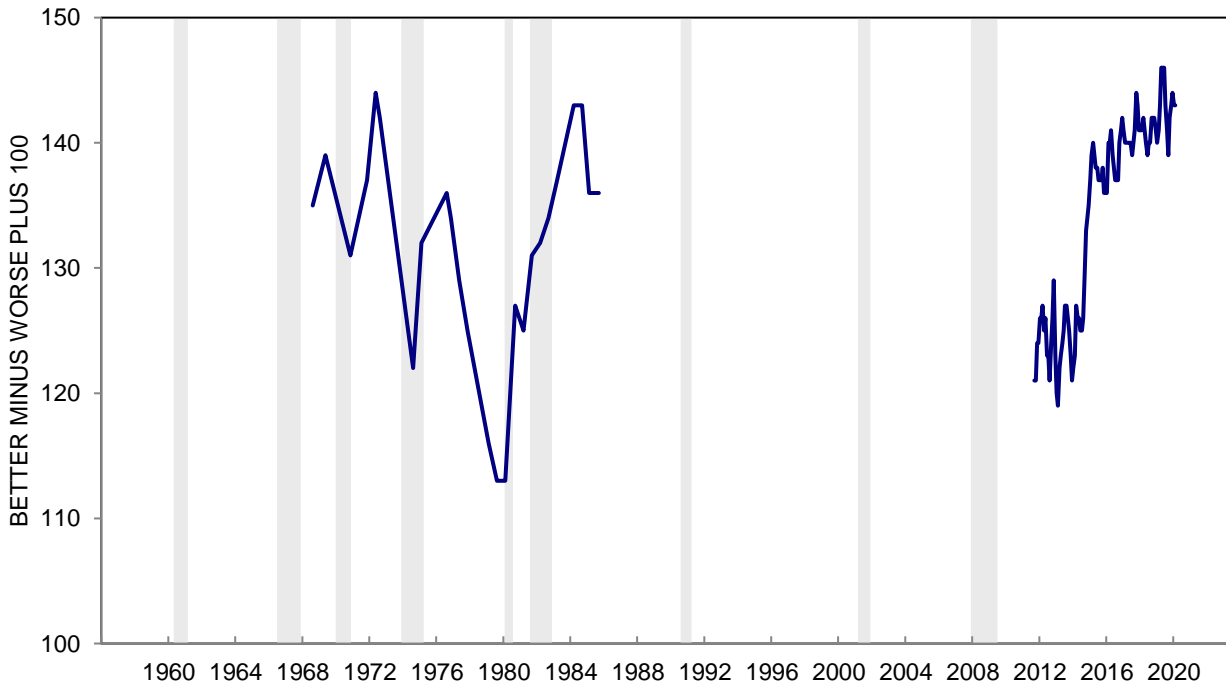


TABLE 12

FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCIAL SITUATION

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
Personal Financial Progress													
Continuous increase (a)	40%	43%	43%	40%	42%	40%	39%	39%	43%	40%	42%	41%	42%
Intermittent increase (b)	21	21	22	22	21	21	20	19	20	21	24	24	22
Remain unchanged (c)	5	6	4	6	5	5	6	6	6	5	4	6	5
Intermittent decline (d)	10	7	7	8	9	9	7	8	7	9	6	6	8
Continuous decline (e)	5	5	5	6	5	5	7	6	5	6	6	4	6
Mixed change (f)	14	14	16	12	14	16	18	18	14	16	15	13	13
DK, NA	5	4	3	6	4	4	3	4	5	3	3	6	4
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	146	152	153	148	149	147	145	144	151	146	154	155	150

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

All	149	150	150	151	150	148	147	145	147	147	150	152	153
Age 18 to 44	168	170	169	169	167	167	168	169	170	170	171	171	170
Age 45 to 64	144	147	151	149	146	143	142	143	143	145	148	149	152
Age 65+	124	124	123	126	129	125	120	113	116	119	125	128	130
Income Bottom Third	127	129	131	133	130	126	128	128	129	127	130	135	138
Income Middle Third	151	152	156	156	157	152	150	148	151	155	155	156	154
Income Top Third	168	168	167	167	167	169	167	164	163	159	164	163	168

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

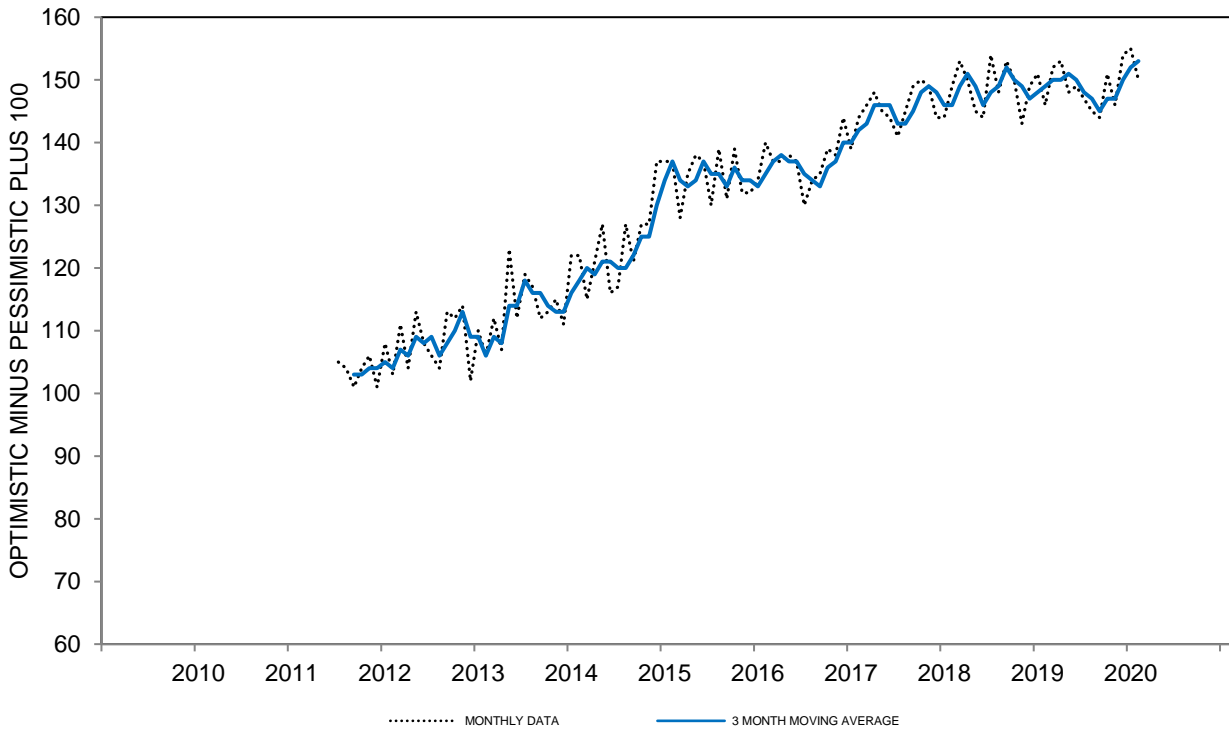


CHART 12: FIVE YEAR TREND IN PAST AND EXPECTED HOUSEHOLD FINANCES

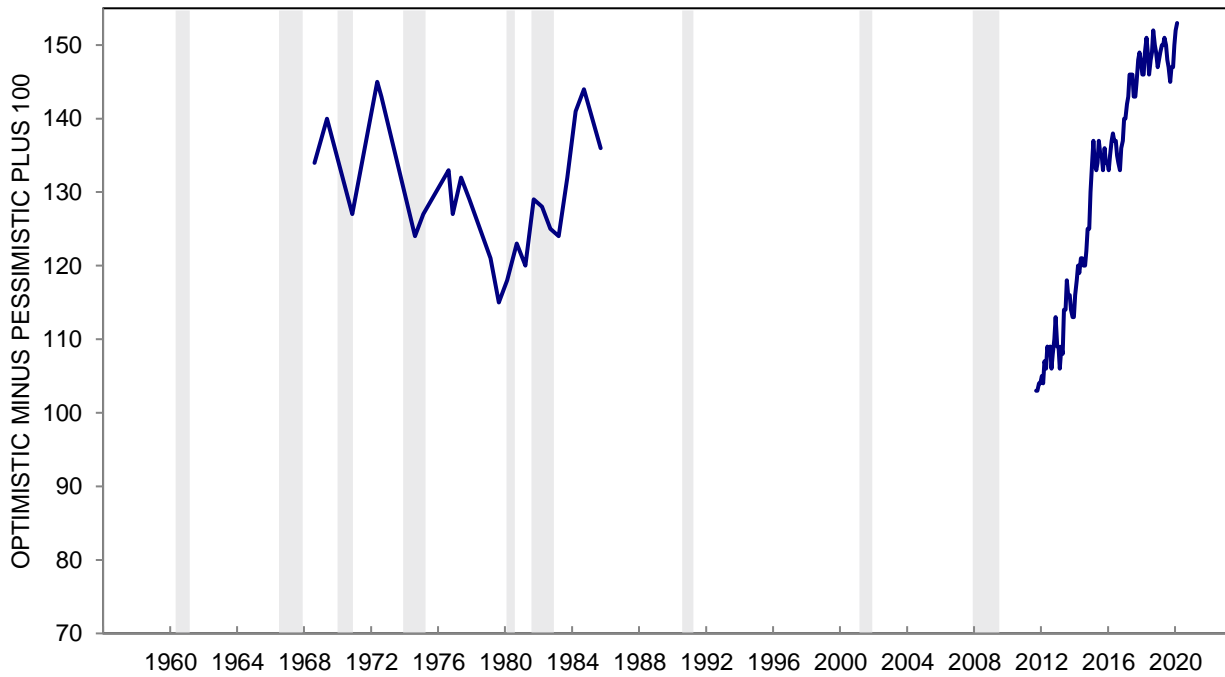


TABLE 13

EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
EXPECT INCREASE:													
1-2%	13%	13%	15%	15%	15%	16%	13%	11%	14%	14%	19%	15%	14%
3-4%	12	14	14	14	11	12	14	13	13	14	12	14	13
5%	10	10	8	8	10	8	8	10	9	9	12	11	10
6-9%	3	4	3	2	3	3	4	4	4	4	3	4	5
10-24%	12	13	12	14	13	13	11	11	15	13	13	11	12
25% or more	6	8	8	7	8	11	7	7	8	8	7	7	6
DK how much up	1	2	1	1	1	2	2	2	1	1	1	1	1
EXPECT SAME	29	25	26	26	25	24	27	29	23	26	22	25	27
EXPECT DOWN	13	11	12	13	14	11	14	13	13	11	11	11	11
DK, NA	1	*	1	*	*	*	*	*	*	*	*	1	1
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cases	601	600	601	602	602	602	601	601	650	631	634	621	620
MEDIAN	1.7	2.6	2.1	2.1	2.0	2.3	1.8	2.0	2.5	2.3	2.2	2.3	2.2

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

All	2.1	2.2	2.1	2.3	2.1	2.1	2.0	2.0	2.1	2.3	2.3	2.3	2.2
Age 18 to 44	4.2	4.7	4.3	3.9	3.7	4.1	4.1	3.8	3.8	4.2	4.4	4.3	3.9
Age 45 to 64	1.8	1.8	2.0	2.2	2.0	1.9	1.9	2.1	2.0	2.3	2.2	2.3	2.3
Age 65+	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.5	0.6	0.5
Income Bottom Third	1.4	1.0	0.9	0.9	0.8	1.1	1.3	1.2	0.9	1.2	1.4	1.5	1.0
Income Middle Third	1.7	2.0	2.0	2.3	2.2	2.2	2.0	2.0	2.1	2.3	2.3	2.1	2.3
Income Top Third	3.0	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.9	2.8	2.9	2.9	3.0

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

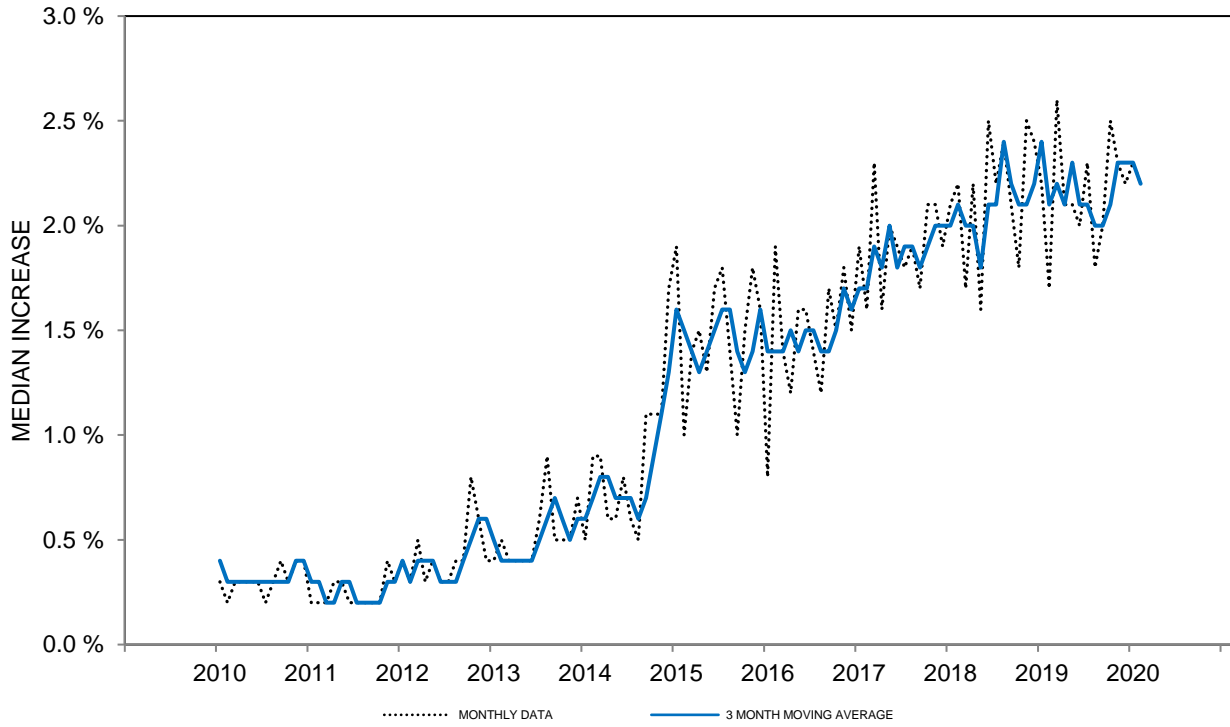


CHART 13: EXPECTED CHANGE IN HOUSEHOLD INCOME DURING THE NEXT YEAR

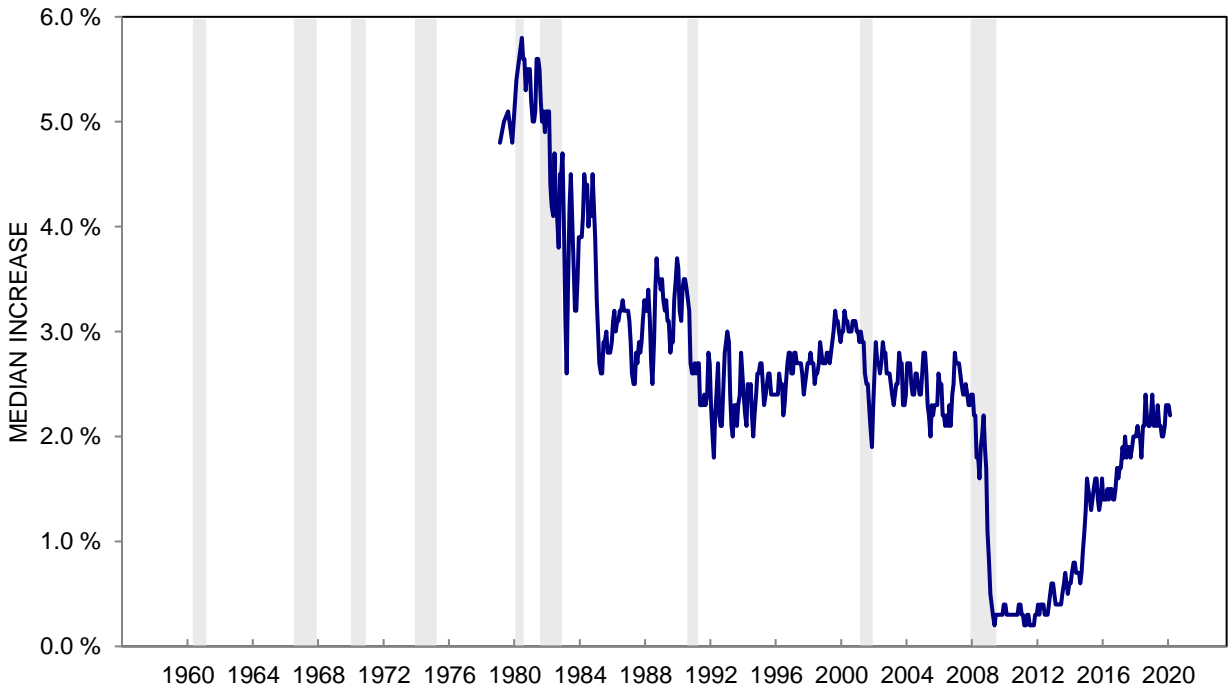


TABLE 14

EXPECTED CHANGE IN REAL HOUSEHOLD INCOME DURING THE NEXT YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
INCOME UP MORE	28%	27%	24%	25%	26%	28%	23%	25%	28%	25%	27%	25%	28%
INCOME UP SAME	36	42	40	38	33	35	38	38	40	41	36	37	38
PRICES UP MORE	35	30	34	36	39	36	37	35	30	33	36	36	34
DK, NA	1	1	2	1	2	1	2	2	2	1	1	2	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	93	97	90	89	87	92	86	90	98	92	91	89	94

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

All	92	94	93	92	89	89	88	89	91	93	94	91	91
Age 18 to 44	112	118	117	113	108	108	107	108	111	115	115	112	107
Age 45 to 64	85	86	85	86	84	86	83	86	89	91	90	85	90
Age 65+	72	72	69	68	65	65	64	65	67	68	72	70	71
Income Bottom Third	74	72	71	69	69	72	74	76	77	78	78	76	74
Income Middle Third	86	91	92	95	92	91	86	87	90	94	93	88	90
Income Top Third	116	119	116	111	105	105	106	107	107	108	109	108	110

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

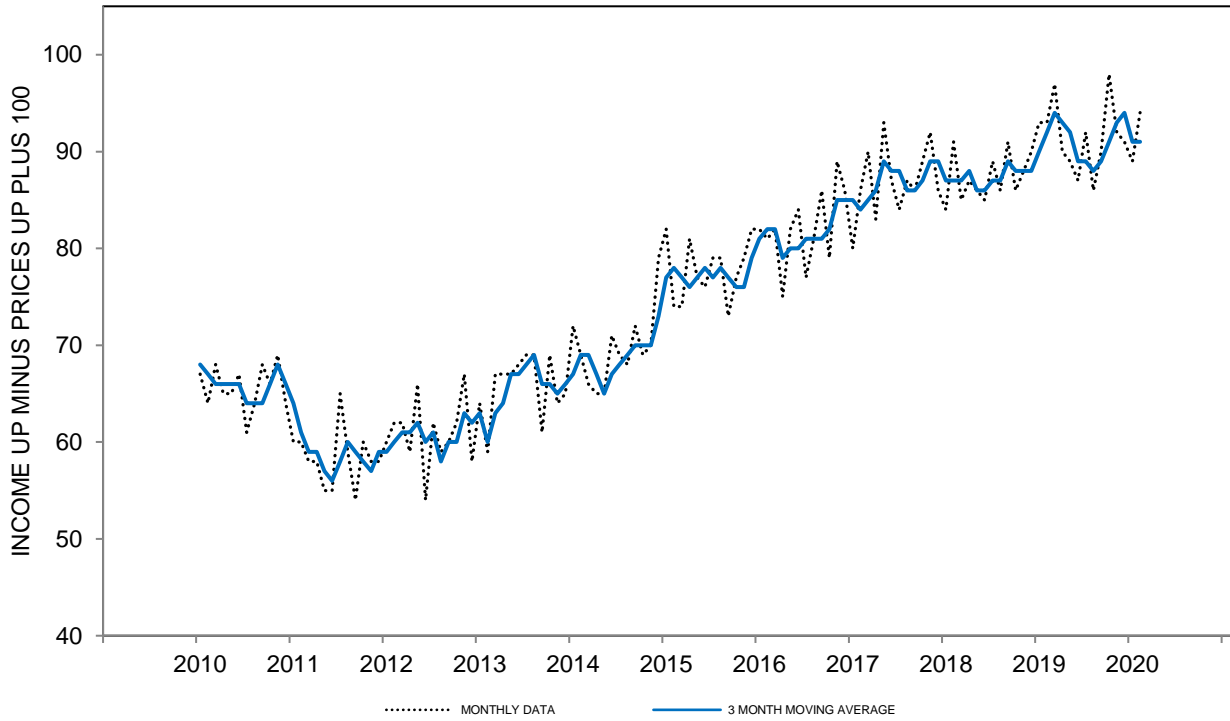


CHART 14: EXPECTED CHANGE IN REAL INCOME DURING THE NEXT YEAR

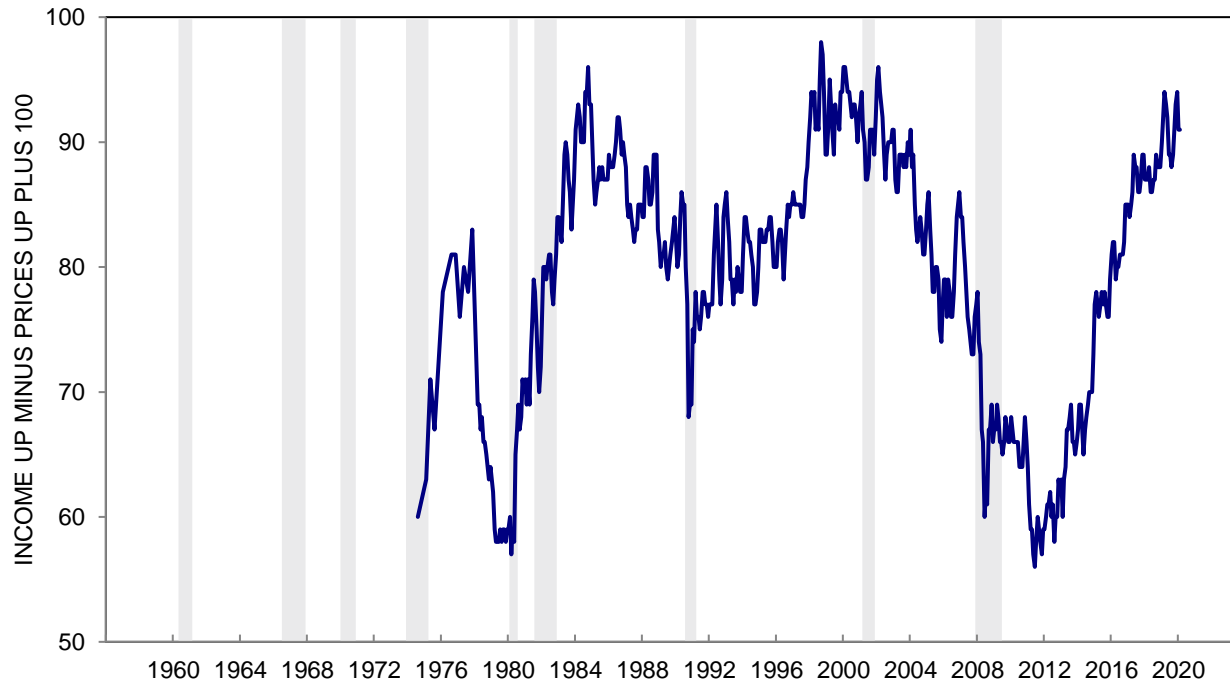


TABLE 15**PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE NEXT YEAR**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
0%	20%	16%	14%	15%	16%	13%	17%	16%	13%	14%	16%	16%	14%
1 - 24%	14	16	13	14	14	13	15	14	15	16	15	12	13
25 - 49%	4	5	7	7	6	5	4	7	7	8	6	7	7
50%	13	11	14	12	12	13	13	14	12	9	12	14	12
51 - 74%	8	8	8	8	10	9	8	7	6	8	9	7	9
75 - 99%	24	22	22	21	22	23	24	23	24	22	22	24	25
100%	16	21	22	22	19	23	18	19	22	22	19	19	19
DK, NA	1	1	*	1	1	1	1	*	1	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
MEAN	52	55	57	55	53	58	53	53	56	55	54	55	56

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

All	54	53	54	55	55	55	55	55	54	55	55	55	55
Age 18 to 44	68	68	68	68	67	68	68	69	69	70	70	68	66
Age 45 to 64	51	50	54	56	55	54	53	54	51	53	53	55	55
Age 65+	36	34	33	34	35	36	35	34	36	36	37	36	38
Income Bottom Third	44	41	43	45	45	46	48	47	45	45	46	48	46
Income Middle Third	54	55	57	59	59	58	57	57	58	59	58	57	58
Income Top Third	63	63	64	64	63	63	62	62	62	62	63	62	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

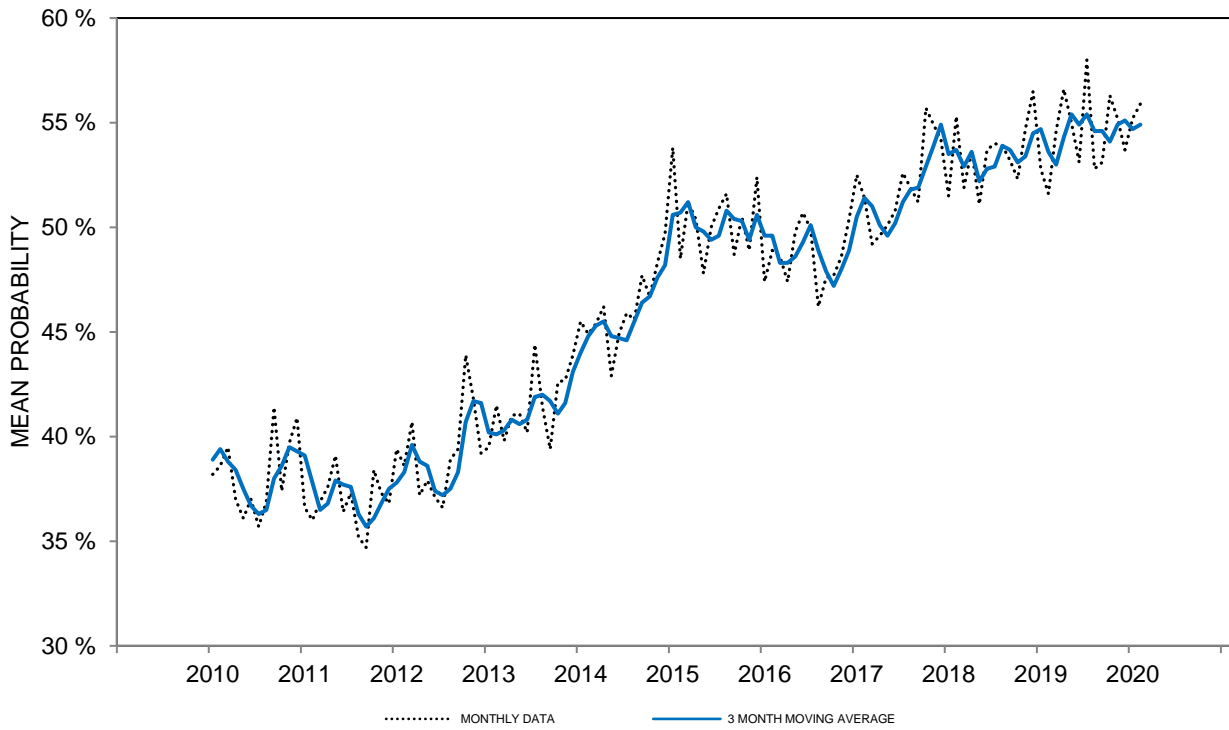


CHART 15: PROBABILITY THAT PERSONAL INCOME WILL INCREASE DURING THE YEAR AHEAD

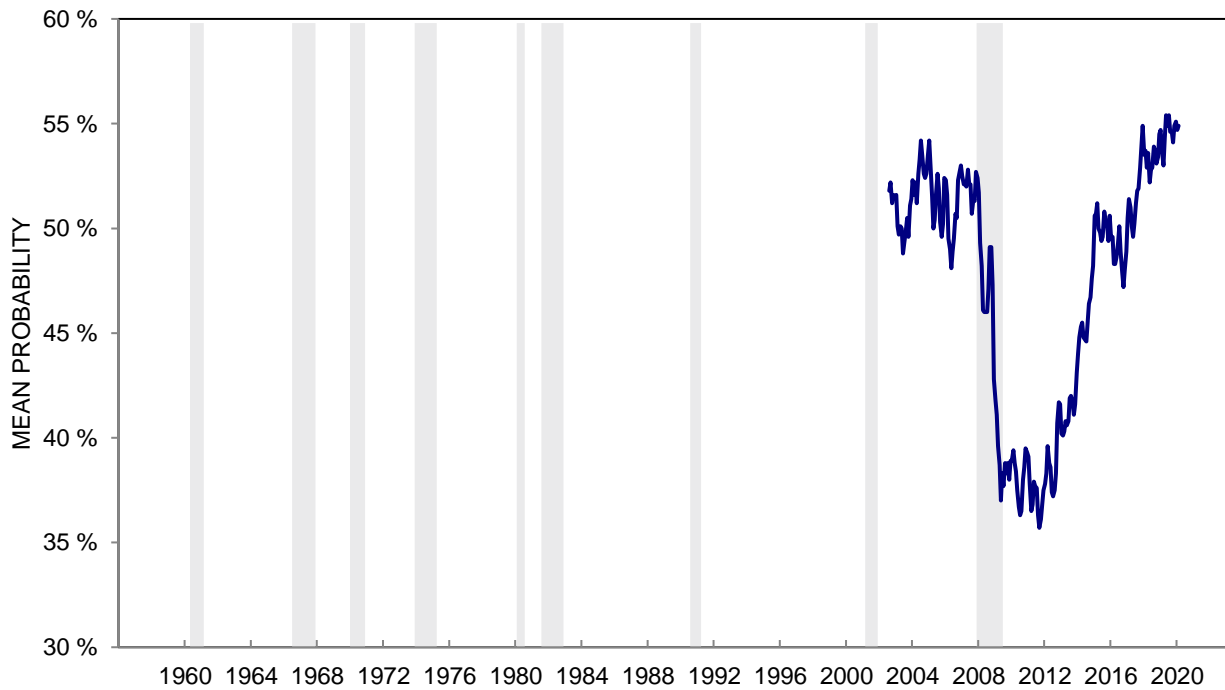


TABLE 16**PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
0%	16%	12%	12%	12%	14%	11%	15%	13%	11%	13%	12%	11%	15%
1 - 24%	26	25	22	27	25	25	24	26	23	27	27	26	22
25 - 49%	9	11	13	12	11	14	14	13	13	10	10	13	11
50%	14	16	19	18	18	14	14	16	17	16	16	17	14
51 - 74%	8	10	9	8	9	8	8	7	8	9	9	8	11
75 - 99%	21	16	18	16	16	20	18	18	18	16	16	17	19
100%	5	8	6	7	6	8	6	6	8	8	9	7	7
DK, NA	1	2	1	*	1	*	1	1	2	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
MEAN	42	44	43	42	41	45	41	41	45	43	43	43	44

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

All	43	43	43	43	42	43	42	42	42	43	44	43	43
Age 18 to 44	55	56	56	55	53	54	54	54	55	58	58	56	54
Age 45 to 64	40	41	41	41	39	40	41	41	39	38	40	40	42
Age 65+	29	28	28	29	30	28	28	27	28	28	29	28	29
Income Bottom Third	35	34	34	34	34	35	35	35	35	36	37	36	35
Income Middle Third	41	42	44	44	43	42	41	41	42	43	44	44	45
Income Top Third	52	54	53	53	51	52	52	52	51	50	51	49	50

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

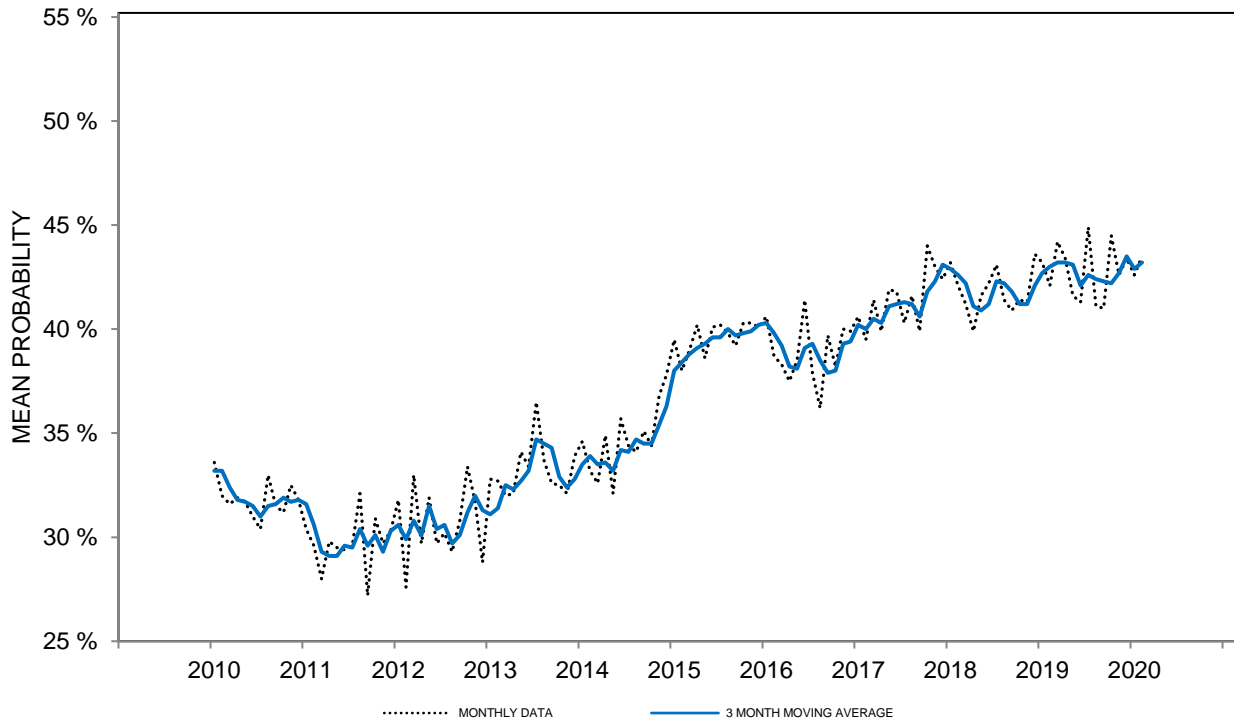


CHART 16: PROBABILITY OF REAL INCOME GAINS DURING THE NEXT 5 YEARS

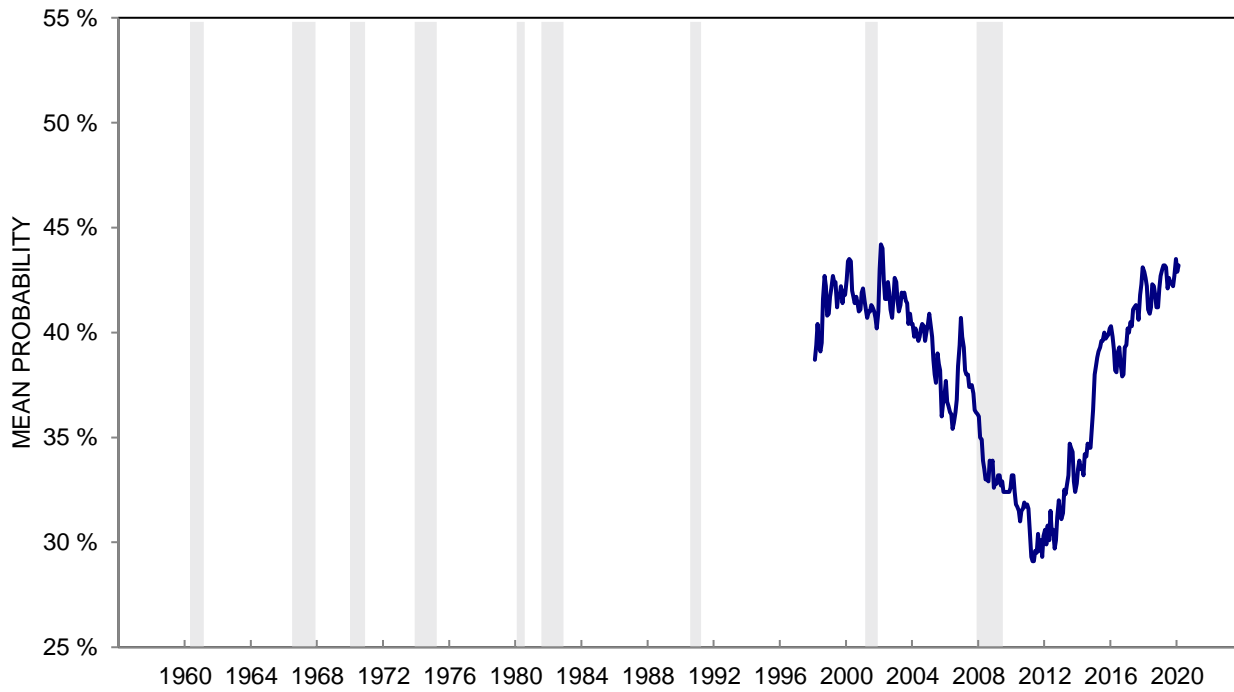


TABLE 17

PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
0%	45%	47%	45%	46%	43%	45%	46%	47%	45%	47%	43%	47%	46%
1 - 24%	29	29	29	30	31	28	27	30	30	26	32	29	31
25 - 49%	11	8	7	8	8	11	10	8	9	10	7	9	8
50%	8	9	10	9	10	9	10	7	7	9	8	7	9
51 - 74%	2	2	3	2	2	3	2	2	2	3	2	3	2
75 - 99%	3	3	4	3	3	3	3	5	3	4	4	3	2
100%	2	1	2	2	3	1	2	1	3	1	4	2	1
DK, NA	*	1	*	*	*	*	*	*	1	*	*	*	1
TOTAL CASES	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	601	600	601	602	602	602	601	601	650	631	634	621	620
MEAN	17	16	18	16	18	17	18	16	17	17	18	17	16

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

All	17	17	17	17	17	17	18	17	17	17	18	17	17
Age 18 to 44	25	24	24	23	23	22	22	22	24	24	25	24	23
Age 45 to 64	17	16	17	18	19	19	19	19	18	18	18	18	19
Age 65+	6	6	4	5	6	8	9	8	6	5	6	7	6
Income Bottom Third	18	17	18	17	18	18	19	18	19	18	18	19	17
Income Middle Third	18	17	16	16	16	17	17	16	15	15	17	17	17
Income Top Third	17	17	17	17	18	17	17	17	17	18	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

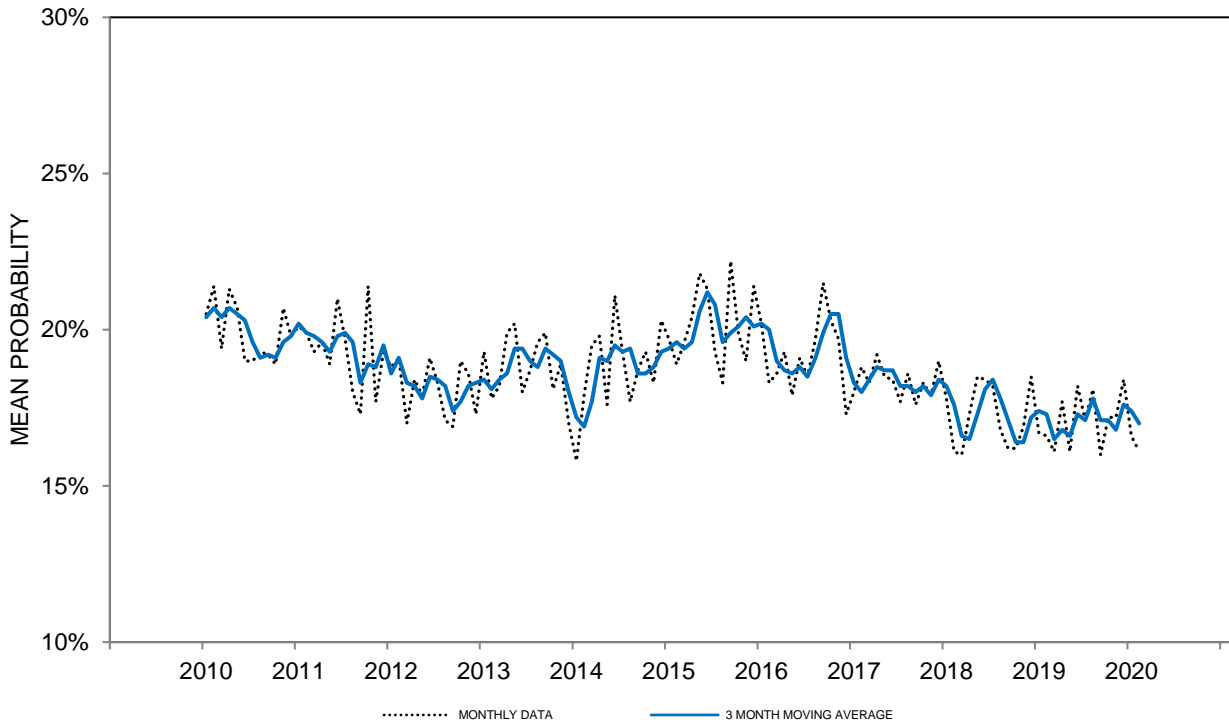


CHART 17: PROBABILITY OF LOSING A JOB DURING THE NEXT 5 YEARS

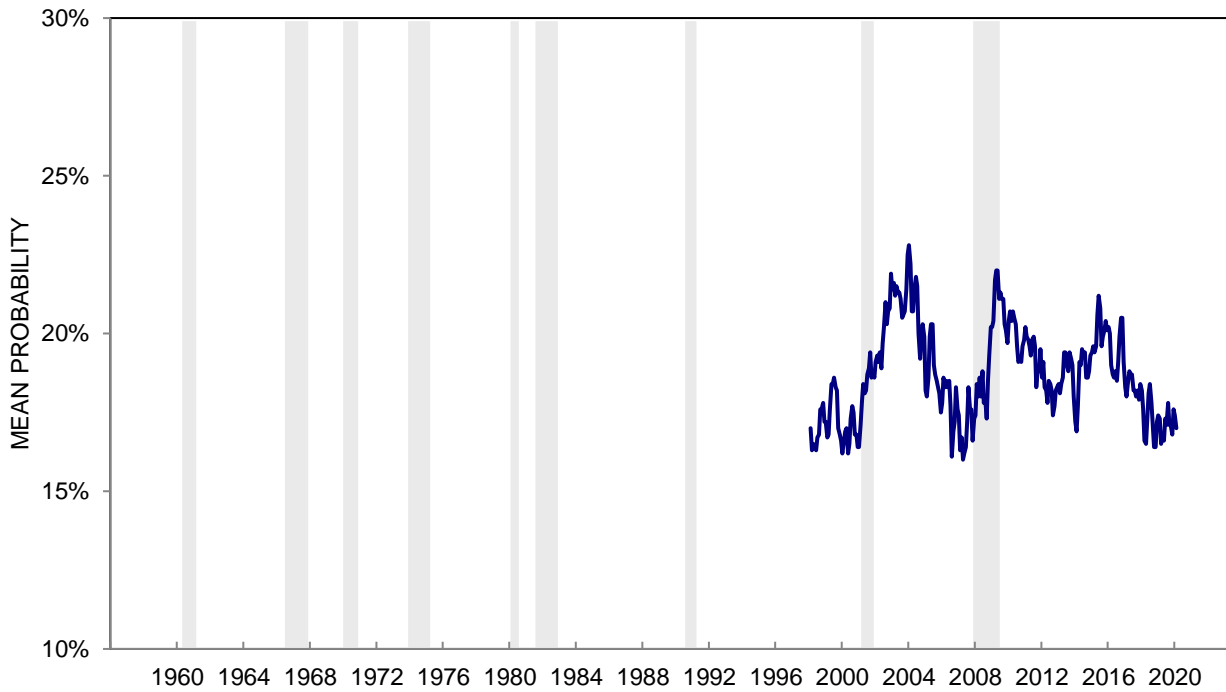


TABLE 18

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

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
0%	21%	19%	21%	20%	21%	19%	19%	20%	18%	23%	18%	19%	19%
1 - 24%	24	26	23	24	24	26	24	21	25	20	21	24	19
25 - 49%	11	12	11	10	11	12	12	11	10	11	12	10	15
50%	12	13	11	14	15	14	14	15	14	12	14	11	13
51 - 74%	8	8	7	7	5	6	7	9	7	9	9	8	8
75 - 99%	16	13	20	17	17	16	15	15	17	17	16	19	20
100%	7	8	6	7	6	6	8	8	7	7	9	8	5
DK, NA	1	1	1	1	1	1	1	1	2	1	1	1	1
TOTAL CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
MEAN	38	38	39	39	38	37	40	40	40	40	41	41	41

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

All	38	39	39	39	39	38	38	39	40	40	40	41	41
Age 18 to 44	35	34	34	34	35	34	33	34	36	37	36	37	36
Age 45 to 64	39	39	40	40	40	39	40	39	39	39	40	41	42
Age 65+	43	44	44	45	44	44	44	46	47	45	46	46	47
Income Bottom Third	33	33	34	34	33	33	32	33	33	32	33	35	36
Income Middle Third	39	38	36	37	39	38	39	38	41	41	43	41	40
Income Top Third	42	43	45	44	43	42	43	46	46	45	44	45	46

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

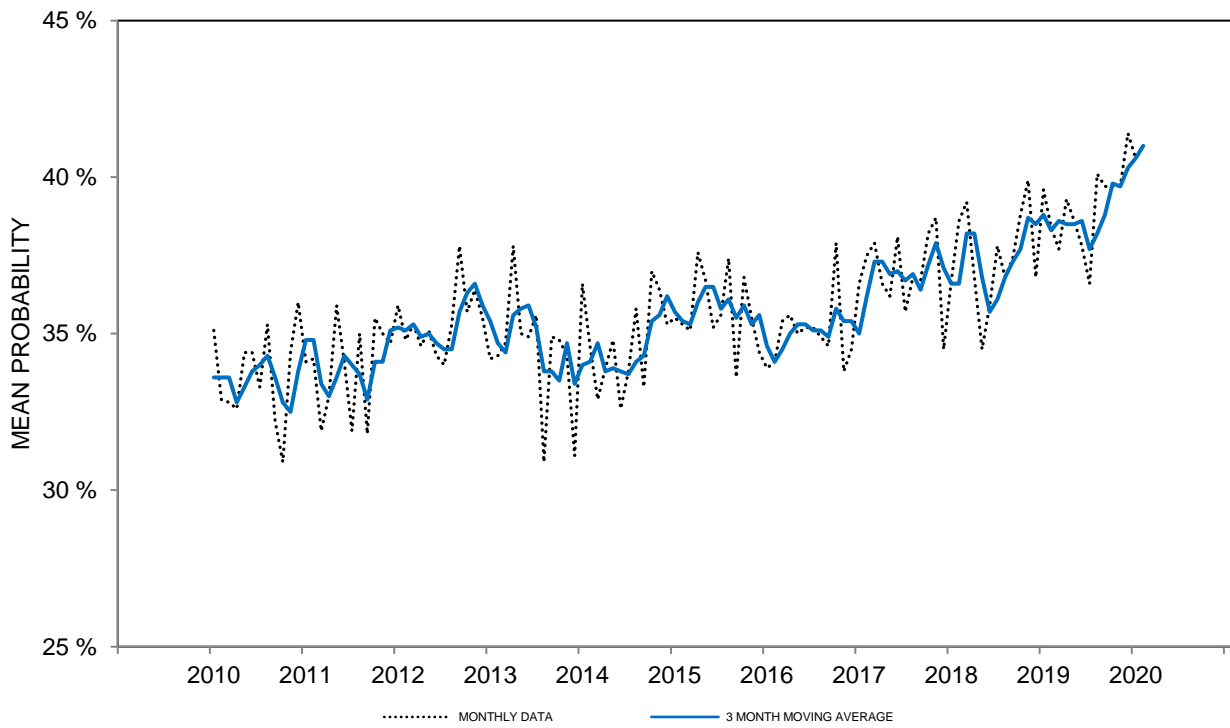


CHART 18: PROBABILITY THAT SOCIAL SECURITY AND PENSIONS WILL PROVIDE ADEQUATE RETIREMENT INCOME

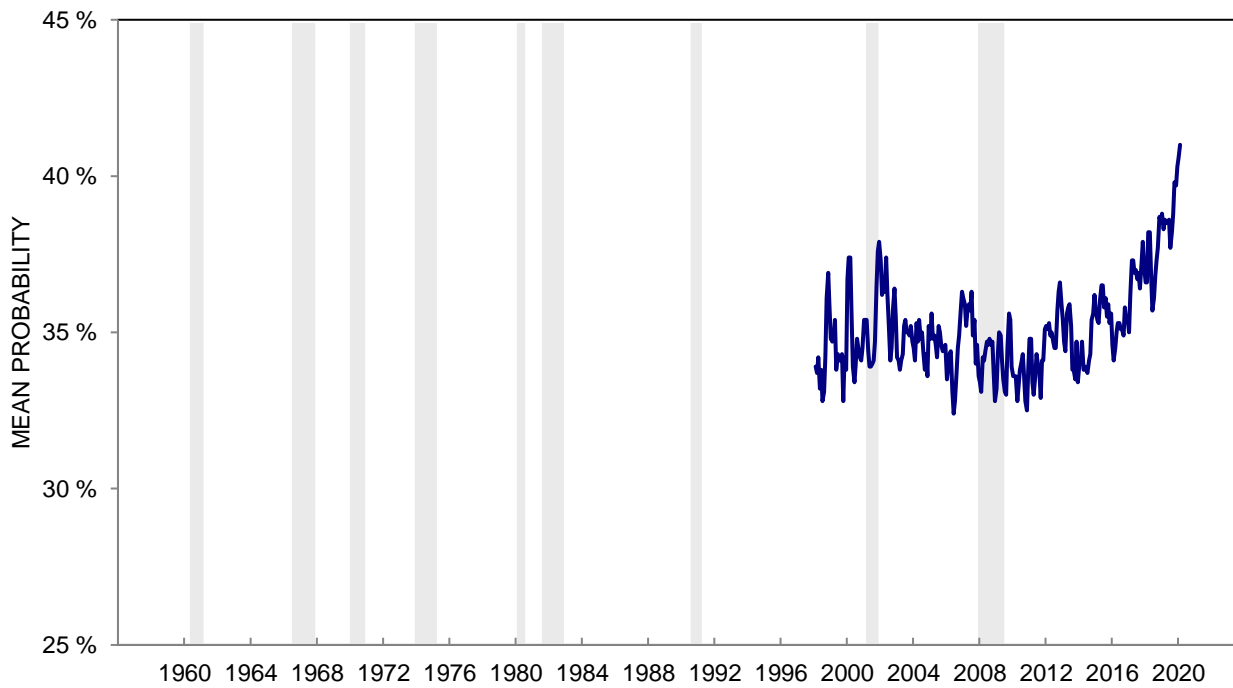


TABLE 19

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

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GONE UP	34%	30%	28%	29%	31%	32%	26%	29%	35%	27%	35%	33%	33%
STAY THE SAME	42	46	45	48	45	46	44	45	43	48	43	48	47
GONE DOWN	24	22	27	23	24	22	30	26	21	25	22	19	19
DK, NA	*	2	*	*	*	*	*	*	1	*	*	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	110	108	101	106	107	110	96	103	114	102	113	114	114

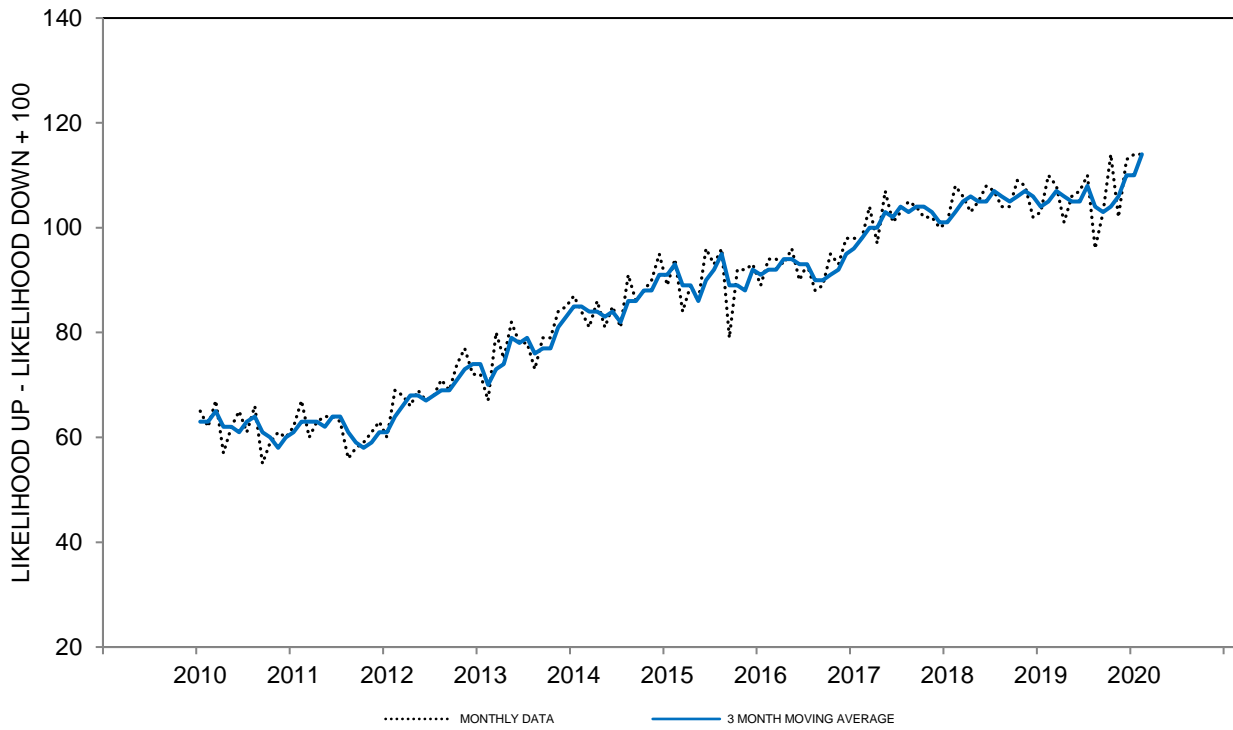
**CHANGE IN LIKELIHOOD OF A COMFORTABLE RETIREMENT COMPARED WITH 5 YEARS AGO - INDEX SCORE
THREE MONTH MOVING AVERAGES**

All	105	107	106	105	105	108	104	103	104	106	110	110	114
Age 18 to 44	101	107	107	104	104	108	105	104	106	111	113	112	111
Age 45 to 64	108	109	110	107	106	107	105	103	103	104	107	110	118
Age 65+	108	105	101	104	105	109	103	101	103	103	108	107	113
Income Bottom Third	84	86	85	83	82	84	79	81	84	89	93	93	92
Income Middle Third	101	103	104	104	106	109	108	101	105	105	111	111	115
Income Top Third	128	129	130	128	128	130	127	127	124	123	123	126	133

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**

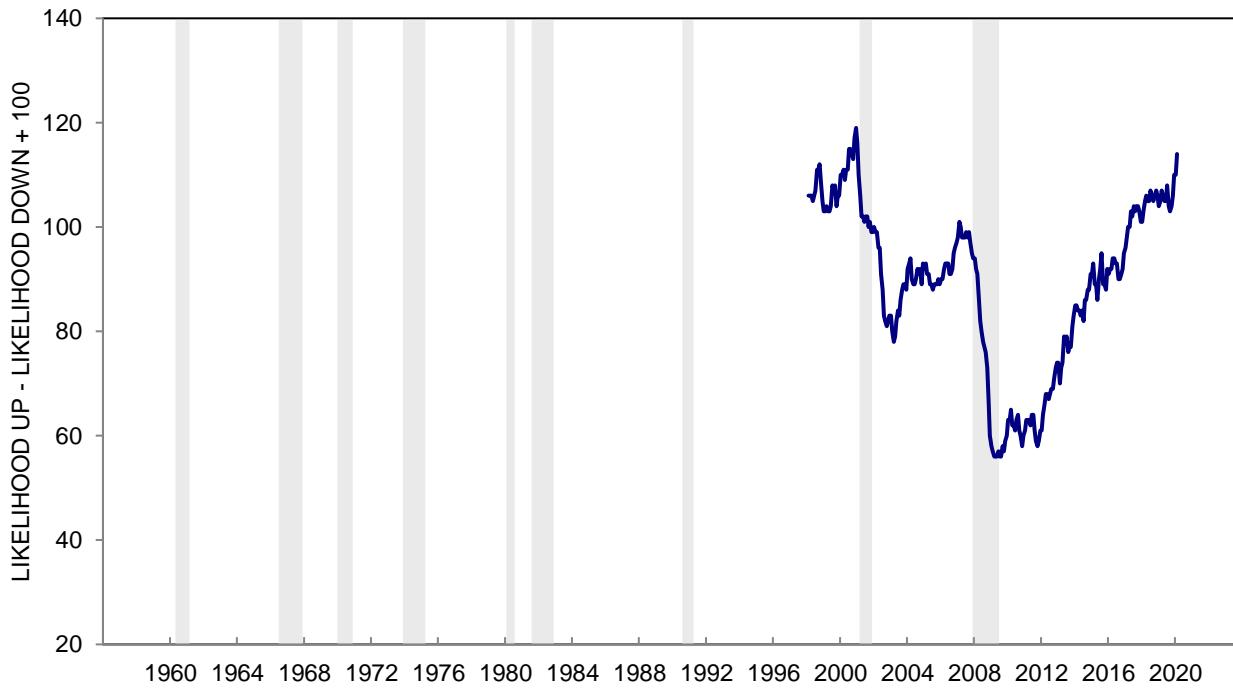


TABLE 20

PROBABILITY OF INCREASE IN STOCK MARKET PRICES IN THE NEXT YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
0%	2%	1%	1%	1%	2%	1%	3%	3%	3%	1%	1%	1%	2%
1 - 24%	16	15	15	12	14	10	15	17	17	14	12	11	9
25 - 49%	9	8	9	8	8	7	13	9	8	8	6	4	6
50%	19	17	16	14	16	19	15	18	18	15	17	17	17
51 - 74%	13	16	13	17	16	15	13	14	14	17	16	15	15
75 - 99%	32	33	31	33	32	36	27	28	30	32	33	40	34
100%	8	9	14	12	12	11	12	10	9	11	14	12	14
DK, NA	1	1	1	3	*	1	2	1	1	2	1	*	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	416	433	414	403	412	404	402	425	448	454	441	439	458
MEAN	57	59	61	63	61	64	57	57	57	61	64	66	66

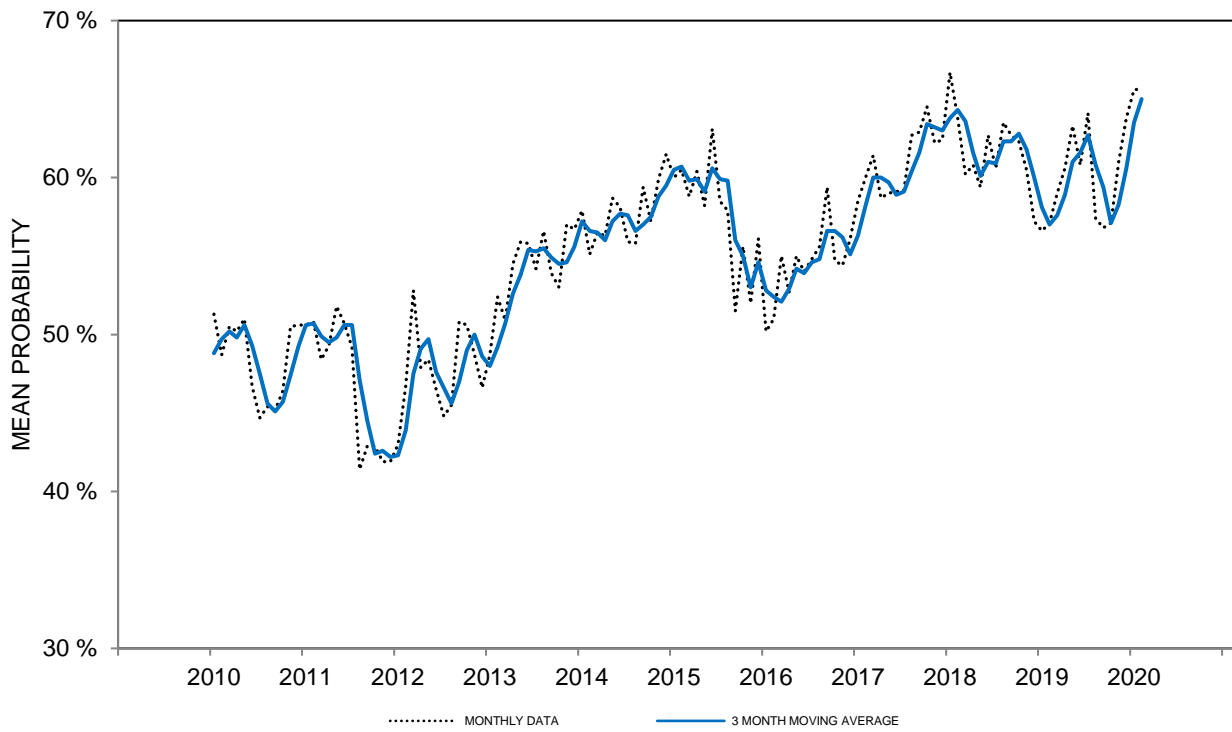
**PROBABILITY OF INCREASE IN STOCK MARKET PRICES IN THE NEXT YEAR - MEAN
THREE MONTH MOVING AVERAGES**

All	57	58	59	61	62	63	61	59	57	58	61	64	65
Age 18 to 44	60	61	62	63	64	64	62	59	58	61	65	67	68
Age 45 to 64	57	58	60	63	61	63	62	62	58	57	59	63	66
Age 65+	53	53	53	55	58	60	57	55	54	56	57	60	59
Income Bottom Third	53	55	56	58	57	57	55	54	53	52	55	58	61
Income Middle Third	58	59	60	61	62	63	61	61	58	60	61	64	65
Income Top Third	58	58	60	63	64	65	63	61	59	61	64	66	67

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**

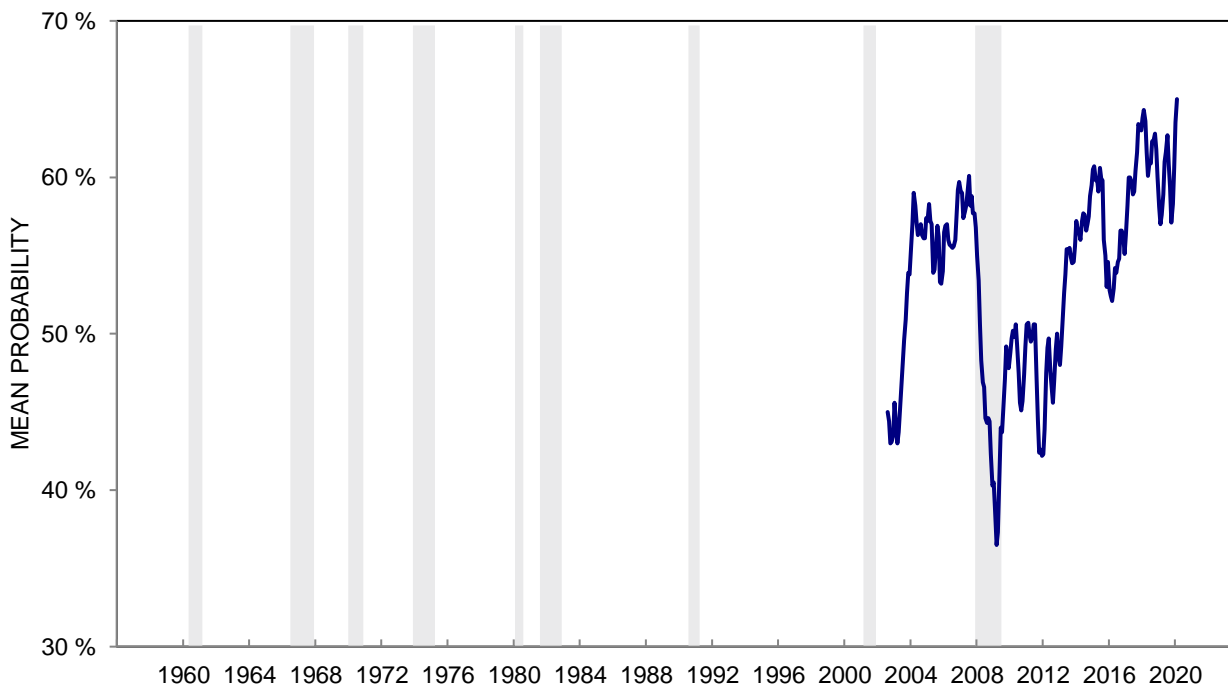


TABLE 21

CURRENT VALUE OF STOCK MARKET INVESTMENTS

THREE MONTH MOVING AVERAGES

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
UNDER \$10,000	10%	9%	9%	9%	9%	8%	9%	9%	11%	10%	12%	10%	11%
\$10,000-24,999	9	8	9	10	11	10	8	7	7	8	8	8	8
\$25,000-49,999	8	8	7	7	7	7	7	7	7	8	8	8	7
\$50,000-99,999	12	12	11	11	11	12	12	12	10	10	10	11	11
\$100,000-199,999	13	13	14	13	13	13	13	12	13	12	13	12	13
\$200,000-499,999	17	18	17	18	17	18	18	17	16	15	15	17	17
\$500,000 AND UP	18	19	20	20	21	20	20	21	21	21	21	22	21
DK/NA	13	13	13	12	11	12	13	15	15	16	13	12	12
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1270	1276	1263	1250	1229	1219	1218	1231	1275	1327	1343	1334	1338
MEDIAN (1,000's)	119	126	125	131	139	130	137	141	135	135	120	127	129
25th PERCENTILE (1,000's)	33	35	35	32	31	35	39	40	33	31	28	33	34
75th PERCENTILE (1,000's)	370	403	419	424	424	394	421	453	456	455	423	434	439
INTERQUARTILE RANGE (75th-25th) (1,000's)	336	368	384	392	393	359	383	413	423	423	396	401	405

CURRENT VALUE OF STOCK MARKET INVESTMENTS - MEDIAN

THREE MONTH MOVING AVERAGES

All	119	126	125	131	139	130	137	141	135	135	120	127	129
Age 18 to 44	48	50	49	43	42	46	50	48	42	41	40	43	45
Age 45 to 64	184	217	218	221	221	221	244	232	226	212	202	208	219
Age 65+	286	321	330	315	316	291	306	317	269	265	285	358	351
Income Bottom Third	24	30	34	31	30	24	22	29	31	32	20	24	32
Income Middle Third	93	93	87	78	82	80	93	97	95	86	81	88	86
Income Top Third	246	251	259	286	312	294	282	296	310	353	304	304	296

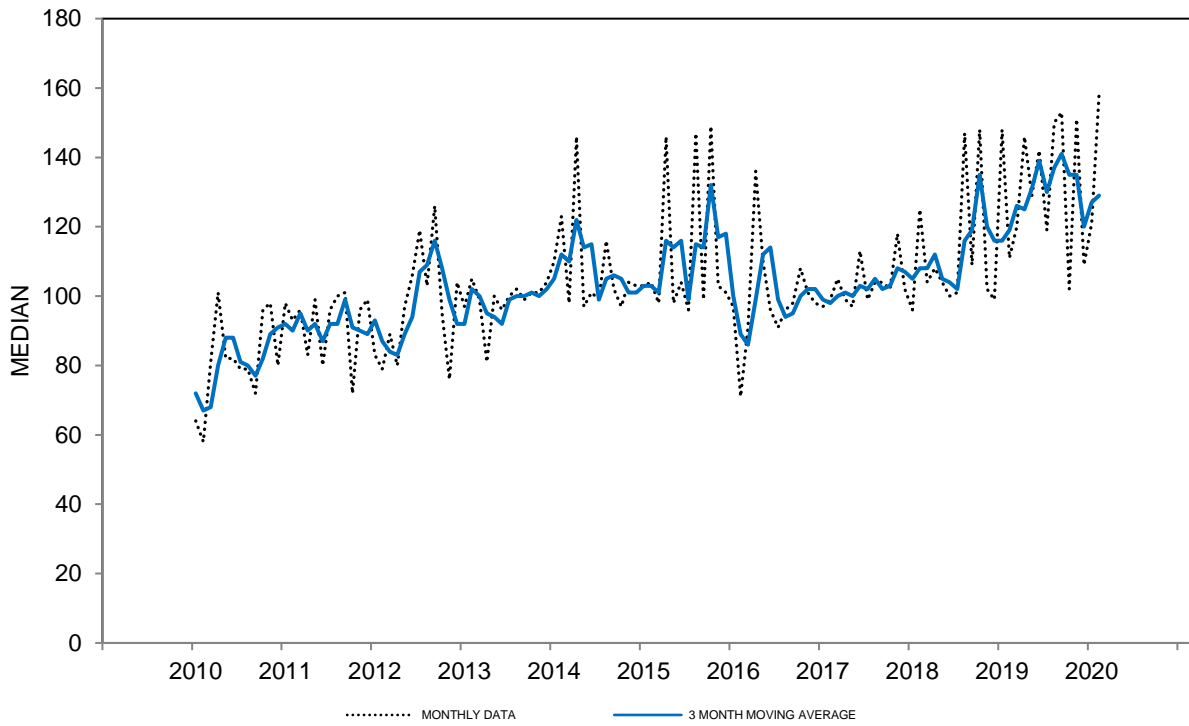
The questions were:

"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)**

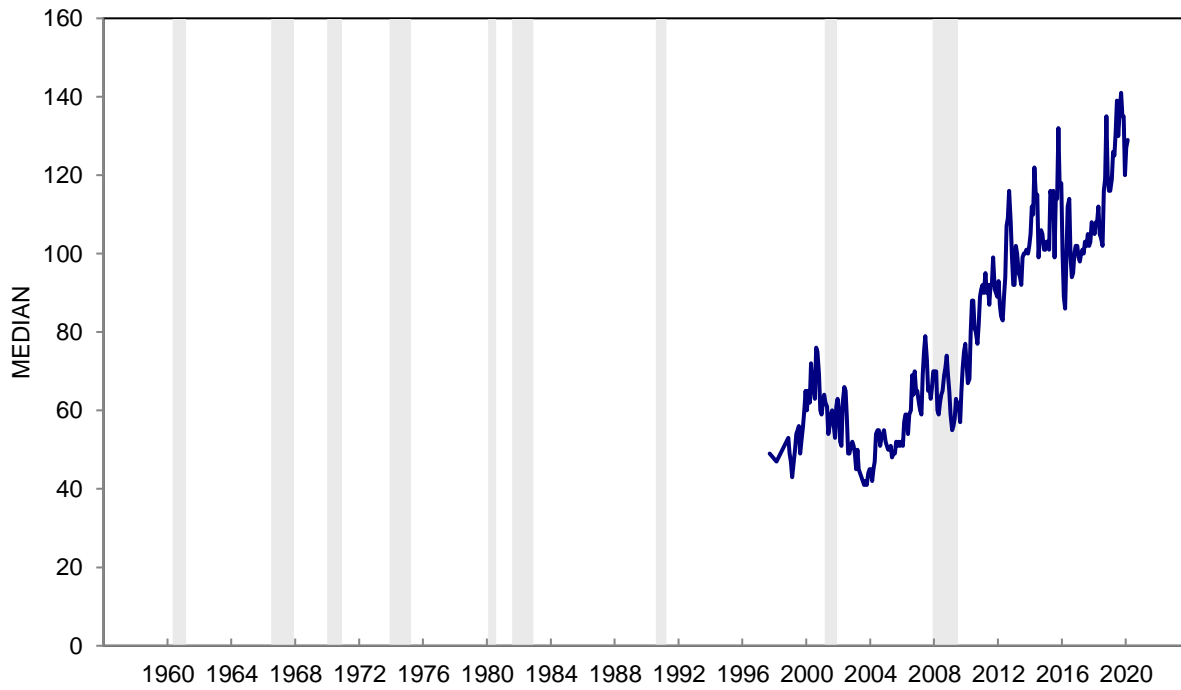


TABLE 22

CURRENT MARKET VALUE OF PRIMARY RESIDENCE

THREE MONTH MOVING AVERAGES

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
UNDER \$100,000	10%	11%	9%	10%	10%	11%	11%	11%	11%	11%	11%	11%	12%
\$100,000-199,999	22	21	20	21	22	22	22	21	22	21	23	22	22
200,000-299,999	21	21	22	23	24	22	21	19	19	20	20	21	20
300,000-399,999	14	15	16	15	14	14	15	15	15	14	14	14	15
400,00-499,999	8	9	9	9	8	7	7	9	11	11	9	8	7
500,000+	21	19	19	19	20	20	21	19	19	19	20	20	19
DK/NA	4	4	5	3	2	4	3	6	3	4	3	4	5
TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100
CASES	1314	1333	1323	1299	1318	1314	1322	1304	1329	1344	1356	1370	1385
MEDIAN (1,000's)	252	259	266	262	256	254	263	273	274	272	262	259	257
25th PERCENTILE (1,000's)	155	158	165	163	162	157	157	155	153	160	159	163	155
75th PERCENTILE (1,000's)	430	416	415	413	416	422	428	432	427	438	427	424	419
INTERQUARTILE RANGE (75th-25th) (1,000's)	275	258	249	251	254	265	271	276	275	279	268	262	264

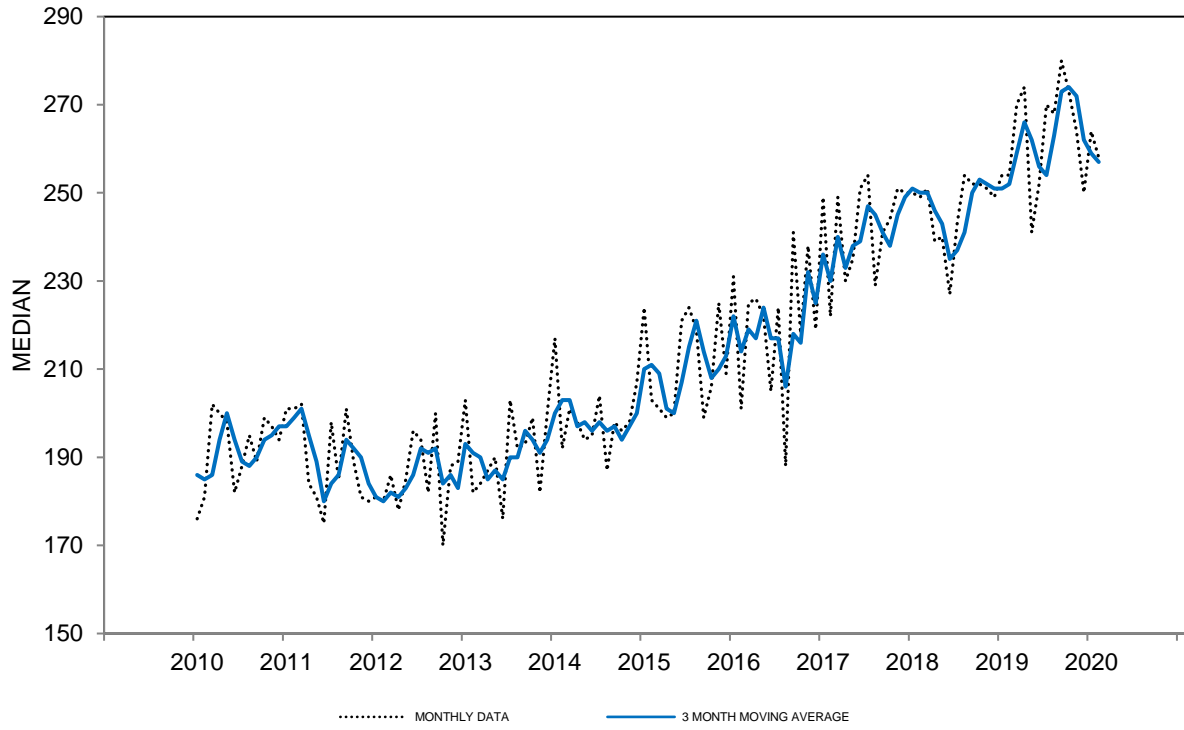
**CURRENT MARKET VALUE OF PRIMARY RESIDENCE - MEDIAN
THREE MONTH MOVING AVERAGES**

All	252	259	266	262	256	254	263	273	274	272	262	259	257
Age 18 to 44	263	265	264	259	248	251	260	276	264	264	249	248	235
Age 45 to 64	248	255	264	258	251	250	264	284	294	285	267	257	275
Age 65+	257	261	278	273	276	261	260	248	255	265	269	269	262
Income Bottom Third	151	145	154	146	149	140	139	139	139	142	143	148	147
Income Middle Third	204	210	230	226	232	219	229	226	227	221	220	224	217
Income Top Third	406	402	385	380	379	383	392	393	399	401	399	399	401

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)**

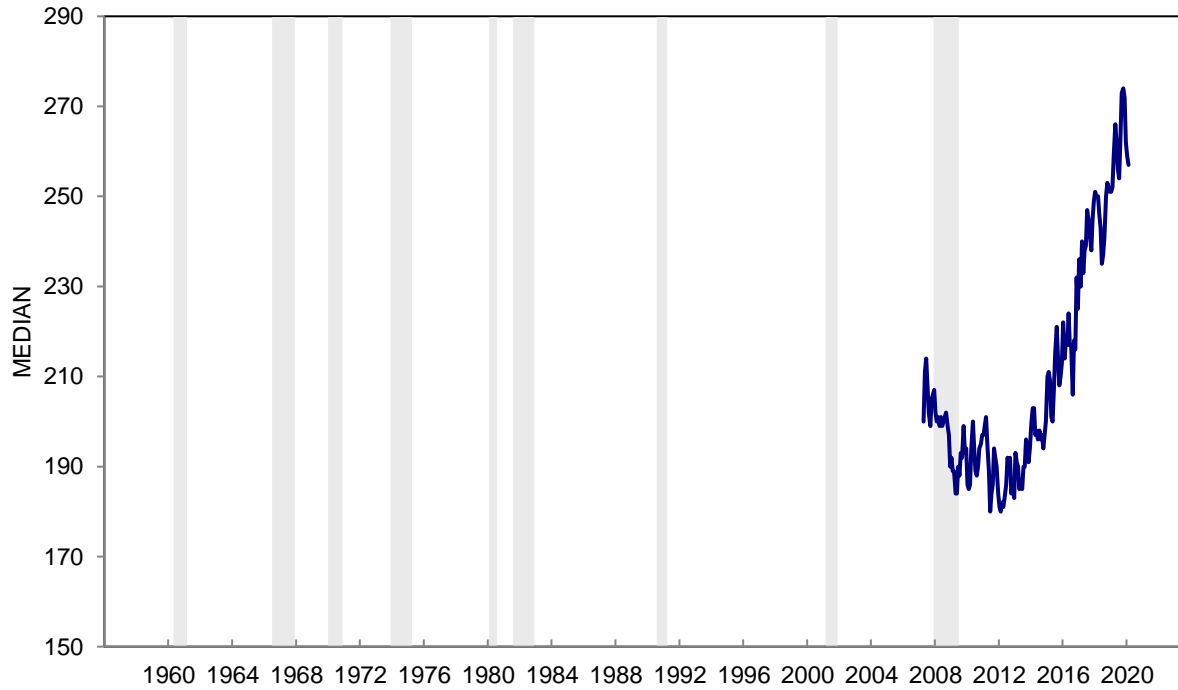


TABLE 23**NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
FAVORABLE NEWS	42%	47%	52%	52%	44%	46%	35%	39%	43%	43%	46%	54%	48%
UNFAVORABLE NEWS	71	57	60	55	68	62	77	84	74	69	62	52	58
NO MENTIONS	35	38	35	37	34	35	34	29	30	35	37	39	37
INDEX SCORE	71	90	92	97	76	84	58	55	69	74	84	102	90

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

All	65	73	84	93	88	86	73	66	61	66	76	87	92
Age 18 to 44	53	62	76	86	80	73	65	56	54	58	68	76	79
Age 45 to 64	72	78	82	88	85	90	79	72	65	67	80	94	104
Age 65+	74	81	100	113	106	100	74	70	63	76	82	94	95
Income Bottom Third	68	78	89	93	89	86	82	78	74	71	74	83	88
Income Middle Third	63	78	91	101	93	86	75	64	60	71	84	92	92
Income Top Third	62	60	71	84	83	81	58	51	47	57	69	85	94

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

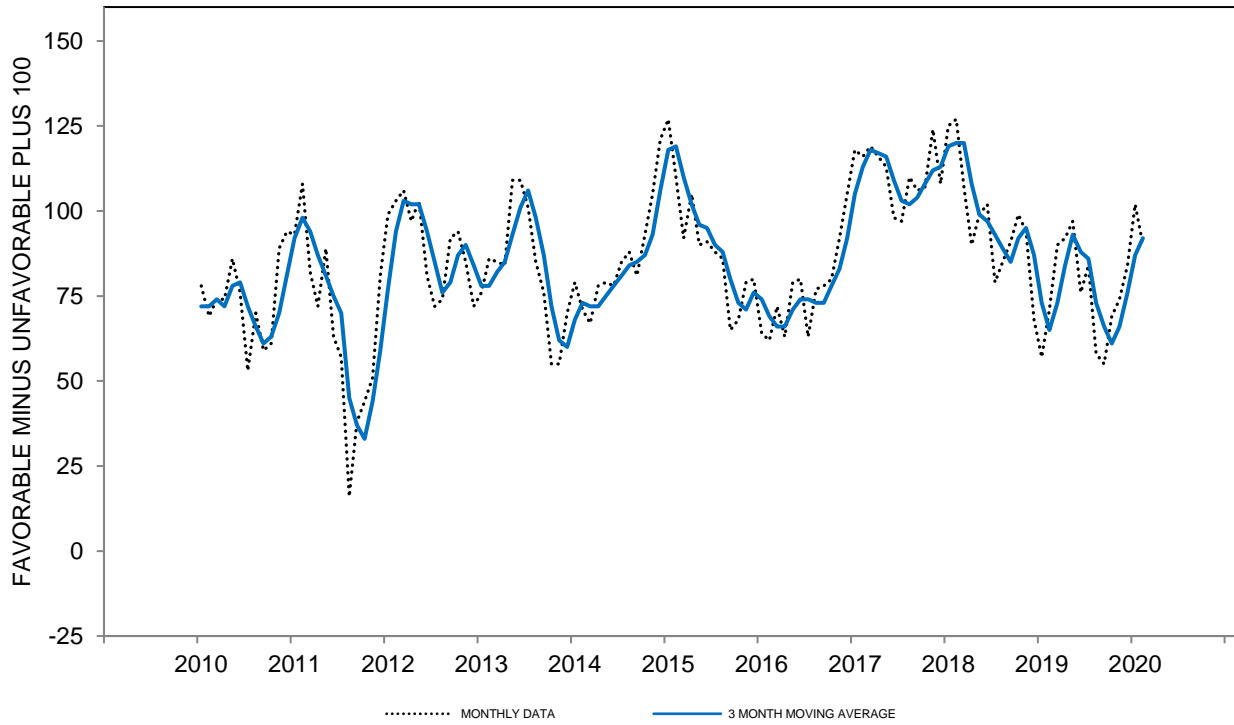


CHART 23: NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

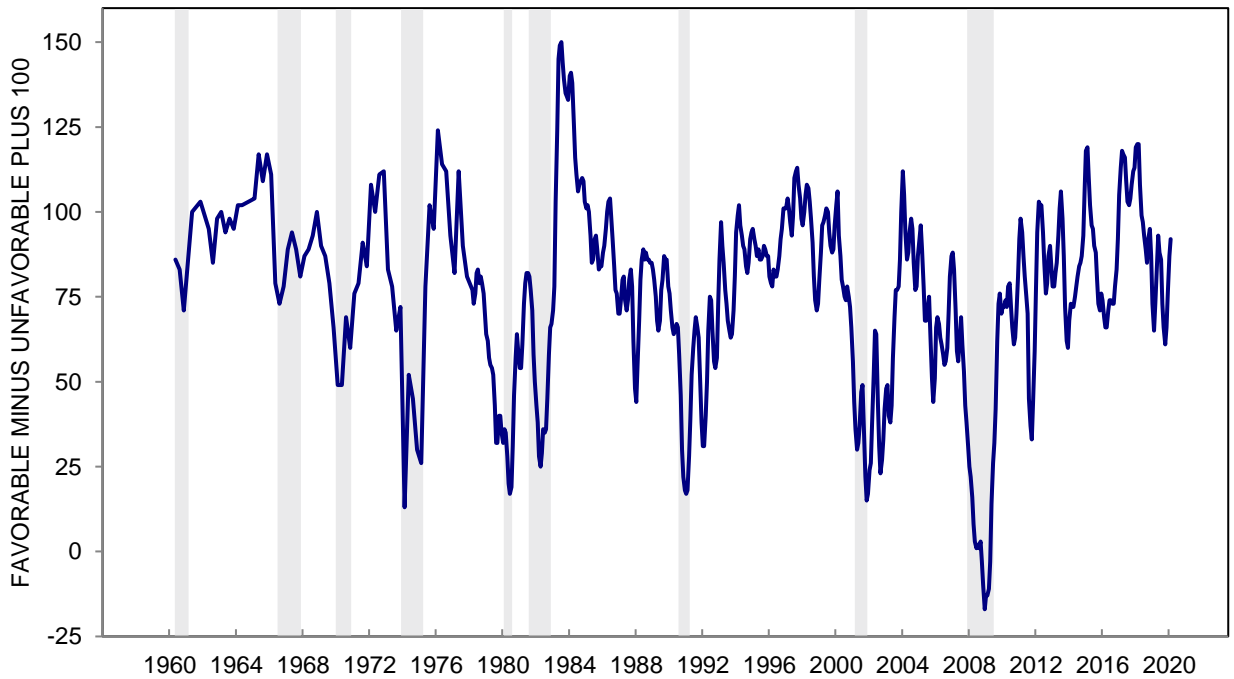


TABLE 24

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
FAVORABLE NEWS:													
Government; elections	13%	13%	12%	11%	10%	8%	7%	8%	9%	9%	4%	11%	14%
Employment	16	19	22	20	18	21	13	13	19	15	23	20	17
Higher consumer demand	3	3	3	6	3	3	2	4	2	2	3	5	3
Lower prices	*	*	*	1	1	*	*	*	*	1	*	1	*
Easier credit	1	1	4	2	2	2	3	2	3	4	2	2	2
Stock market	2	4	5	3	3	5	2	3	3	5	6	9	6
Trade; global economy	1	1	*	1	1	2	1	1	1	2	3	3	2
UNFAVORABLE NEWS:													
Government; elections	32	22	24	22	30	25	27	30	22	19	20	16	14
Unemployment	10	14	14	13	11	13	14	11	12	17	13	14	16
Lower consumer demand	3	3	3	2	5	4	3	2	3	3	4	4	4
Higher prices	2	3	2	4	3	2	3	5	2	2	2	2	1
Tighter credit	2	2	3	1	1	1	4	2	2	2	1	1	1
Energy crisis	*	*	*	*	*	1	*	1	1	*	*	*	1
Stock market	6	3	3	2	3	2	5	7	4	3	2	2	3
Trade; global economy	6	4	3	5	7	7	10	11	12	8	8	4	9

SELECTED ITEMS OF NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

EMPLOYMENT - UNEMPLOYMENT (THREE MONTH MOVING AVERAGES)

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

GOVERNMENT FAVORABLE - UNFAVORABLE (THREE MONTH MOVING AVERAGES)

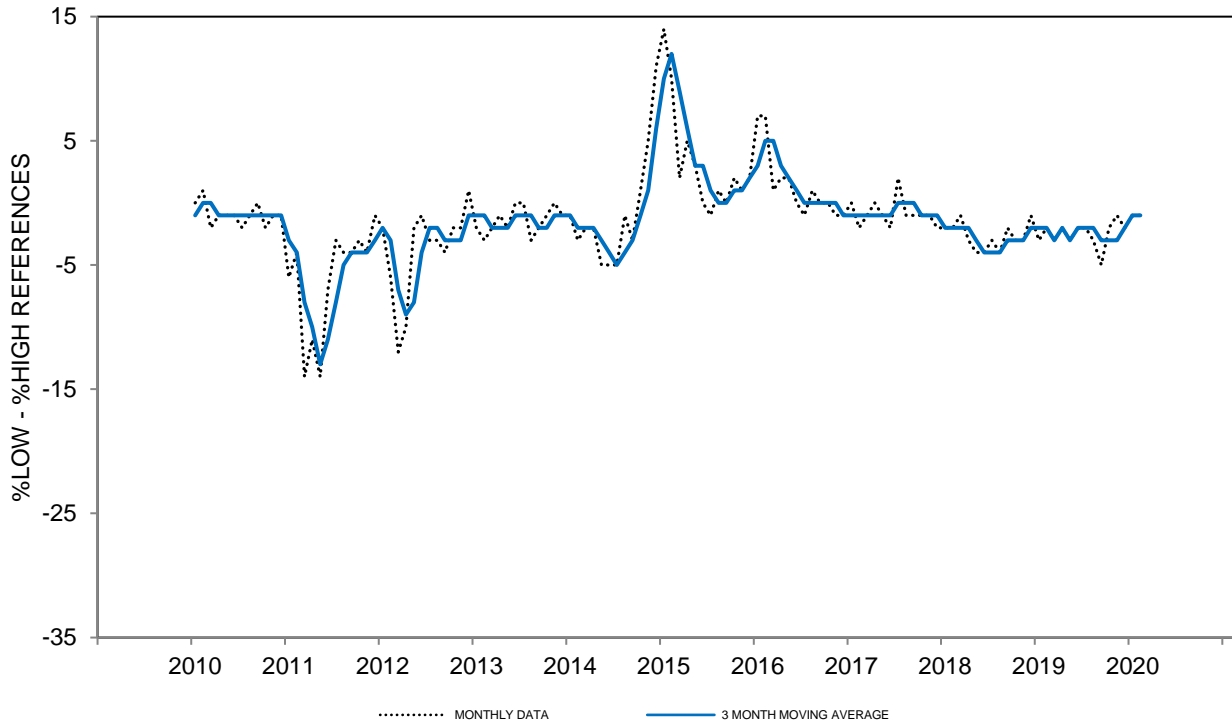
All	-19	-17	-13	-11	-14	-16	-19	-20	-18	-15	-13	-10	-7
Age 18 to 44	-22	-18	-12	-11	-15	-16	-18	-20	-17	-15	-13	-12	-9
Age 45 to 64	-16	-17	-17	-14	-17	-17	-21	-20	-18	-14	-13	-10	-5
Age 65+	-20	-19	-11	-7	-11	-13	-18	-19	-21	-16	-14	-9	-6
Income Bottom Third	-20	-17	-11	-7	-10	-11	-13	-12	-12	-11	-11	-9	-6
Income Middle Third	-17	-13	-10	-11	-13	-15	-16	-21	-21	-15	-12	-7	-7
Income Top Third	-21	-23	-21	-16	-20	-20	-27	-25	-23	-19	-17	-15	-8

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?"

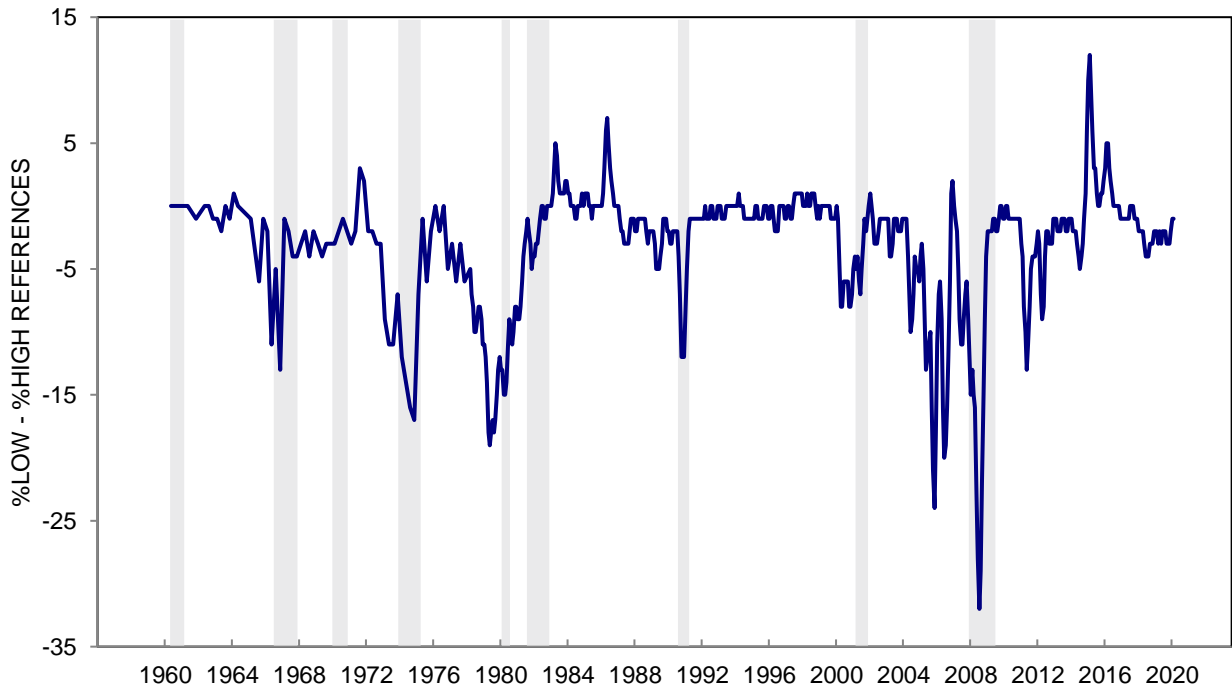
May add to more than 100% due to multiple mentions.

*: Less than half of one percent.

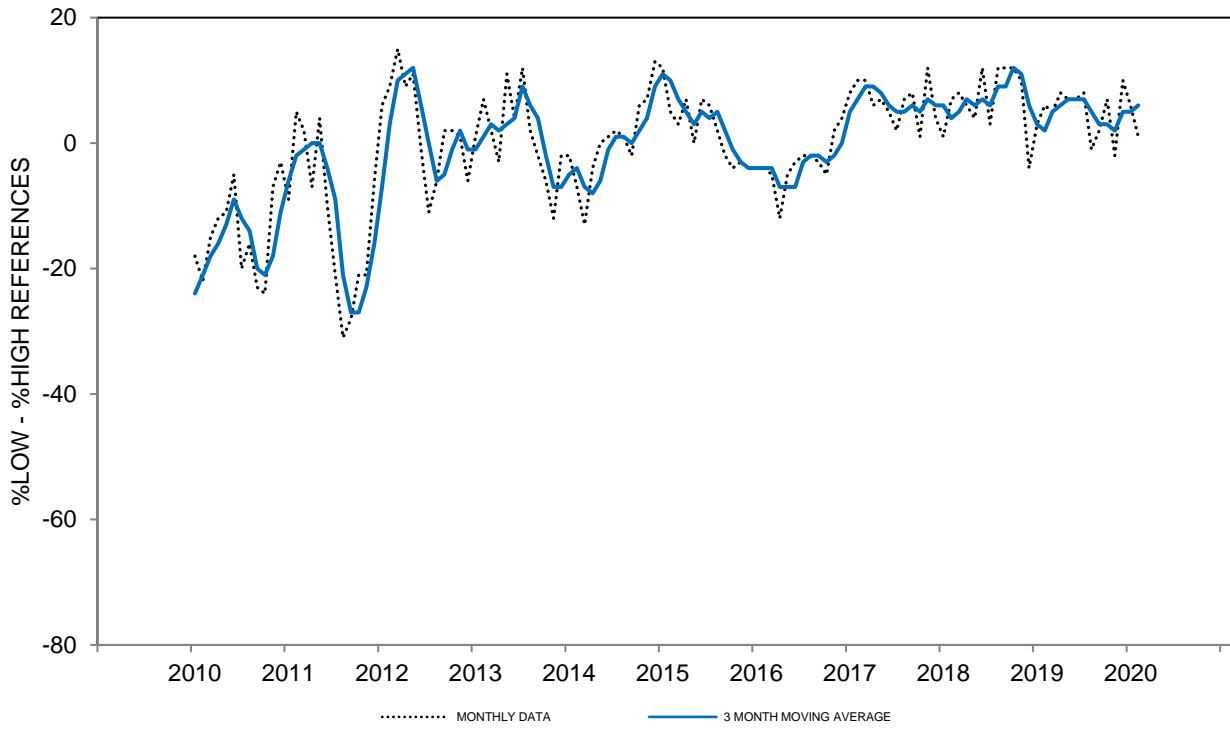
**CHART 24A: NEWS HEARD ABOUT PRICE CHANGES
(%LOW PRICES - %HIGH PRICES)**



**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)**

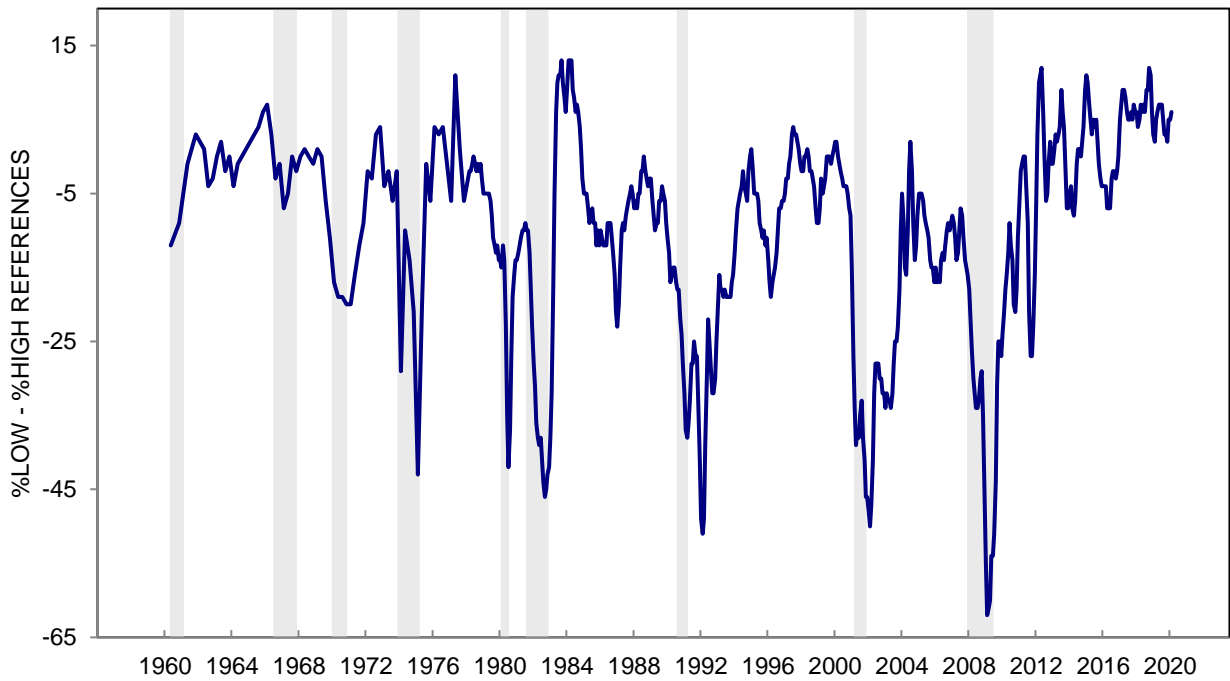


CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
(%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)

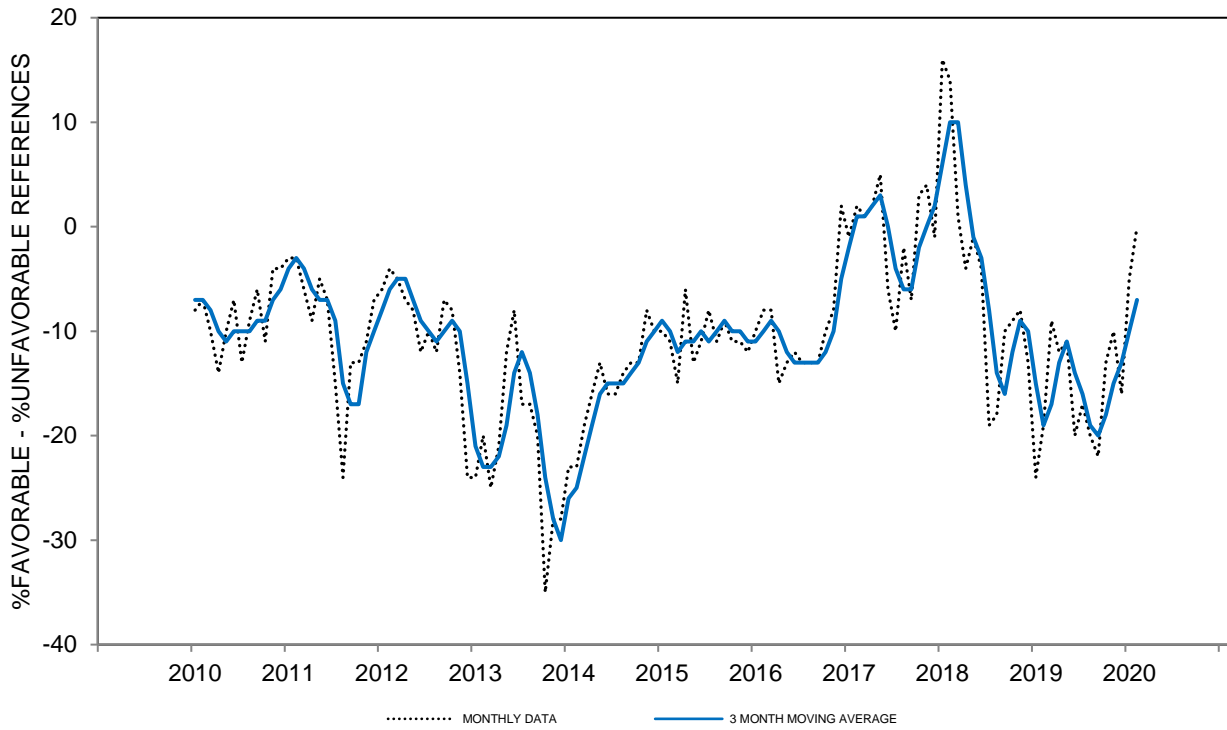


CHART 24C: NEWS HEARD ABOUT GOVERNMENT ECONOMIC POLICIES
(%FAVORABLE MENTIONS - %UNFAVORABLE MENTIONS)

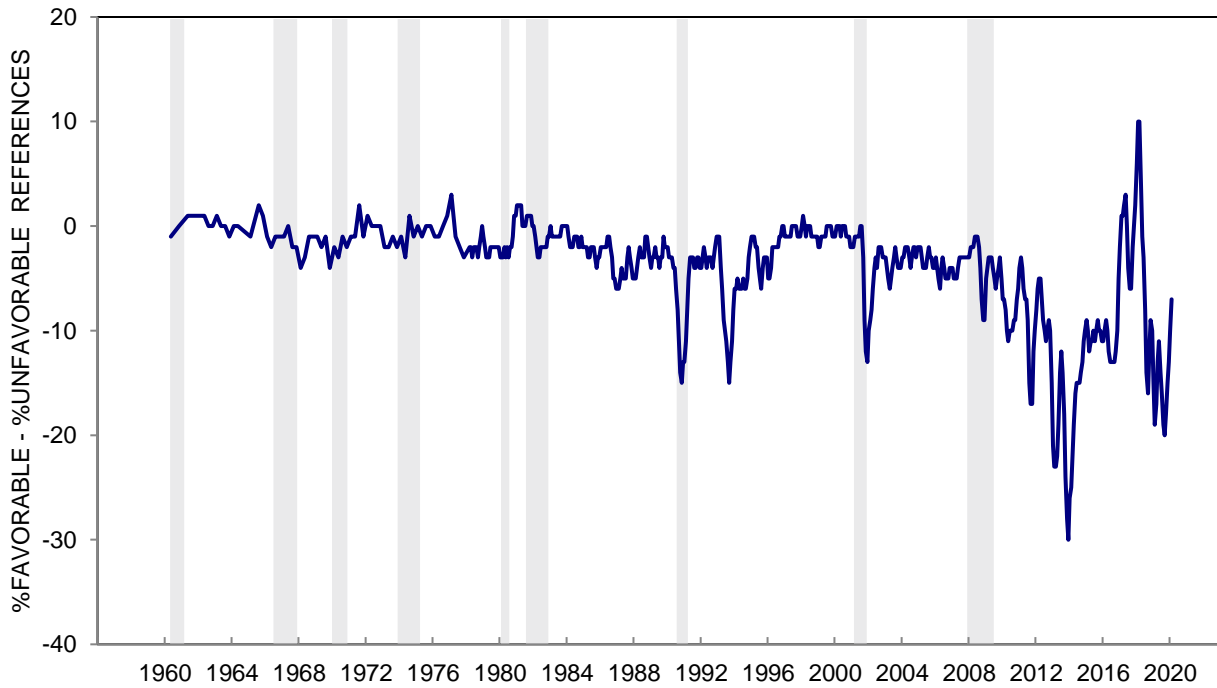


TABLE 25**CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
BETTER NOW	50%	54%	58%	59%	57%	57%	50%	49%	48%	52%	55%	60%	57%
SAME	9	14	12	12	11	11	10	12	14	11	13	14	14
WORSE NOW	38	30	29	27	31	31	38	38	36	37	32	24	27
DK, NA	3	2	1	2	1	1	2	1	2	*	*	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	112	125	129	132	126	126	112	111	112	115	123	136	130

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

All	114	112	122	129	129	128	121	116	112	113	117	125	130
Age 18 to 44	111	110	121	127	126	124	120	115	110	111	115	122	126
Age 45 to 64	117	113	122	127	128	128	125	121	114	115	119	127	132
Age 65+	116	115	125	134	135	135	119	112	108	111	117	125	132
Income Bottom Third	110	109	115	119	119	118	118	116	116	113	107	113	121
Income Middle Third	116	115	130	135	137	134	128	120	114	117	121	127	129
Income Top Third	117	112	121	131	129	131	119	112	104	108	121	132	136

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

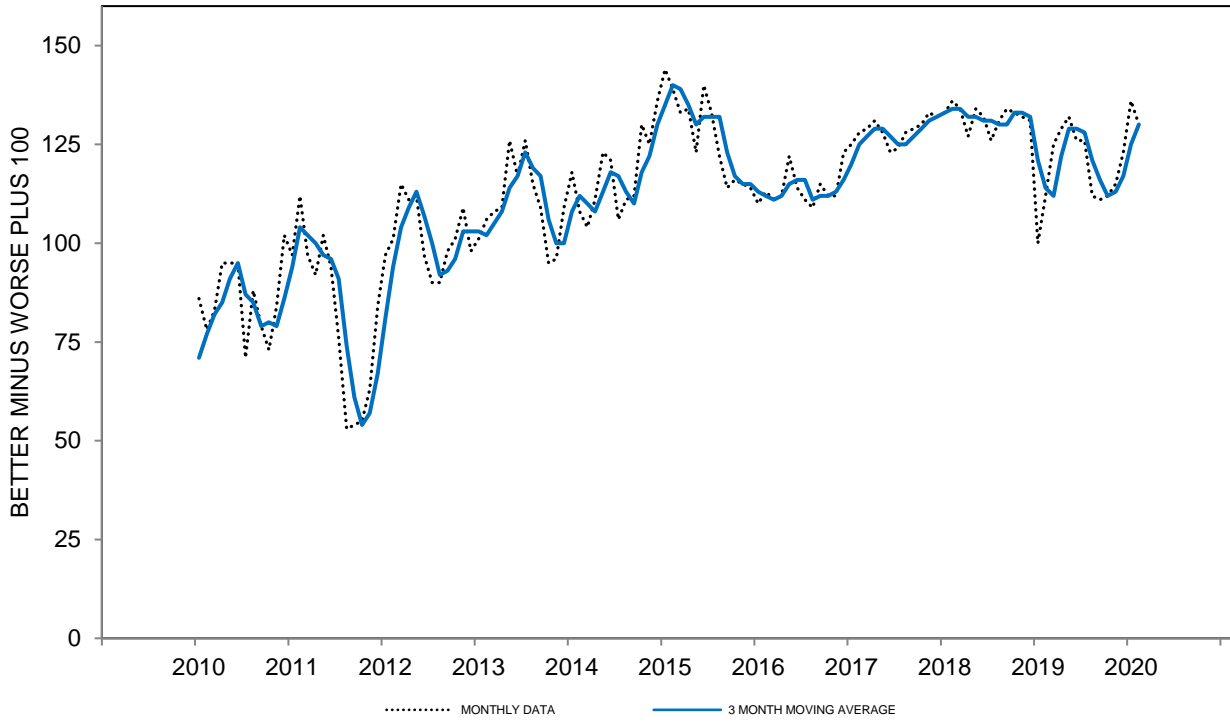


CHART 25: CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

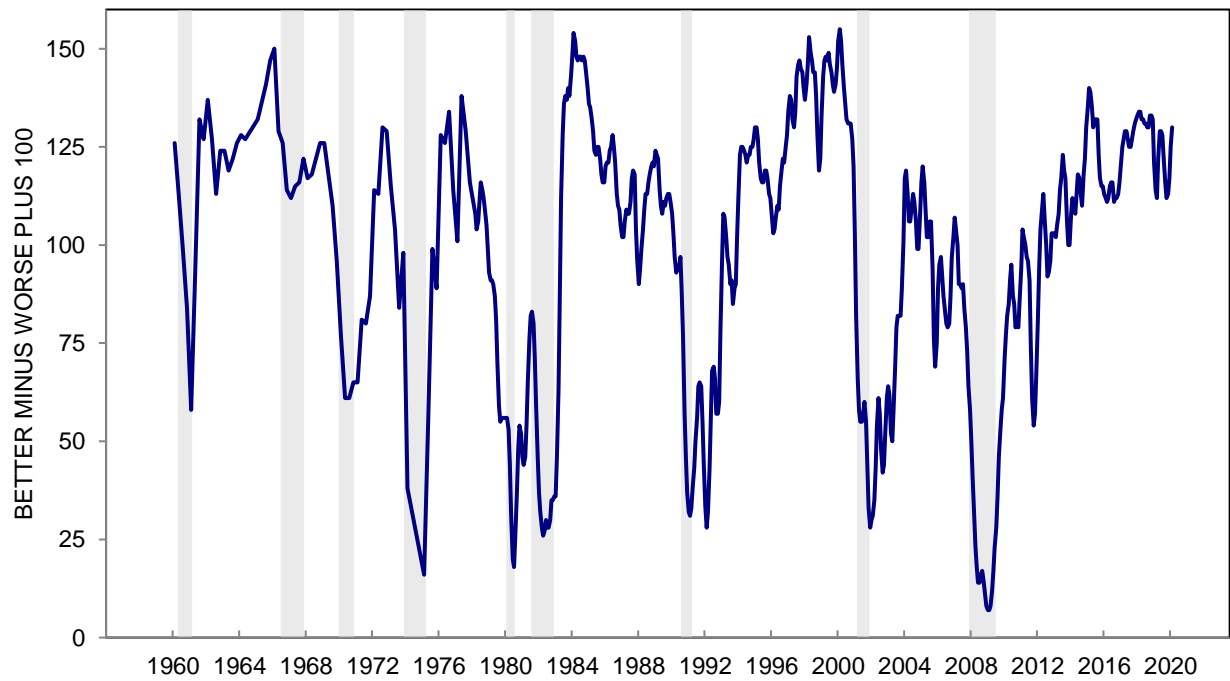


TABLE 26

EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
BETTER	25%	30%	28%	30%	30%	25%	25%	27%	25%	28%	27%	29%	29%
SAME	47	47	49	48	45	53	43	43	44	44	47	47	46
WORSE	26	22	22	21	24	20	31	28	29	26	23	20	22
DK, NA	2	1	1	1	1	2	1	2	2	2	3	4	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	99	108	106	109	106	105	94	99	96	102	104	109	107

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

All	98	100	104	108	107	107	102	99	96	99	101	105	107
Age 18 to 44	95	98	100	102	102	103	100	98	95	100	100	103	102
Age 45 to 64	100	101	108	109	108	106	103	104	99	100	101	107	110
Age 65+	99	100	106	114	114	112	101	95	93	97	101	107	110
Income Bottom Third	96	101	107	111	106	105	101	101	101	102	102	103	105
Income Middle Third	100	102	107	110	113	111	108	101	98	104	104	108	109
Income Top Third	95	94	99	101	102	102	96	95	91	93	98	105	107

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

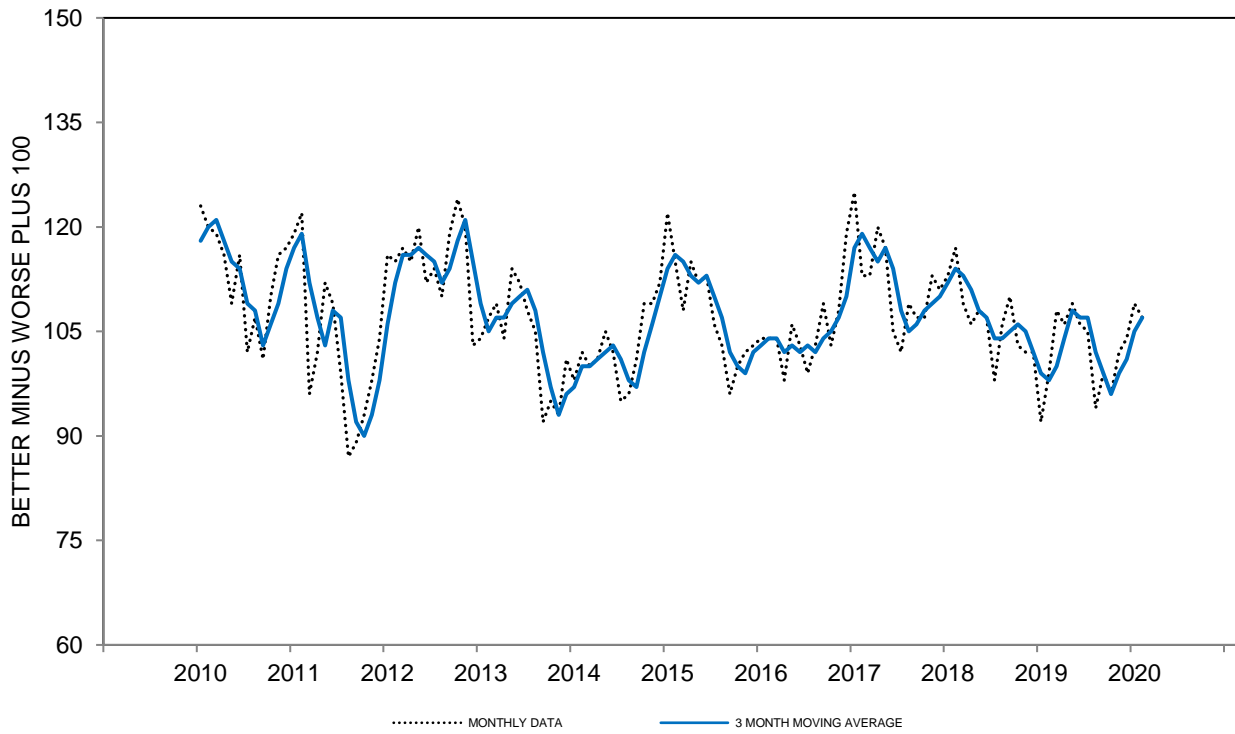


CHART 26: EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

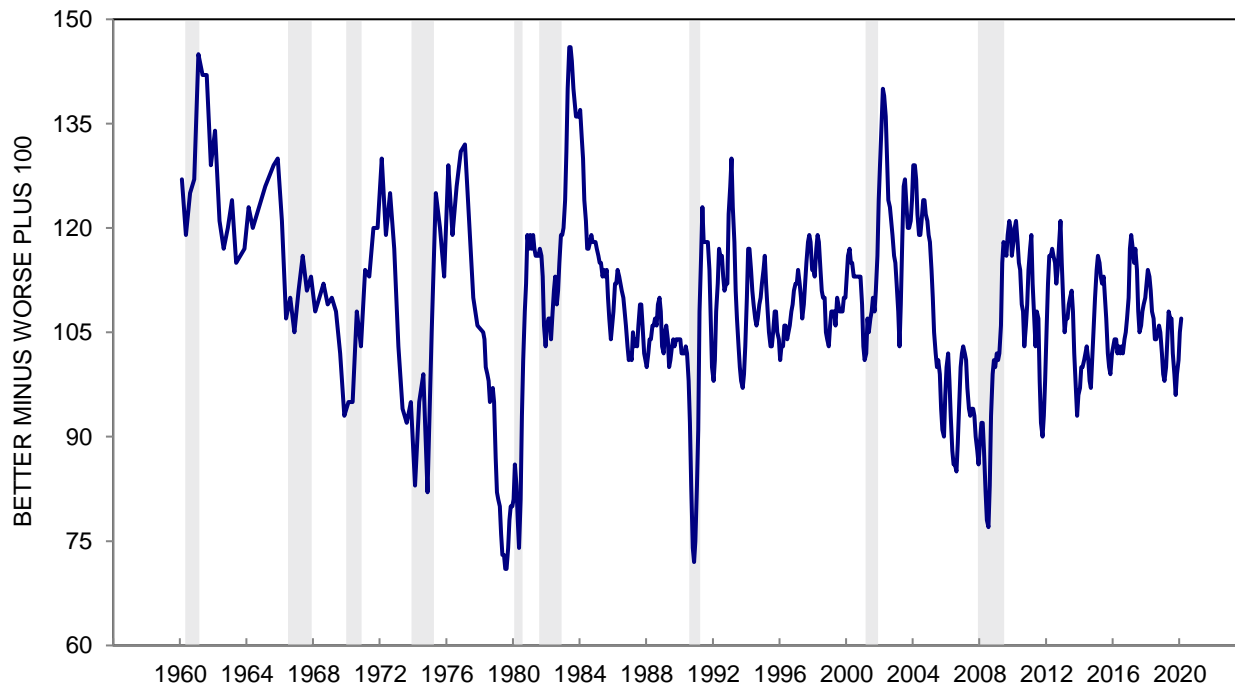


TABLE 27

TREND IN PAST AND EXPECTED CHANGES IN BUSINESS CONDITIONS

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
TREND:													
Continuous increase (a)	21%	23%	27%	26%	26%	22%	21%	22%	21%	22%	22%	24%	22%
Intermittent increase (b)	26	29	27	28	27	30	22	23	22	27	27	30	29
Remain unchanged (c)	5	9	7	8	7	8	7	8	8	5	8	7	8
Intermittent decline (d)	18	14	17	15	15	18	17	16	18	19	16	15	15
Continuous decline (e)	19	15	14	13	16	13	21	21	19	18	15	9	11
Mixed change (f)	7	7	5	7	7	6	9	8	8	7	8	9	10
DK, NA	4	3	3	3	2	3	3	2	4	2	4	6	5
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	110	123	123	126	122	121	105	108	106	112	118	130	125

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

All	111	111	119	124	124	123	116	111	106	109	112	120	124
Age 18 to 44	108	108	116	122	122	120	115	109	106	109	113	118	120
Age 45 to 64	113	111	120	123	122	123	120	118	109	110	113	122	126
Age 65+	113	115	123	132	131	130	113	106	102	106	111	122	129
Income Bottom Third	107	109	115	119	116	117	114	113	111	110	108	113	118
Income Middle Third	112	113	126	132	134	129	124	116	110	114	116	124	127
Income Top Third	112	109	116	123	121	122	110	105	98	103	114	125	129

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

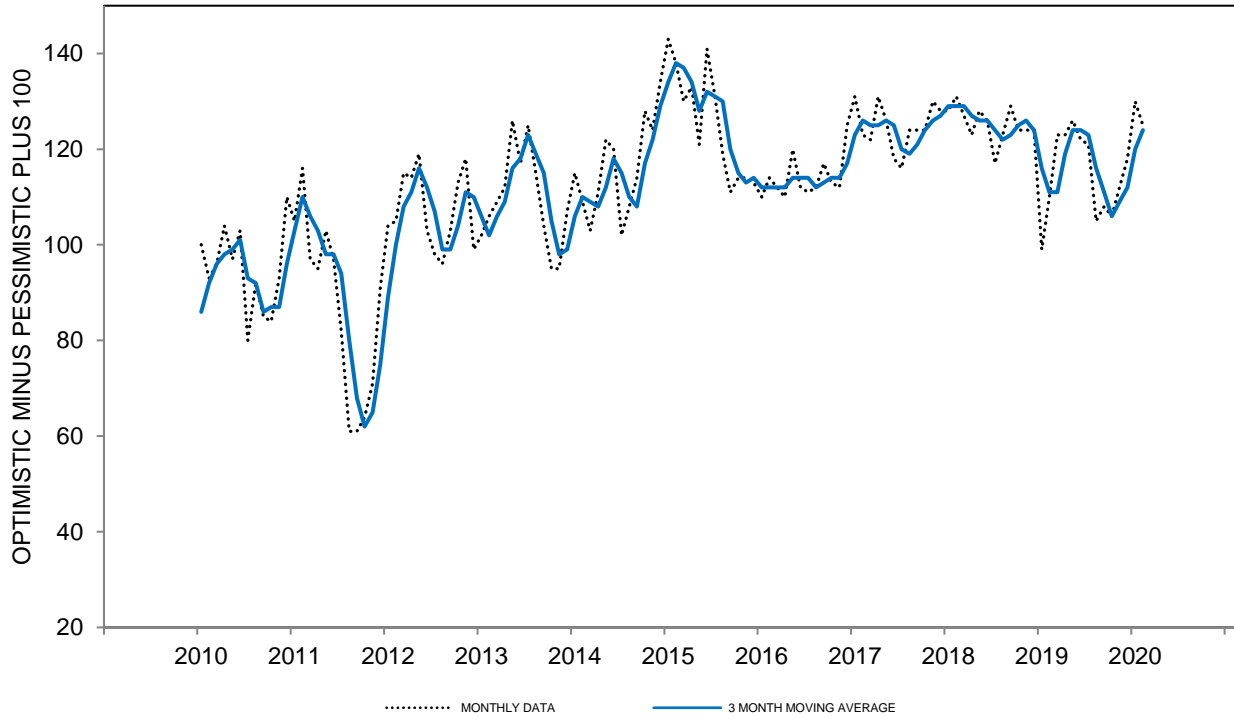


CHART 27: TREND IN PAST AND EXPECTED BUSINESS CONDITIONS

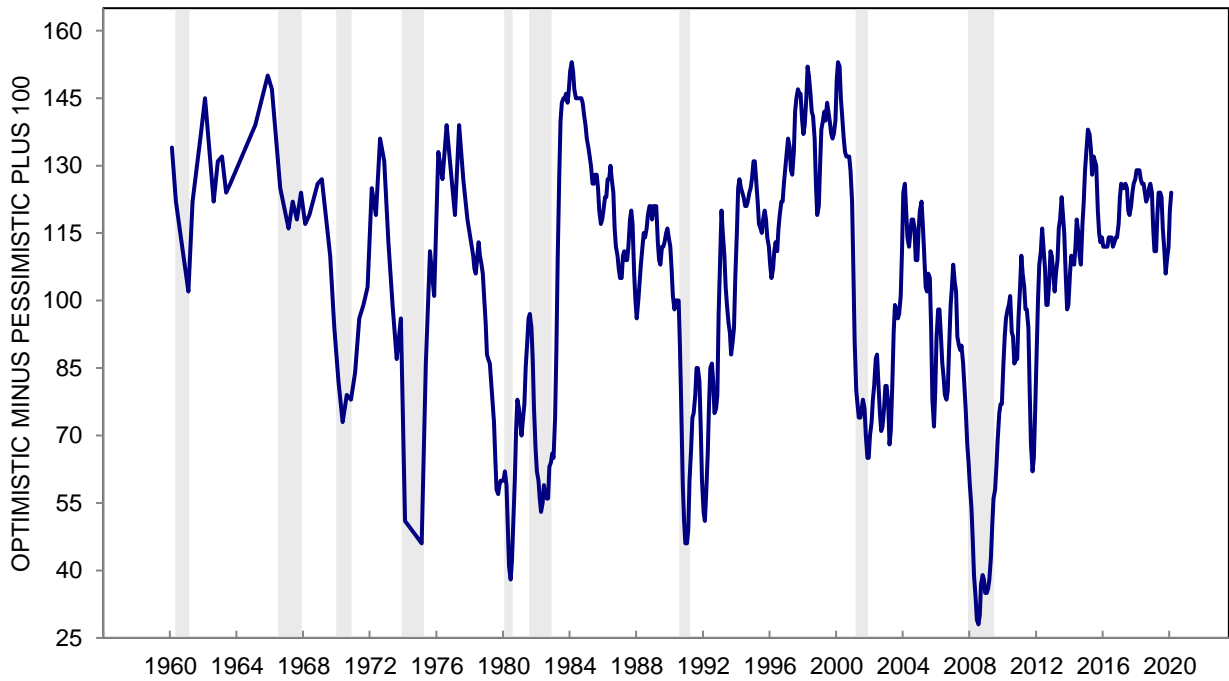


TABLE 28**BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIMES	48%	56%	51%	59%	55%	56%	47%	49%	49%	53%	56%	55%	58%
UNCERTAIN	4	5	4	4	5	4	5	4	3	5	2	3	4
BAD TIMES	40	32	36	29	34	34	43	40	41	37	36	34	31
DON'T KNOW	3	2	4	3	2	2	2	2	2	2	2	3	2
NA	5	5	5	5	4	4	3	5	5	3	4	5	5
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	108	124	115	130	121	122	104	109	108	116	120	121	127

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

All	106	108	116	123	122	124	116	112	107	111	115	119	123
Age 18 to 44	107	108	113	122	122	125	115	112	108	114	113	116	119
Age 45 to 64	105	107	117	121	120	123	120	116	107	107	114	122	127
Age 65+	106	108	117	127	125	125	111	106	105	112	119	120	124
Income Bottom Third	99	100	106	111	111	115	112	109	107	105	108	107	113
Income Middle Third	106	111	121	130	132	130	120	112	110	117	118	122	125
Income Top Third	110	111	119	128	124	127	115	114	105	110	119	127	131

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

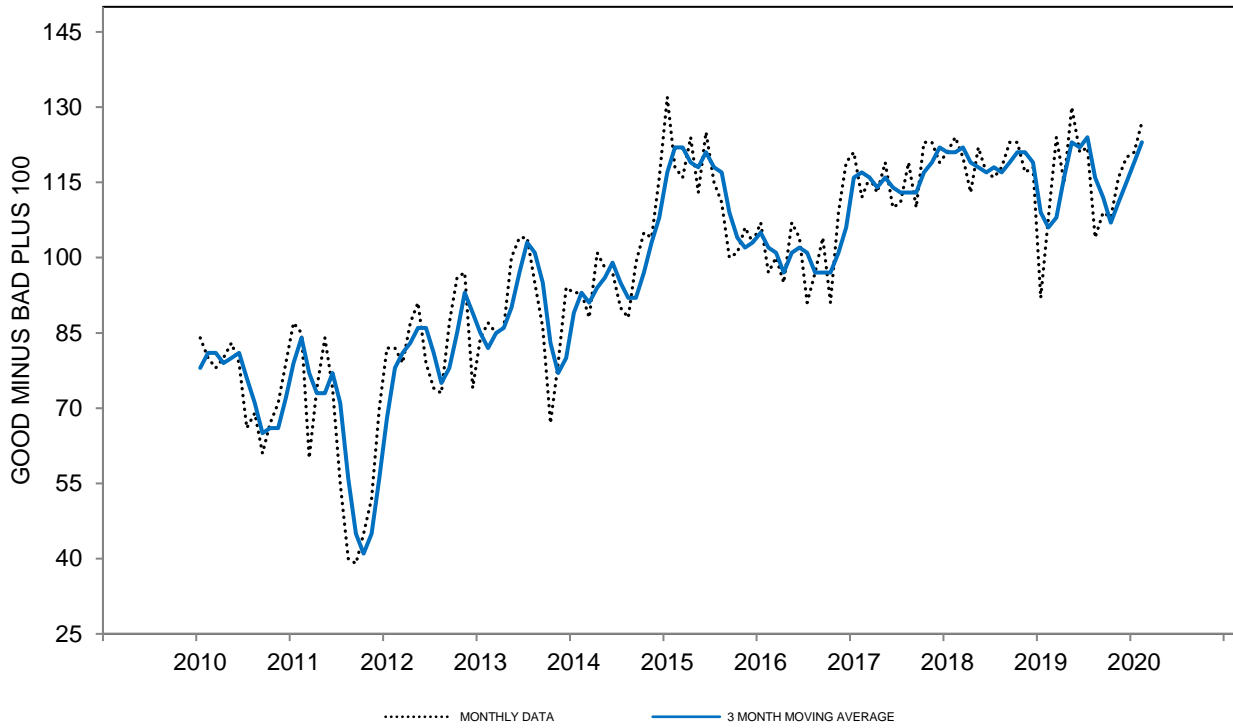


CHART 28: BUSINESS CONDITIONS EXPECTED DURING THE NEXT YEAR

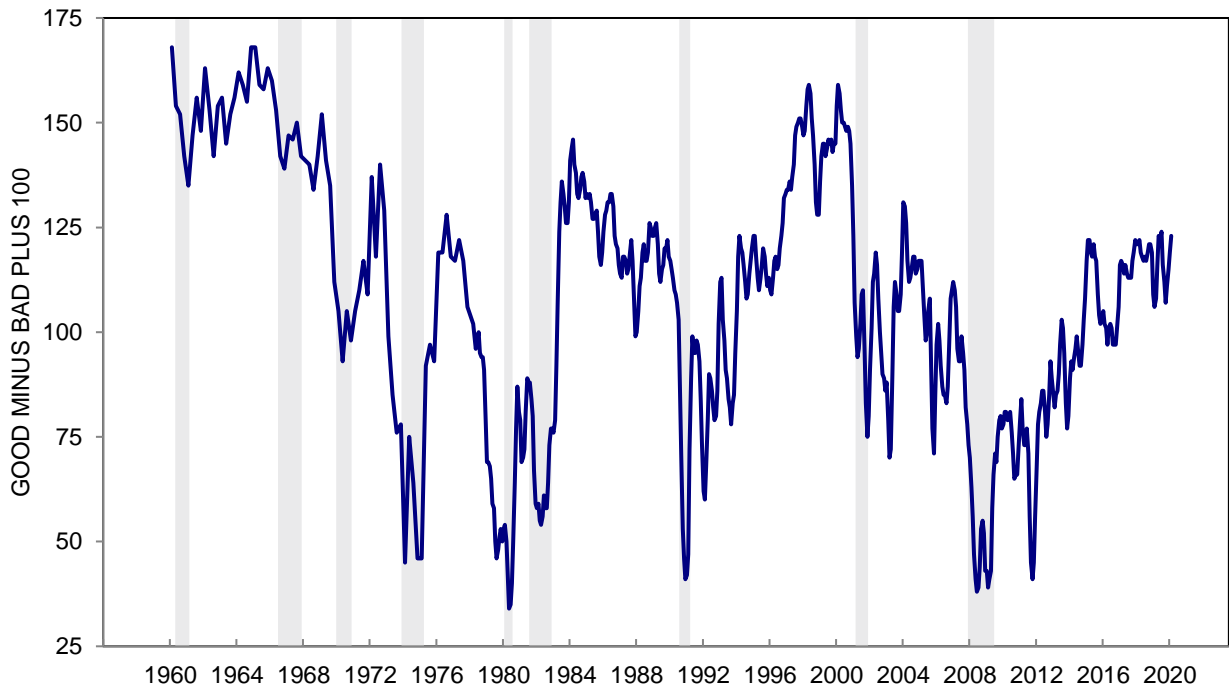


TABLE 29**BUSINESS CONDITIONS EXPECTED DURING THE NEXT 5 YEARS**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIMES	43%	45%	44%	50%	47%	48%	40%	42%	41%	46%	47%	49%	50%
UNCERTAIN	11	9	9	9	8	8	12	11	12	12	10	11	9
BAD TIMES	44	43	44	38	43	42	47	44	45	41	41	39	39
NA	2	3	3	3	2	2	1	3	2	1	2	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	99	102	100	112	104	106	93	98	96	105	106	110	111

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

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

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

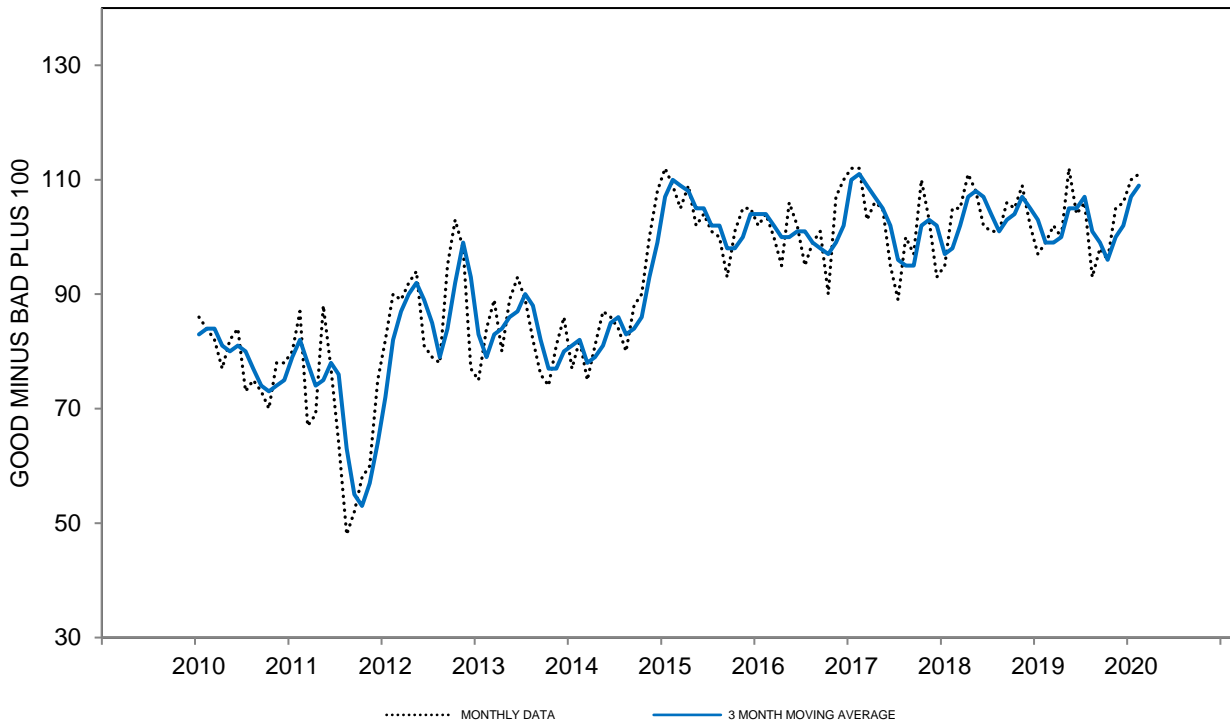


CHART 29: BUSINESS CONDITIONS EXPECTED DURING THE NEXT FIVE YEARS

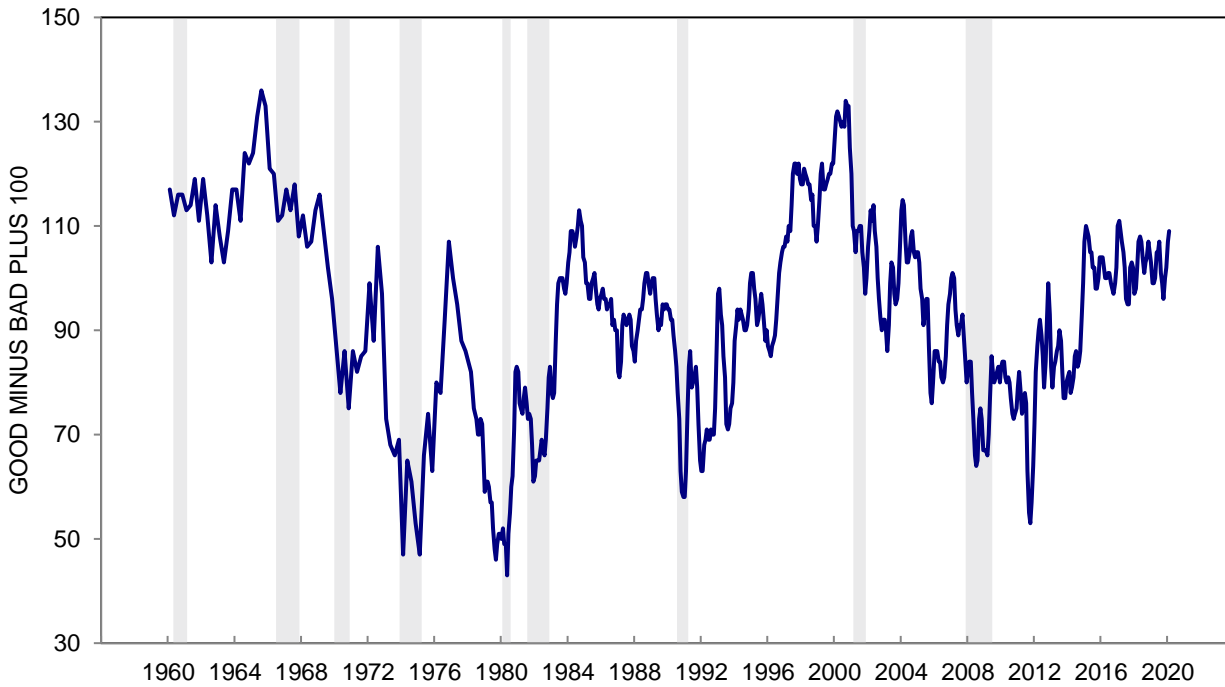


TABLE 30**EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
LESS	23%	25%	27%	25%	24%	23%	19%	20%	20%	23%	23%	26%	21%
SAME	46	52	49	53	49	51	51	48	48	53	46	53	56
MORE	31	22	24	22	27	25	30	31	32	23	31	21	23
DK, NA	*	1	*	*	*	1	*	1	*	1	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	92	103	103	103	97	98	89	89	88	100	92	105	98

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

All	90	94	99	103	101	99	95	92	89	92	93	99	98
Age 18 to 44	83	87	93	97	95	94	92	90	86	89	89	95	94
Age 45 to 64	92	94	101	102	101	101	100	98	94	97	99	103	101
Age 65+	100	104	107	114	108	105	92	88	86	90	94	100	101
Income Bottom Third	86	94	100	102	95	94	92	92	87	89	87	91	92
Income Middle Third	91	93	101	108	107	103	99	97	96	101	101	108	105
Income Top Third	92	93	96	100	102	101	94	87	84	88	93	98	96

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

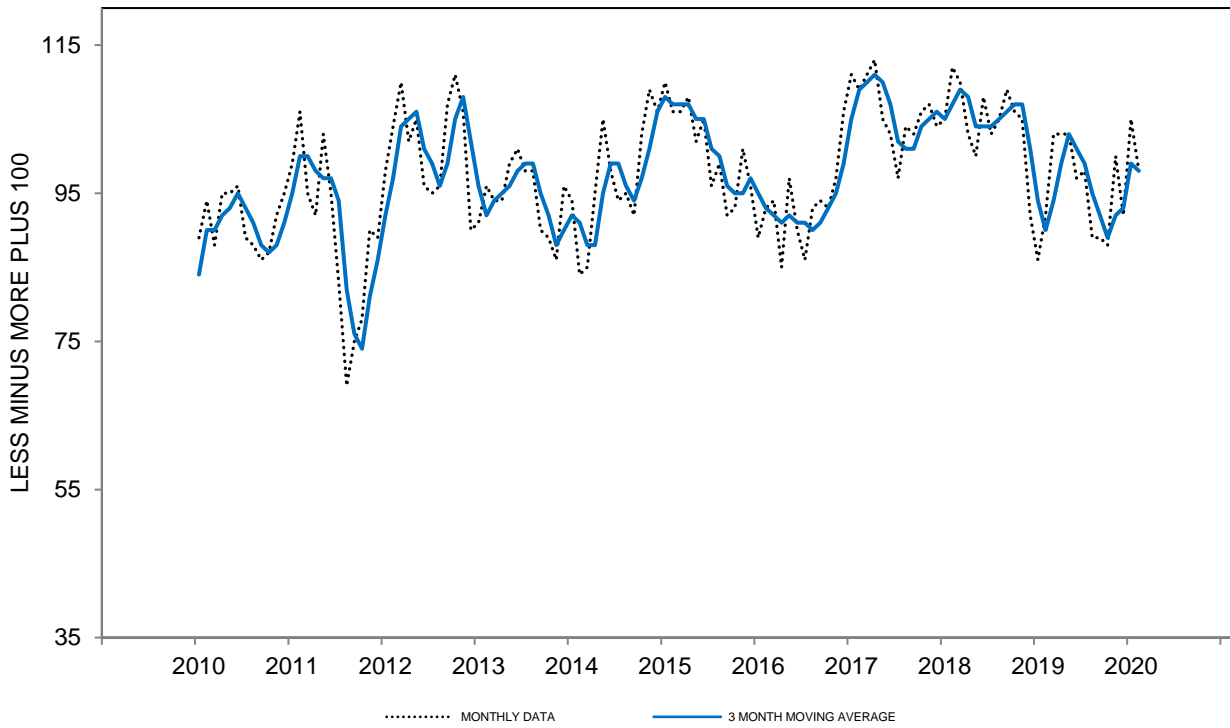


CHART 30: EXPECTED CHANGE IN UNEMPLOYMENT DURING THE NEXT YEAR

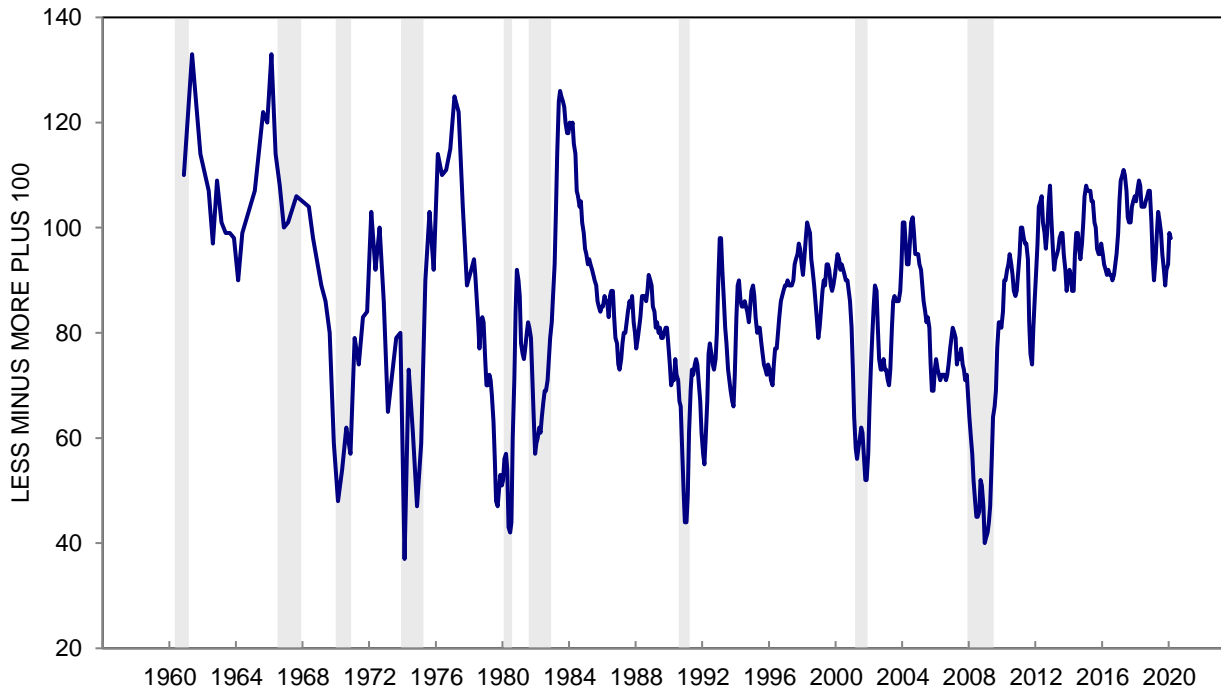


TABLE 31

EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GO UP	64%	63%	55%	58%	46%	45%	39%	33%	39%	38%	38%	40%	43%
STAY THE SAME	28	29	37	35	39	37	37	39	40	40	44	46	45
GO DOWN	7	7	6	6	14	17	22	26	20	20	15	13	11
DK, NA	1	1	2	1	1	1	2	2	1	2	3	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	43	44	51	48	68	72	83	93	81	82	77	73	68

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

All	35	40	46	48	56	63	74	83	86	85	80	77	73
Age 18 to 44	34	39	43	46	51	58	65	73	75	76	73	72	68
Age 45 to 64	36	41	48	46	59	67	84	91	92	91	85	83	77
Age 65+	36	41	48	51	58	65	76	86	92	90	83	77	73
Income Bottom Third	43	46	47	44	50	54	61	66	69	73	69	70	64
Income Middle Third	36	38	44	47	58	64	76	82	87	88	82	78	70
Income Top Third	29	36	45	49	59	70	88	100	101	96	89	84	81

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

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

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

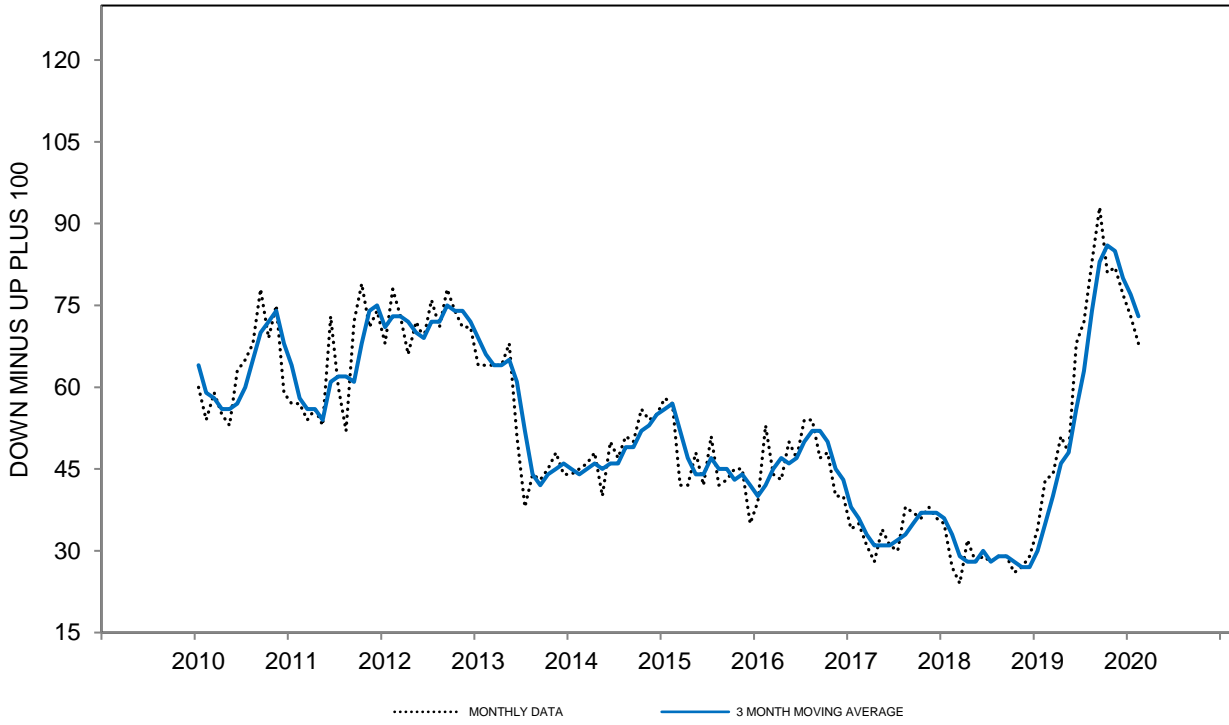


CHART 31: EXPECTED CHANGE IN INTEREST RATES DURING THE NEXT YEAR

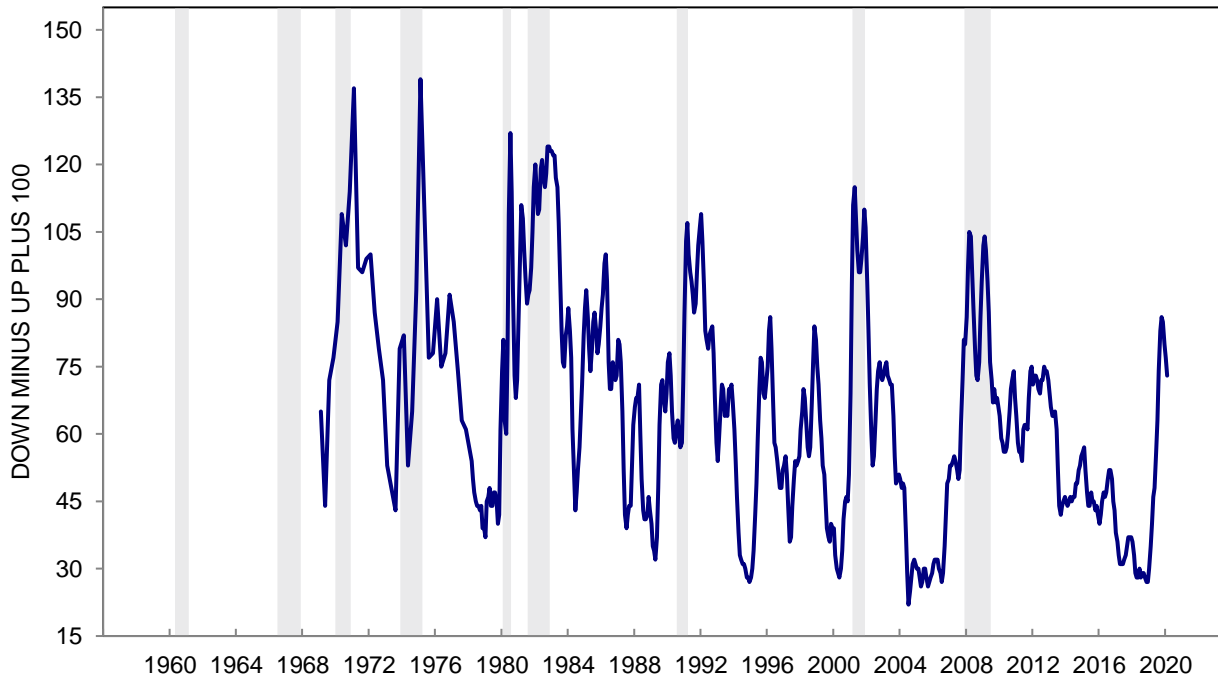


TABLE 32

EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
DOWN	2%	3%	1%	1%	2%	3%	2%	3%	2%	2%	3%	3%	3%
SAME	11	12	12	11	11	11	13	14	17	15	14	15	15
WILL GO UP BY:													
1-2%	33	32	34	26	29	30	29	25	28	29	32	30	30
3-4%	25	25	23	27	22	25	21	22	22	22	22	24	23
5%	10	13	11	14	14	11	15	15	13	13	10	12	13
6-9%	4	3	3	4	4	6	5	4	3	4	3	3	3
10-14%	6	5	6	7	7	6	7	8	5	6	6	6	4
15% or more	1	1	1	1	3	2	2	1	2	1	1	1	1
DK how much up	8	6	8	8	7	6	6	7	7	7	8	6	8
DK, NA	*	*	1	1	1	*	*	1	1	1	1	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
MEDIAN INCREASE	2.6	2.5	2.5	2.9	2.7	2.6	2.7	2.8	2.5	2.5	2.3	2.5	2.4
25th PERCENTILE	1.2	1.1	1.2	1.4	1.2	1.1	1.2	1.1	0.9	1.0	0.9	1.0	0.9
75th PERCENTILE	4.2	4.2	4.2	4.8	4.8	4.6	4.9	4.9	4.6	4.6	4.0	4.2	4.1
INTERQUARTILE RANGE (75th-25th)	3.0	3.1	3.1	3.4	3.7	3.5	3.7	3.8	3.7	3.6	3.1	3.2	3.2
MEAN INCREASE	3.1	2.9	3.1	3.4	3.5	3.2	3.4	3.3	3.0	3.1	2.8	2.9	2.8
VARIANCE	10	10	8	9	13	12	12	12	11	11	10	10	10

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

All	2.7	2.6	2.5	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.4	2.4	2.4
Age 18 to 44	2.5	2.4	2.5	2.5	2.5	2.5	2.4	2.6	2.6	2.5	2.3	2.3	2.3
Age 45 to 64	2.7	2.6	2.5	2.7	2.9	2.9	2.8	2.7	2.6	2.6	2.5	2.5	2.4
Age 65+	2.7	2.6	2.5	2.6	2.8	2.9	3.1	3.1	2.9	2.8	2.6	2.6	2.5
Income Bottom Third	2.9	2.9	2.9	3.0	3.1	3.0	3.0	2.9	2.9	3.0	3.0	3.0	2.8
Income Middle Third	2.7	2.5	2.4	2.4	2.6	2.7	2.8	2.8	2.7	2.4	2.2	2.3	2.4
Income Top Third	2.5	2.4	2.3	2.5	2.4	2.5	2.3	2.4	2.3	2.3	2.2	2.2	2.1

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

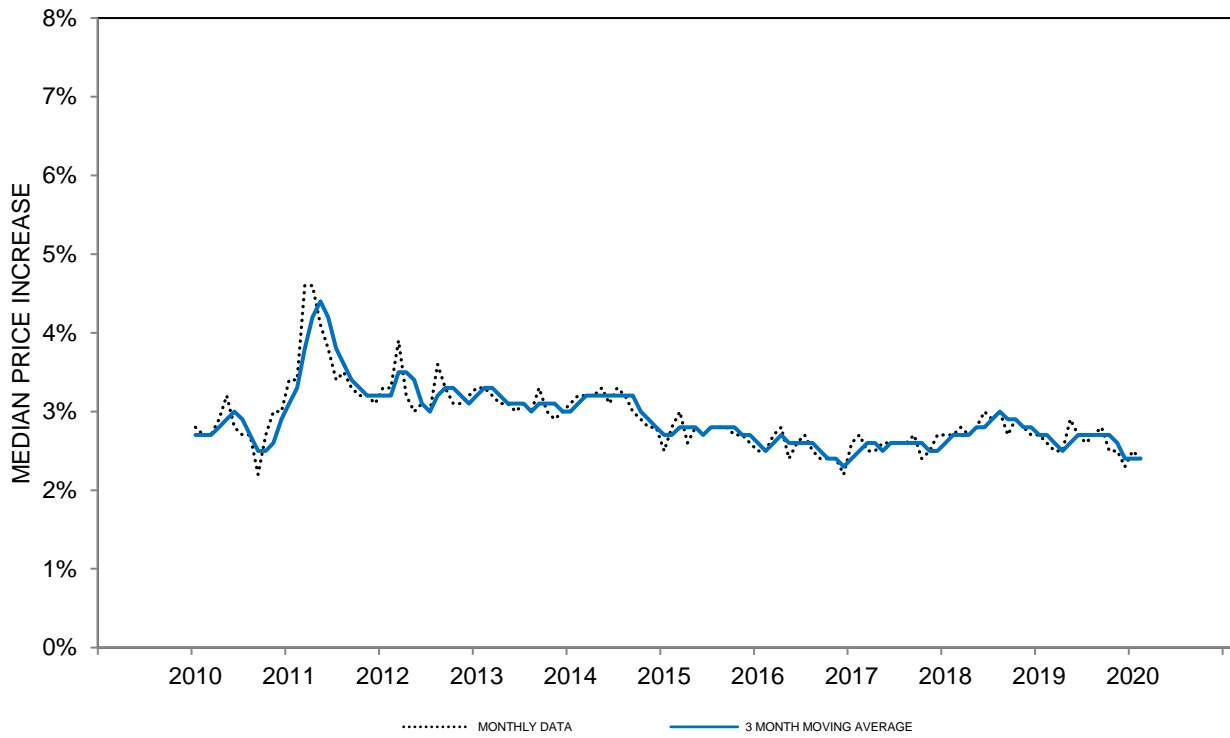


CHART 32: EXPECTED CHANGE IN PRICES DURING THE NEXT YEAR

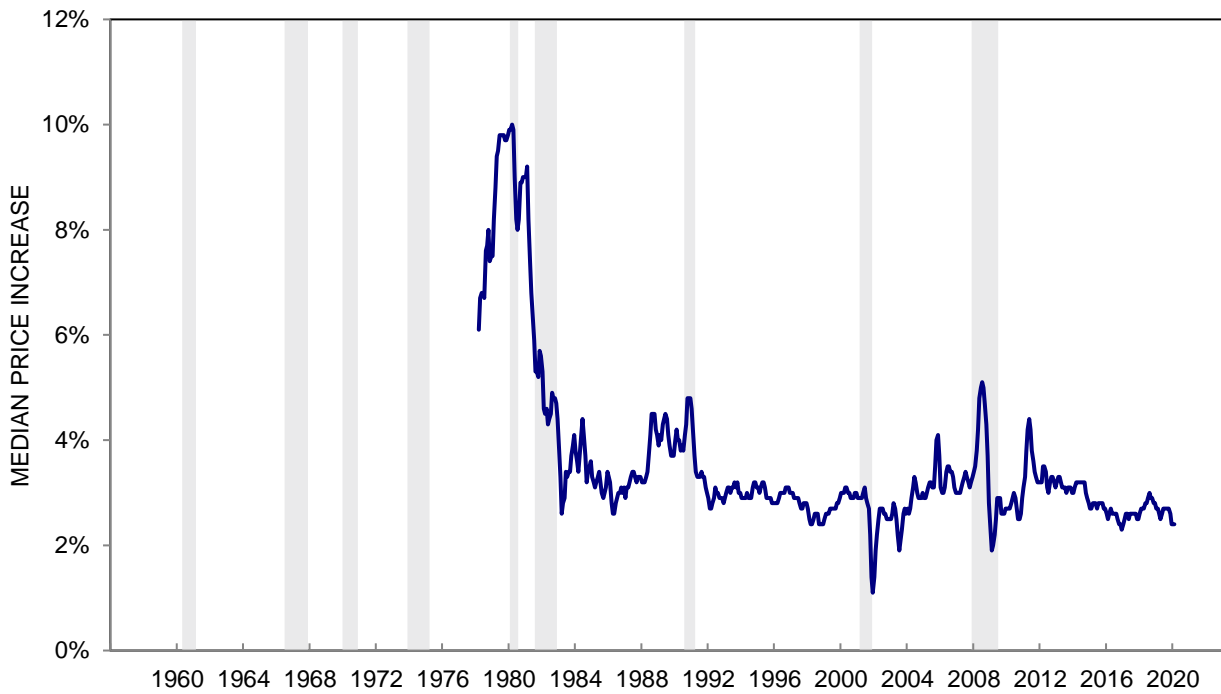


TABLE 33

EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
DOWN	4%	3%	2%	3%	4%	5%	5%	6%	5%	3%	5%	2%	3%
SAME	2	2	3	1	3	2	3	3	4	1	3	3	3
WILL GO UP BY:													
1-2%	44	41	45	38	43	38	36	41	43	42	44	41	43
3-4%	25	30	28	31	29	29	30	26	27	29	25	28	26
5%	8	11	8	10	7	9	10	10	9	9	9	10	9
6-9%	2	3	2	3	2	5	3	3	2	2	3	4	2
10-14%	4	1	3	4	4	3	2	3	3	4	4	3	3
15% or more	1	1	1	1	*	1	1	1	1	1	*	*	1
DK how much up	7	6	6	7	6	6	8	5	5	6	5	7	9
DK, NA	3	2	2	2	2	2	2	2	1	3	2	2	1
TOTAL CASES	100% 601	100% 600	100% 601	100% 602	100% 602	100% 602	100% 601	100% 601	100% 650	100% 631	100% 634	100% 621	100% 620
MEDIAN INCREASE	2.3	2.5	2.3	2.6	2.3	2.5	2.6	2.4	2.3	2.5	2.2	2.5	2.3
25th PERCENTILE	1.3	1.4	1.3	1.4	1.2	1.3	1.3	1.3	1.1	1.3	1.2	1.4	1.3
75th PERCENTILE	3.4	3.4	3.4	3.6	3.4	3.6	3.5	3.5	3.3	3.6	3.3	3.4	3.4
INTERQUARTILE RANGE (75th-25th)	2.1	2.1	2.0	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1
MEAN INCREASE	2.7	2.7	2.7	3.0	2.6	2.9	2.7	2.7	2.6	2.8	2.6	2.8	2.7
VARIANCE	7	5	5	7	7	8	7	8	7	8	6	7	7

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

All	2.5	2.5	2.4	2.5	2.4	2.5	2.5	2.5	2.4	2.4	2.3	2.4	2.3
Age 18 to 44	2.3	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.3	2.3
Age 45 to 64	2.5	2.6	2.4	2.6	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.4
Age 65+	2.5	2.6	2.6	2.7	2.5	2.6	2.6	2.6	2.5	2.4	2.3	2.4	2.4
Income Bottom Third	2.6	2.6	2.7	2.8	2.8	2.7	2.5	2.5	2.5	2.6	2.7	2.6	2.6
Income Middle Third	2.6	2.5	2.4	2.3	2.3	2.4	2.5	2.5	2.3	2.2	2.1	2.4	2.4
Income Top Third	2.3	2.3	2.2	2.4	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.3	2.2

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

*: Less than half of one percent.

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

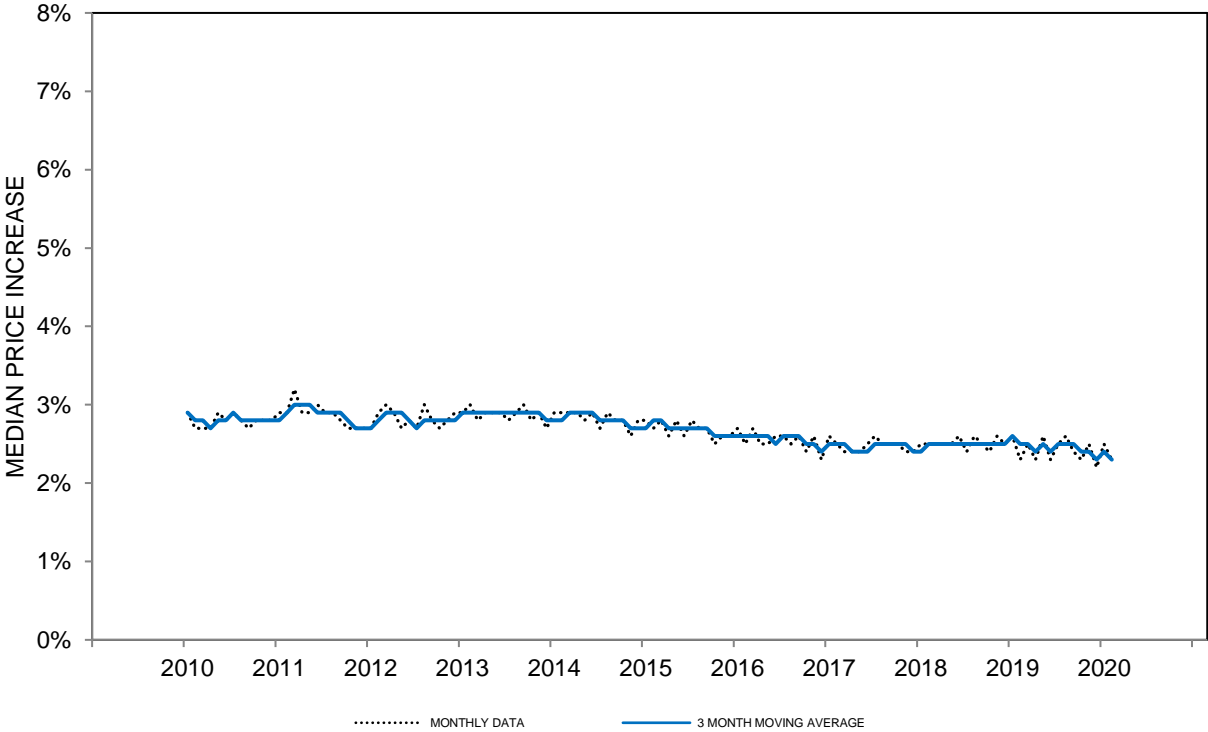


CHART 33: EXPECTED CHANGE IN PRICES DURING THE NEXT 5 YEARS

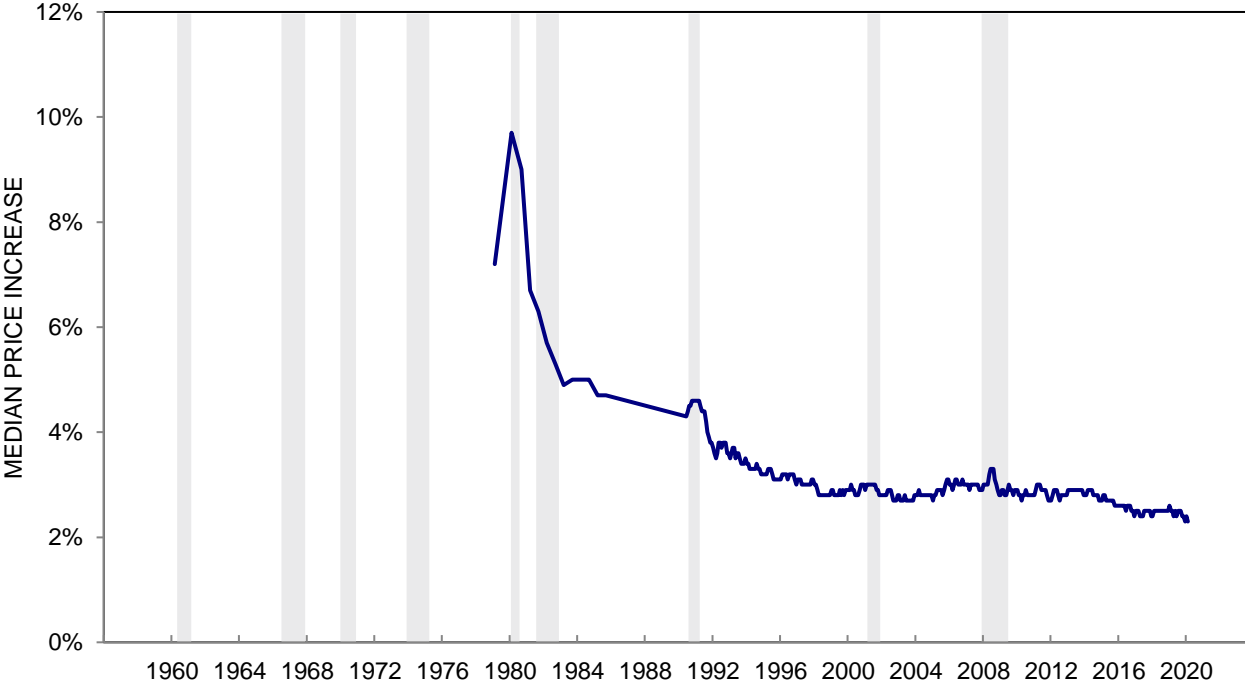


TABLE 34

OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
A GOOD JOB	32%	36%	35%	38%	37%	32%	32%	35%	35%	34%	37%	34%	40%
ONLY FAIR	34	34	33	33	32	40	36	30	33	34	34	35	33
A POOR JOB	31	28	30	28	30	26	30	34	30	30	28	27	26
DK, NA	3	2	2	1	1	2	2	1	2	2	1	4	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	101	108	105	110	107	106	102	101	105	104	109	107	114

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

All	99	100	105	108	107	108	105	103	103	103	106	107	110
Age 18 to 44	88	94	96	99	97	96	94	92	93	96	95	93	93
Age 45 to 64	105	102	108	110	112	114	113	111	108	108	112	117	123
Age 65+	109	110	112	118	116	118	113	109	109	108	115	113	116
Income Bottom Third	85	88	91	90	88	93	95	94	95	93	95	91	95
Income Middle Third	100	102	108	115	117	111	108	102	104	107	109	111	112
Income Top Third	110	109	113	117	118	117	112	112	110	110	114	116	120

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

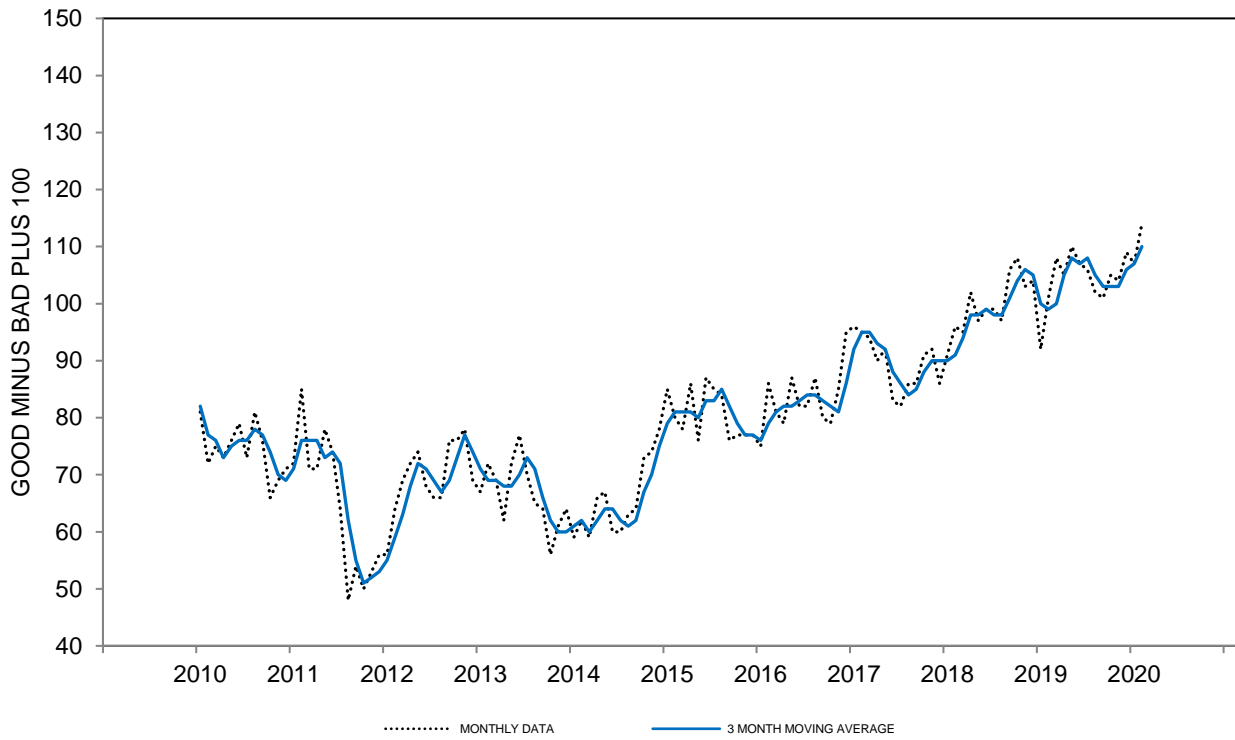


CHART 34: OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

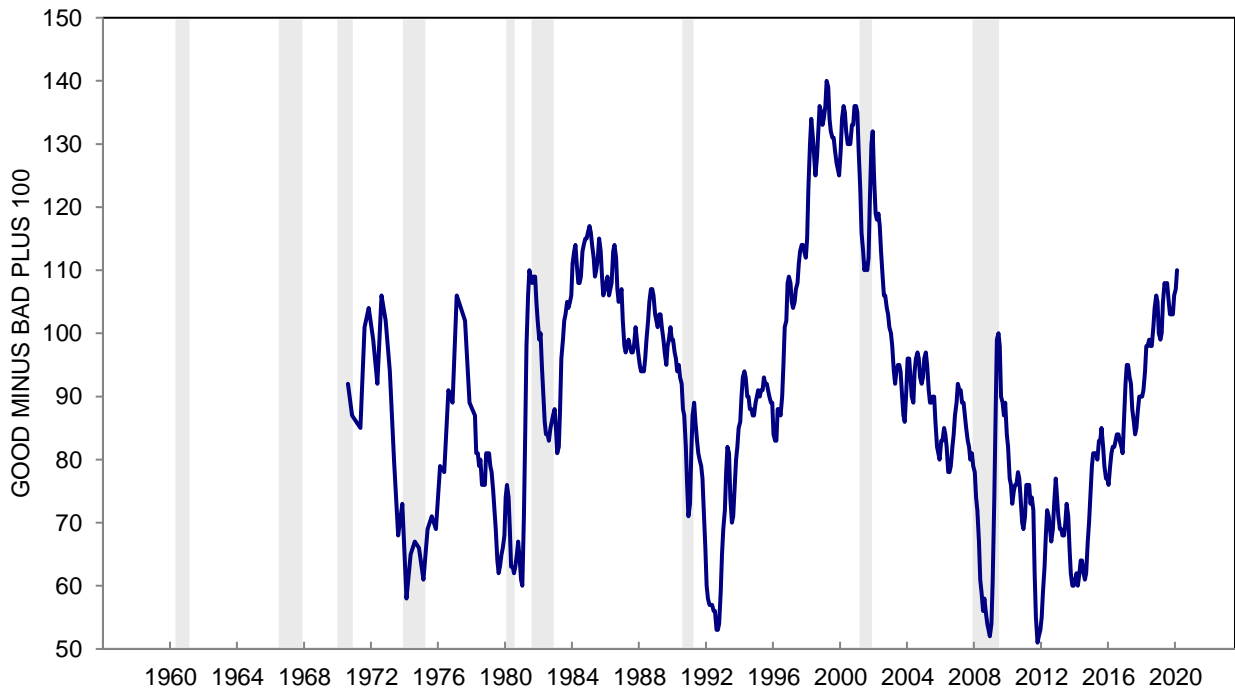


TABLE 35

BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO BUY	76%	74%	75%	72%	78%	75%	70%	70%	77%	75%	80%	79%	75%
UNCERTAIN, DEPENDS	6	8	9	7	4	6	6	10	6	6	4	5	7
BAD TIME TO BUY	18	18	16	21	18	19	24	20	17	19	16	16	18
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	158	156	159	151	160	156	146	150	160	156	164	163	157

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

All	161	156	158	155	157	156	154	151	152	155	160	161	161
Age 18 to 44	157	153	153	151	155	153	152	146	151	153	156	153	152
Age 45 to 64	162	158	161	159	156	155	153	153	150	155	163	167	166
Age 65+	165	159	160	159	162	162	157	154	155	158	162	165	170
Income Bottom Third	154	147	149	149	150	148	144	142	146	152	152	153	154
Income Middle Third	163	162	162	157	159	158	159	152	158	159	165	162	163
Income Top Third	167	163	165	162	162	162	160	159	153	154	161	167	168

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

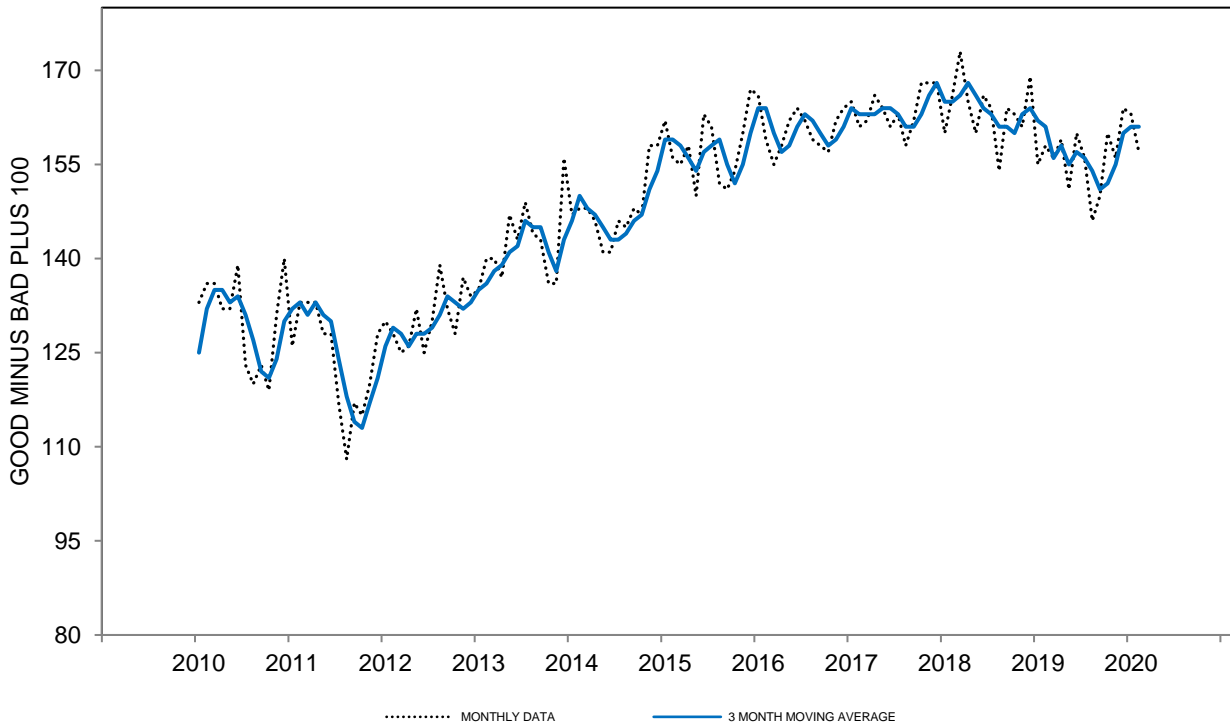


CHART 35: BUYING CONDITIONS FOR LARGE HOUSEHOLD DURABLES

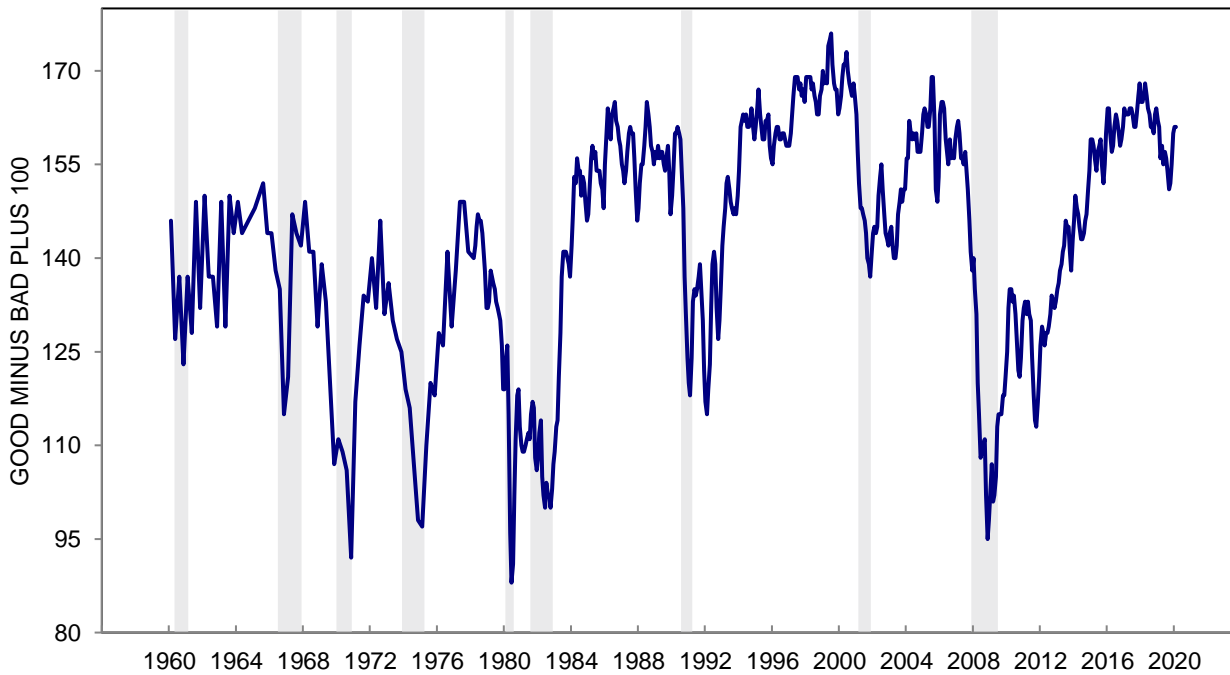


TABLE 36

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

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO BUY													
Prices are low; good buys available	39%	31%	35%	34%	28%	38%	32%	27%	33%	40%	46%	41%	34%
Prices won't come down; are going higher	10	10	8	12	18	11	12	14	13	10	9	8	11
Interest rates are low	6	7	8	9	7	10	9	7	12	9	7	9	11
Borrow-in-advance of rising interest rates	1	1	1	*	1	*	*	*	1	*	1	*	*
Times are good; prosperity	18	20	24	18	22	20	17	21	21	17	20	22	21
BAD TIME TO BUY													
Prices are high	10	12	10	13	10	11	16	11	11	11	10	9	10
Interest rates are high; credit is tight	3	3	1	3	2	2	3	4	2	2	2	2	2
Times are bad; can't afford to buy	3	3	3	4	3	4	3	3	2	2	2	3	4
Bad times ahead; uncertain future	5	3	4	4	4	4	4	5	6	4	3	3	4

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

All	31	25	24	22	21	22	20	20	18	22	29	32	31
Age 18 to 44	28	21	23	20	21	19	18	14	15	19	29	31	28
Age 45 to 64	32	28	26	23	19	21	21	23	20	25	32	35	32
Age 65+	34	28	25	23	23	24	20	21	18	22	25	30	31
Income Bottom Third	33	26	26	23	22	22	18	18	17	24	27	29	28
Income Middle Third	29	23	24	22	24	21	22	19	21	23	29	29	27
Income Top Third	33	29	28	24	21	22	21	21	17	20	31	37	36

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

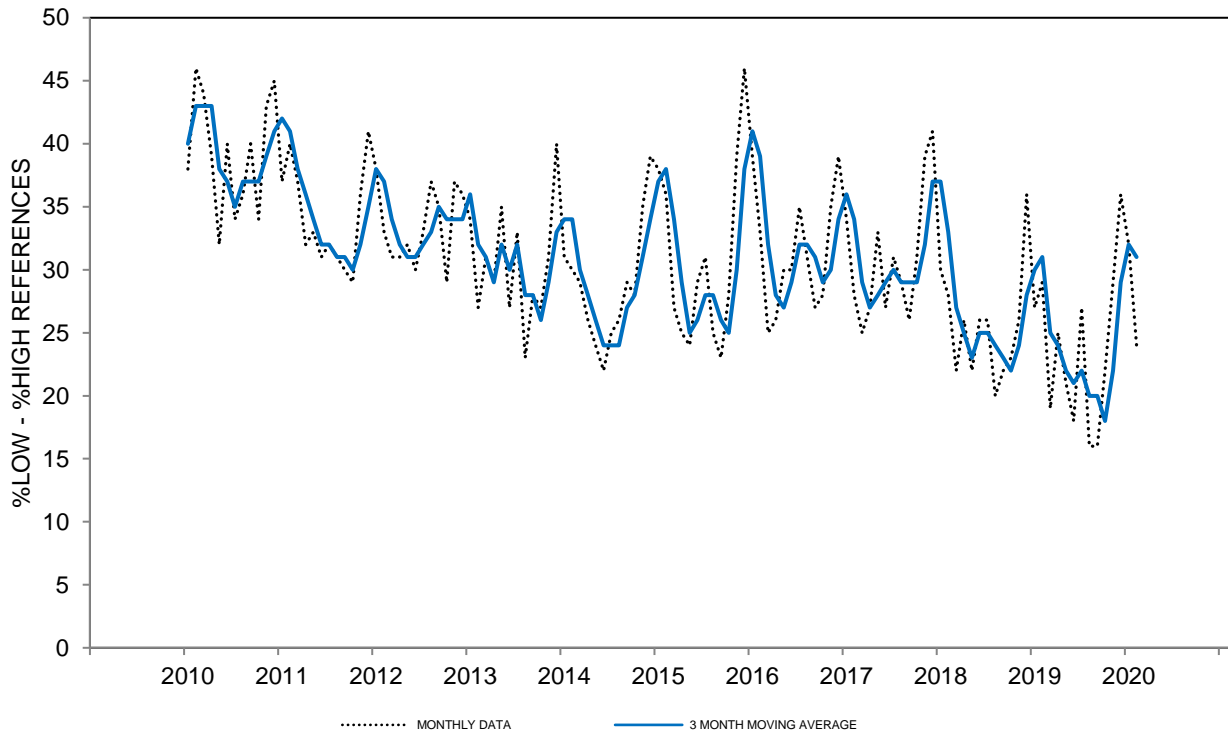
All	4	4	5	6	6	6	6	6	6	7	7	6	7
Age 18 to 44	2	2	3	4	5	6	7	6	6	6	7	5	6
Age 45 to 64	5	5	7	9	8	7	5	7	8	9	10	9	9
Age 65+	4	5	4	6	4	6	6	6	6	5	6	5	6
Income Bottom Third	2	0	1	3	4	5	4	3	4	4	5	3	3
Income Middle Third	4	5	5	6	5	6	6	6	8	9	9	7	7
Income Top Third	6	7	9	9	10	9	10	10	9	9	10	11	13

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)**

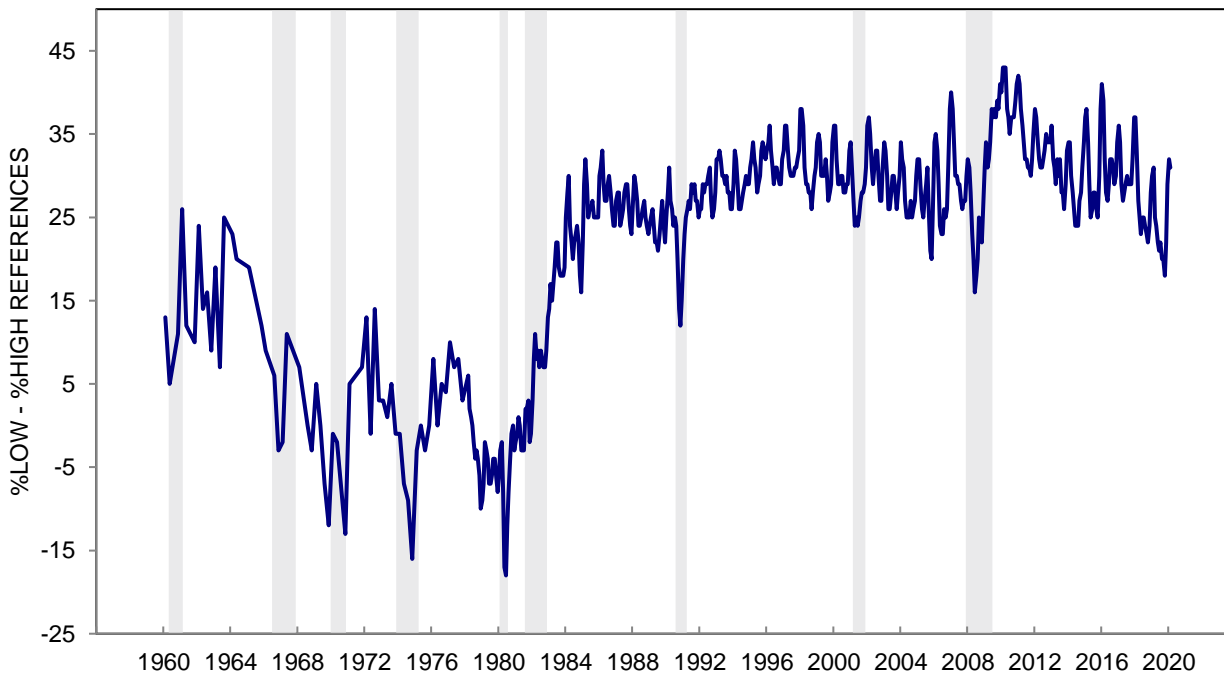


CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES

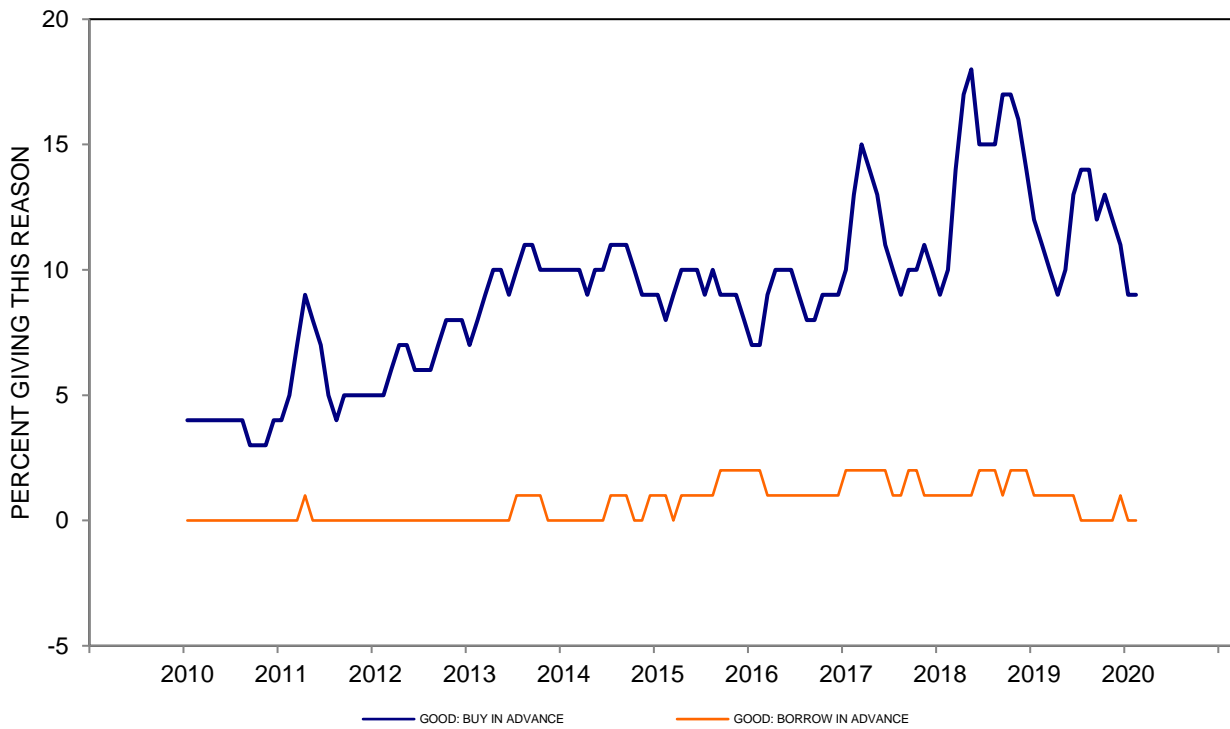
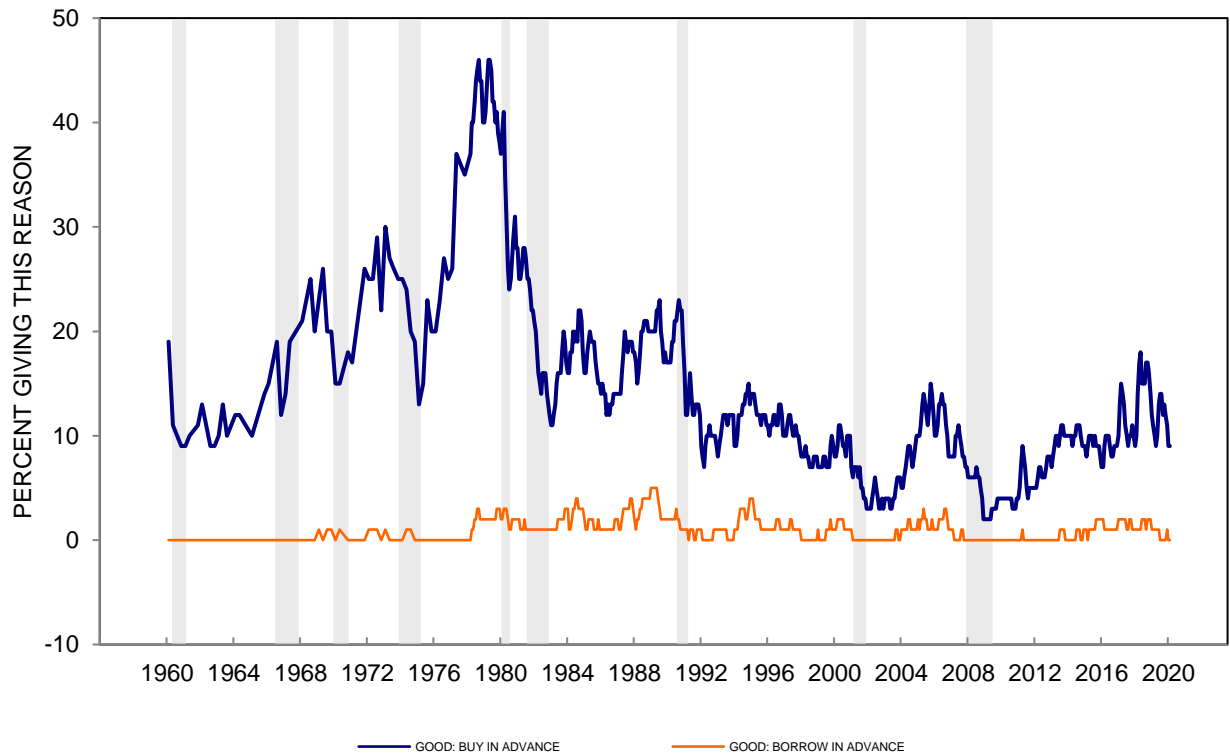
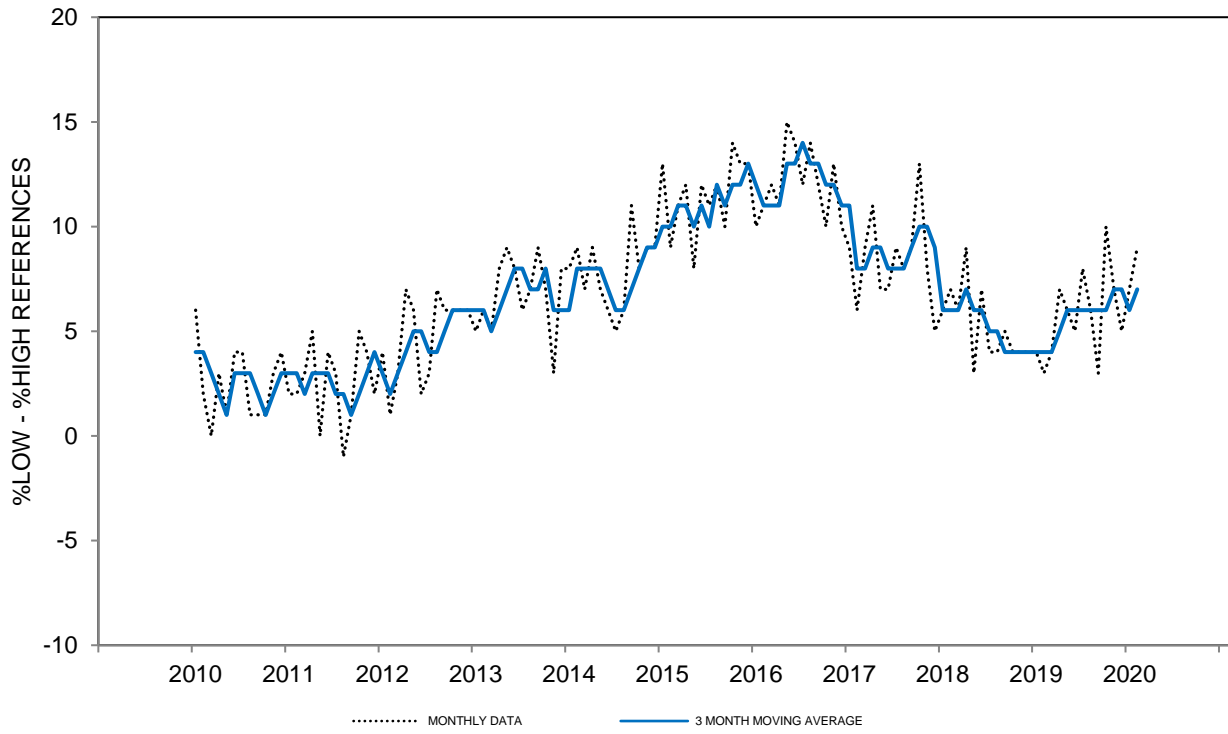


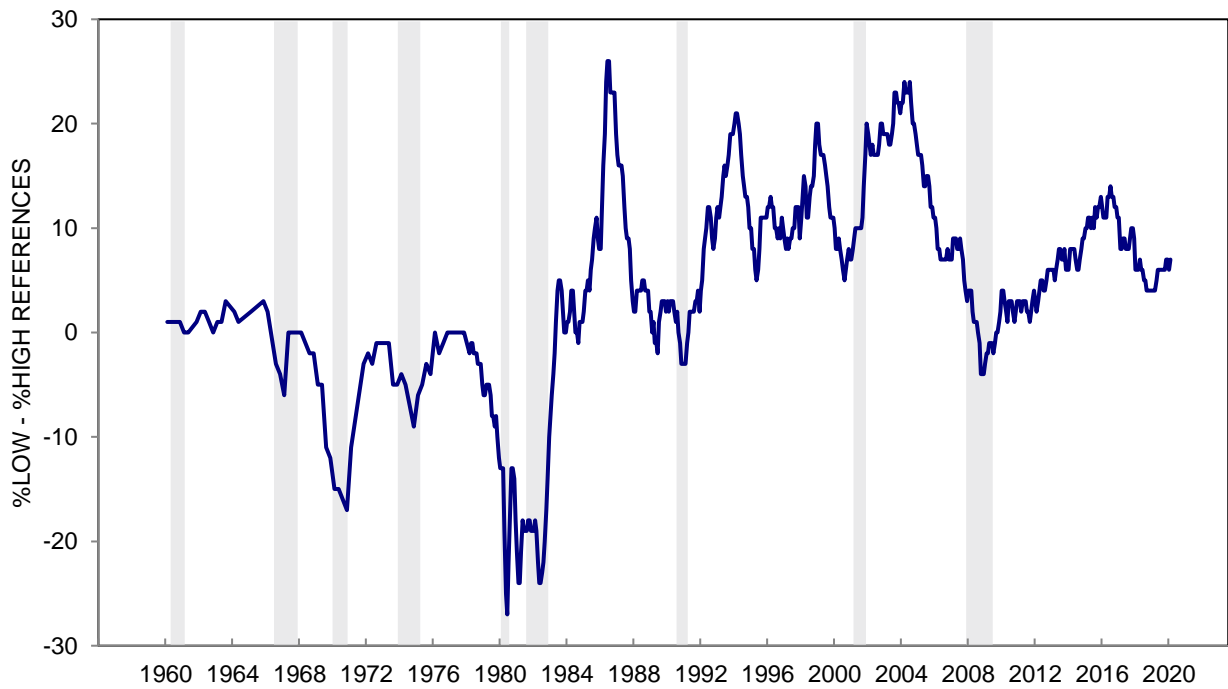
CHART 36B: ADVANCE BUYING RATIONALES FOR LARGE HOUSEHOLD DURABLES



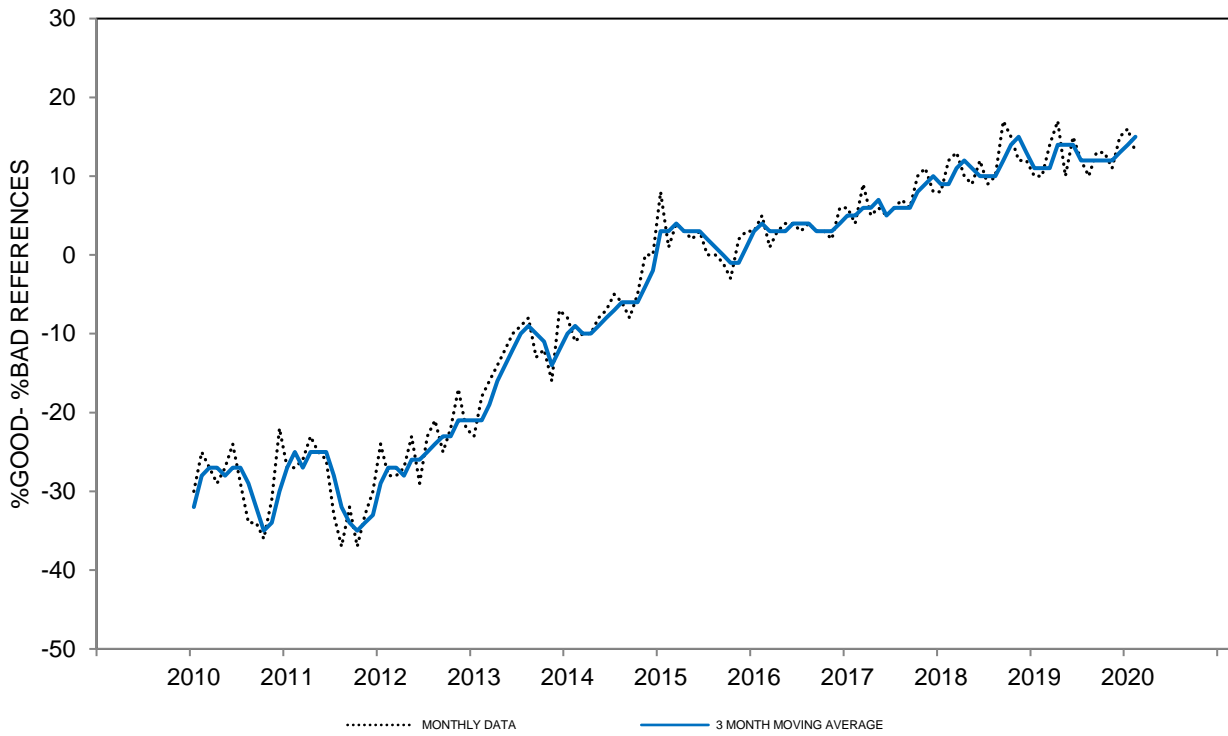
**CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



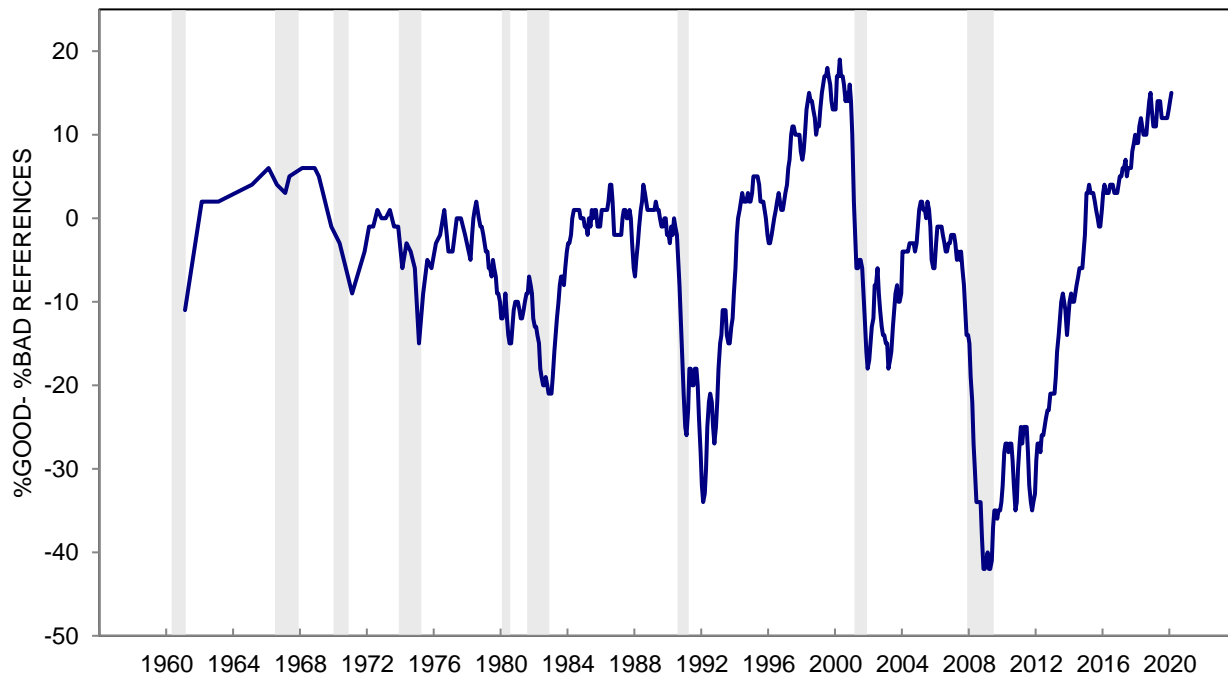
**CHART 36C: INTEREST RATE REASONS FOR LARGE HOUSEHOLD DURABLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



**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)**



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TABLE 37**BUYING CONDITIONS FOR VEHICLES**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO BUY	61%	62%	61%	62%	63%	62%	58%	62%	64%	63%	67%	61%	63%
UNCERTAIN, DEPENDS	6	8	8	7	4	5	7	7	6	5	4	6	8
BAD TIME TO BUY	33	30	31	31	33	33	35	31	30	32	29	33	29
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	128	132	130	131	130	129	123	131	134	131	138	128	134

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

All	126	128	130	131	130	130	127	128	129	132	134	132	133
Age 18 to 44	117	124	123	123	122	123	120	120	123	128	130	123	122
Age 45 to 64	127	124	131	133	133	133	129	130	130	133	138	138	138
Age 65+	137	139	141	141	141	138	136	136	137	135	136	140	145
Income Bottom Third	118	119	119	125	124	128	121	123	125	125	122	115	119
Income Middle Third	130	132	135	131	132	127	125	125	127	130	133	133	136
Income Top Third	129	133	135	137	136	135	137	135	136	139	145	147	144

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

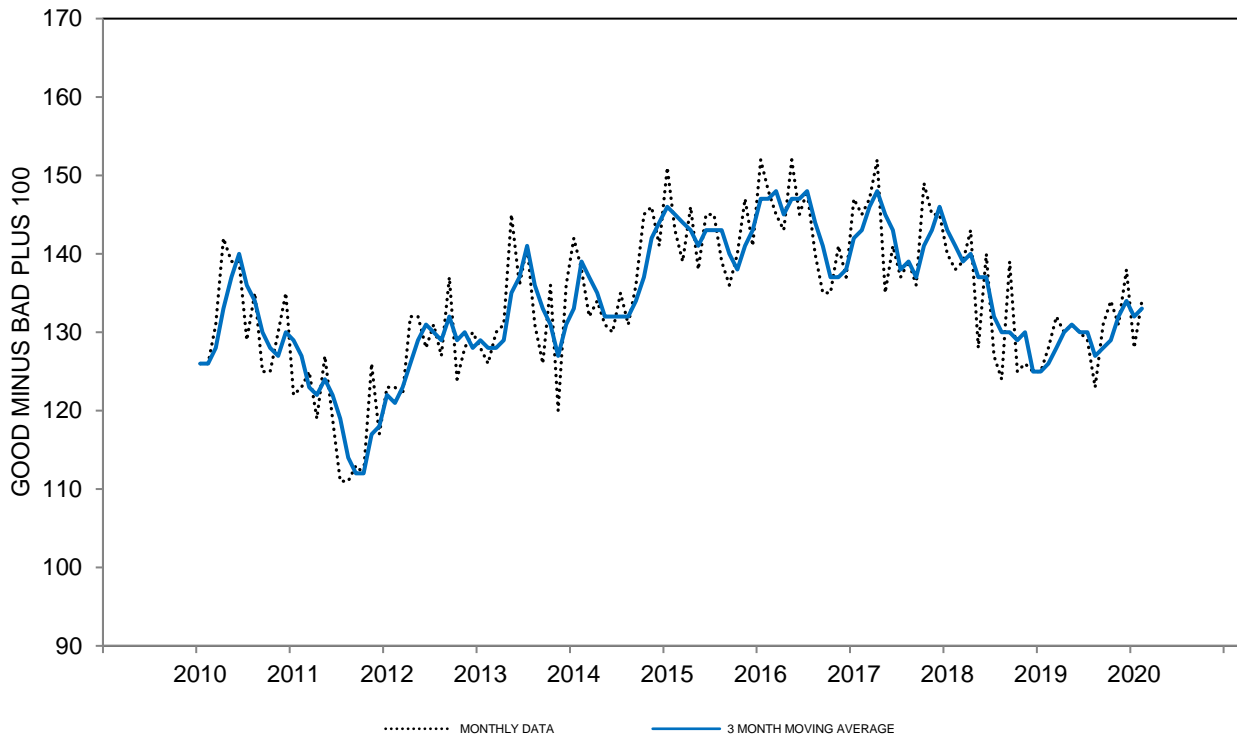


CHART 37: BUYING CONDITIONS FOR VEHICLES

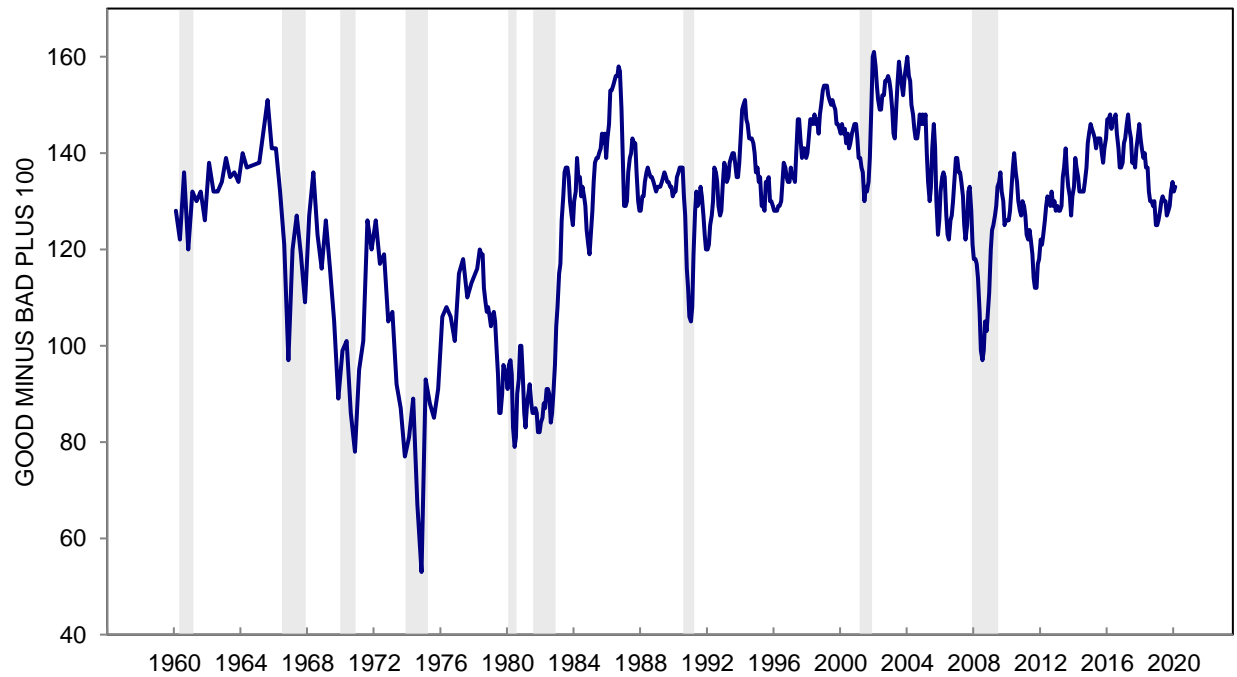


TABLE 38

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR VEHICLES

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO BUY													
Prices are low; good buys available	24%	24%	20%	25%	22%	25%	24%	25%	24%	28%	25%	21%	23%
Prices won't come down; are going higher	8	6	5	6	10	7	4	5	7	5	5	6	6
Interest rates are low	13	16	15	17	12	18	18	16	19	20	18	18	19
Borrow-in-advance of rising interest rates	3	2	2	2	1	*	*	*	1	*	1	1	1
Times are good; prosperity	14	17	20	16	19	18	14	18	16	13	21	18	18
New fuel efficient model	2	1	1	2	1	2	1	*	1	1	1	2	2
BAD TIME TO BUY													
Prices are high	18	19	20	20	21	20	23	18	19	22	20	20	19
Interest rates are high; credit is tight	7	7	5	4	4	3	7	4	3	4	4	4	3
Times are bad; can't afford to buy	3	4	3	4	4	3	5	5	2	4	3	3	4
Bad times ahead; uncertain future	6	3	3	4	4	5	4	5	5	5	3	4	4
Price of gas; shortages	1	1	1	2	1	2	1	1	2	1	*	2	*
Poor selection; quality	5	3	4	5	3	4	3	4	3	4	2	4	4

SELECTED REASONS FOR OPINIONS ABOUT VEHICLE BUYING CONDITIONS

PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)

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

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

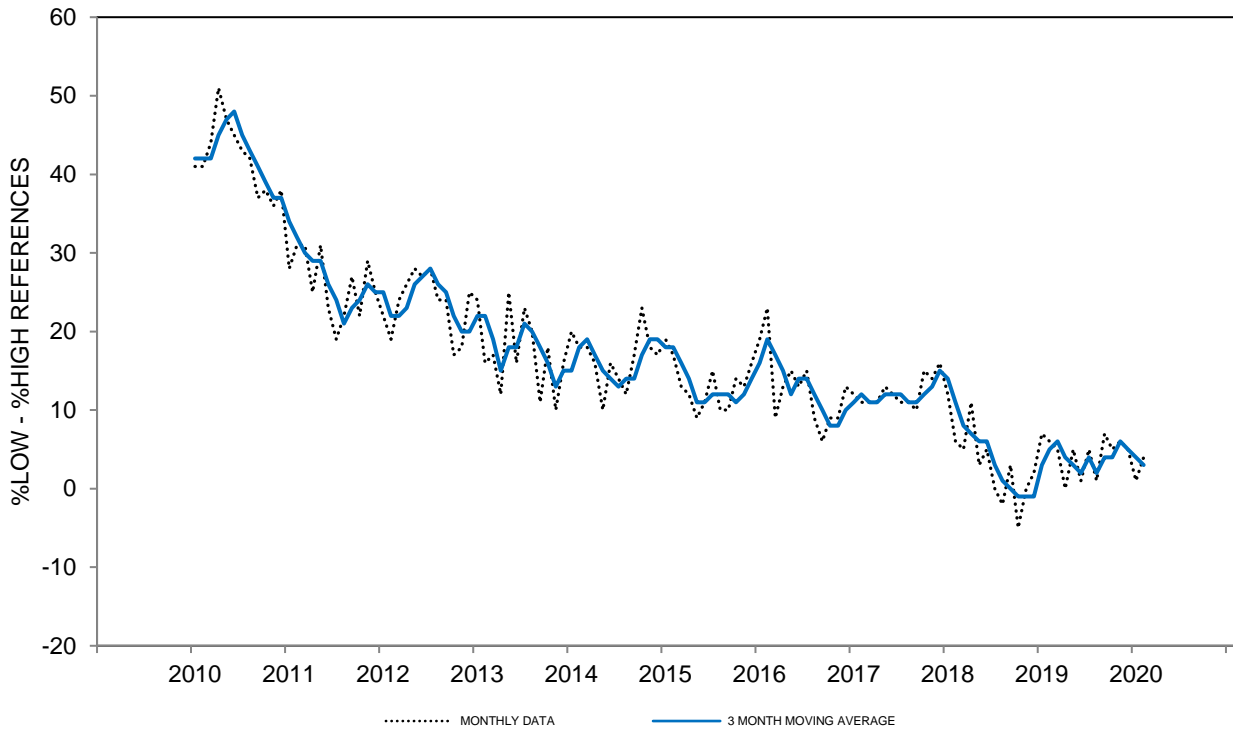
All	7	8	8	11	10	12	11	13	13	15	15	15	15
Age 18 to 44	3	3	4	6	7	9	8	8	9	11	12	11	11
Age 45 to 64	10	10	11	15	15	15	13	16	16	19	19	21	20
Age 65+	9	11	11	12	10	11	12	14	14	14	15	13	14
Income Bottom Third	4	4	2	6	4	7	5	6	6	6	5	4	6
Income Middle Third	7	8	8	9	9	13	12	13	13	16	16	14	16
Income Top Third	11	11	15	18	18	16	18	21	21	23	26	28	24

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)**

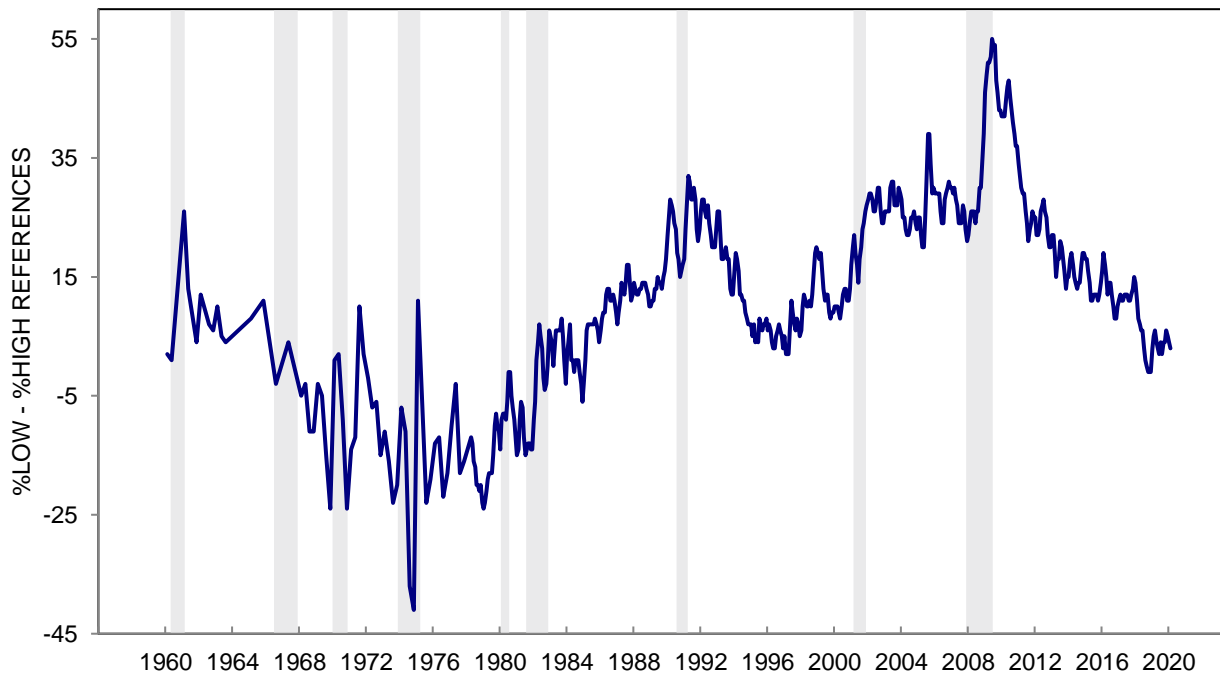


CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES

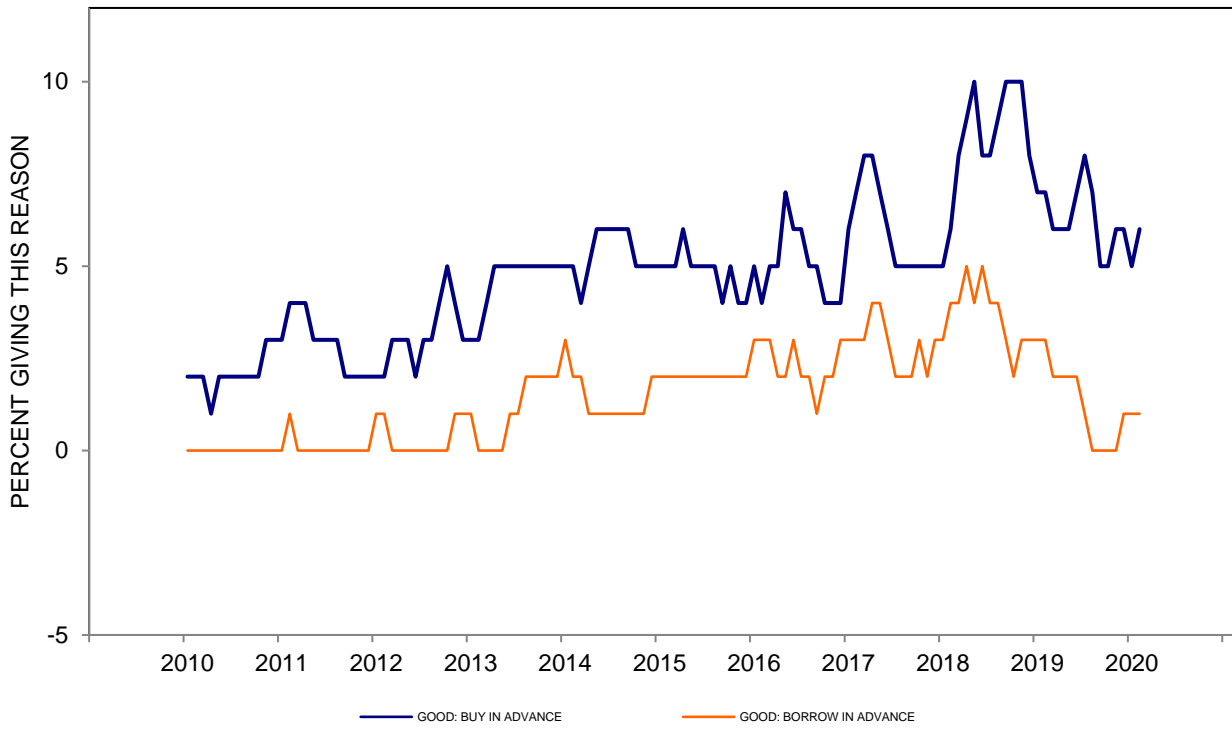
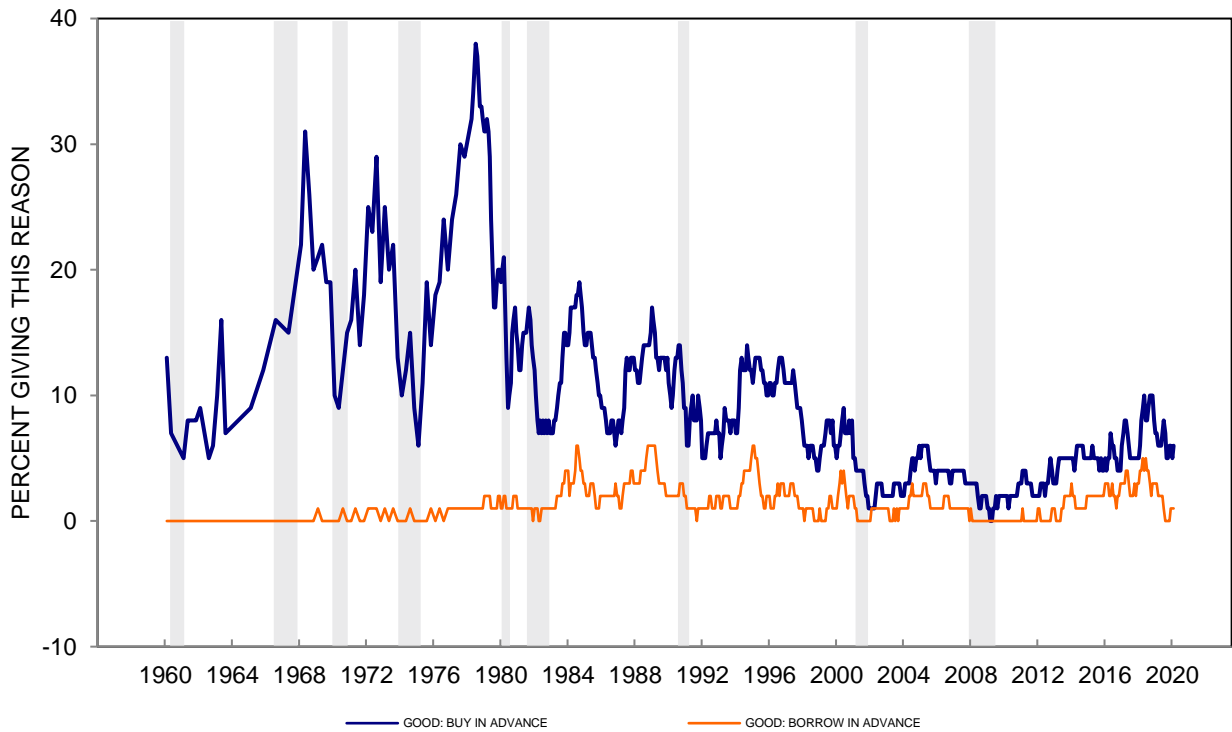
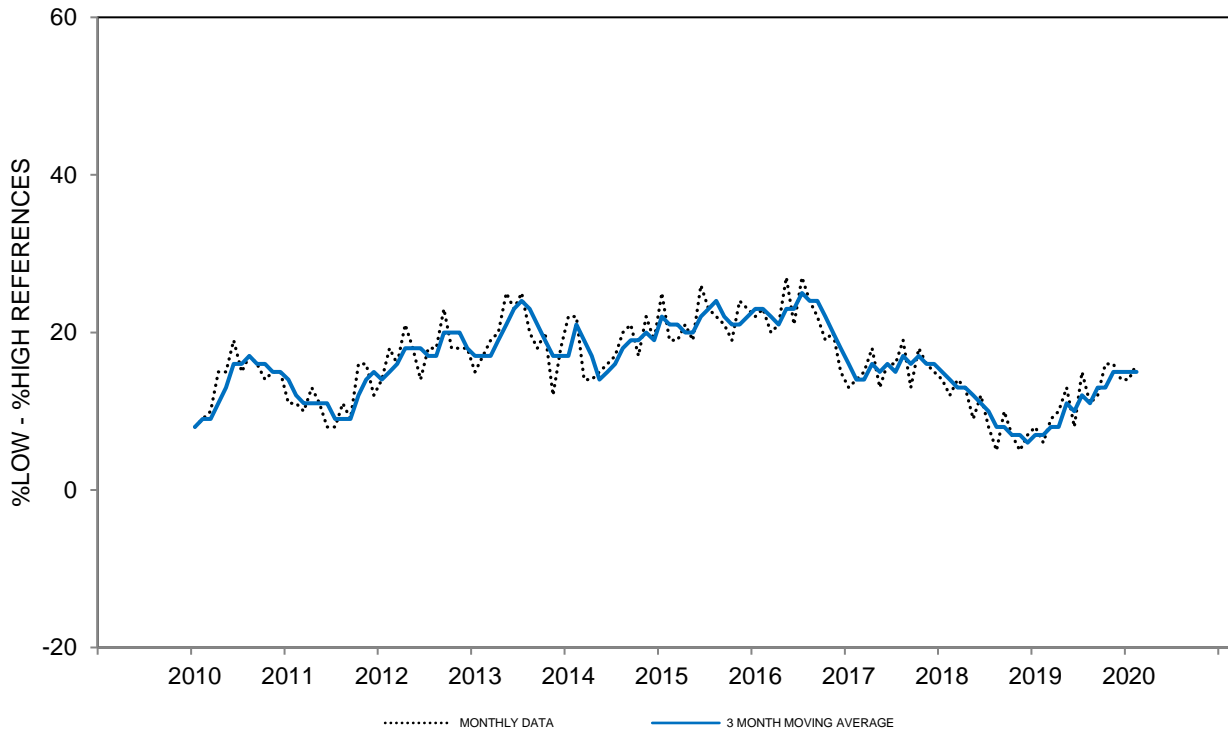


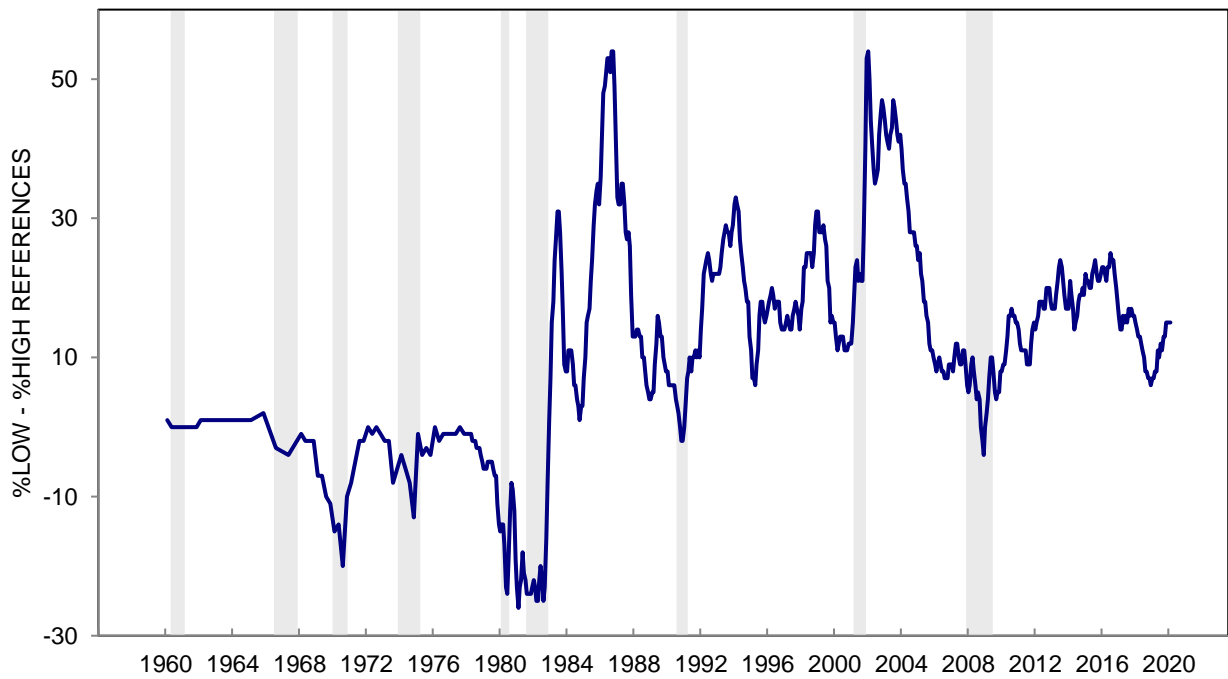
CHART 38B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR VEHICLES



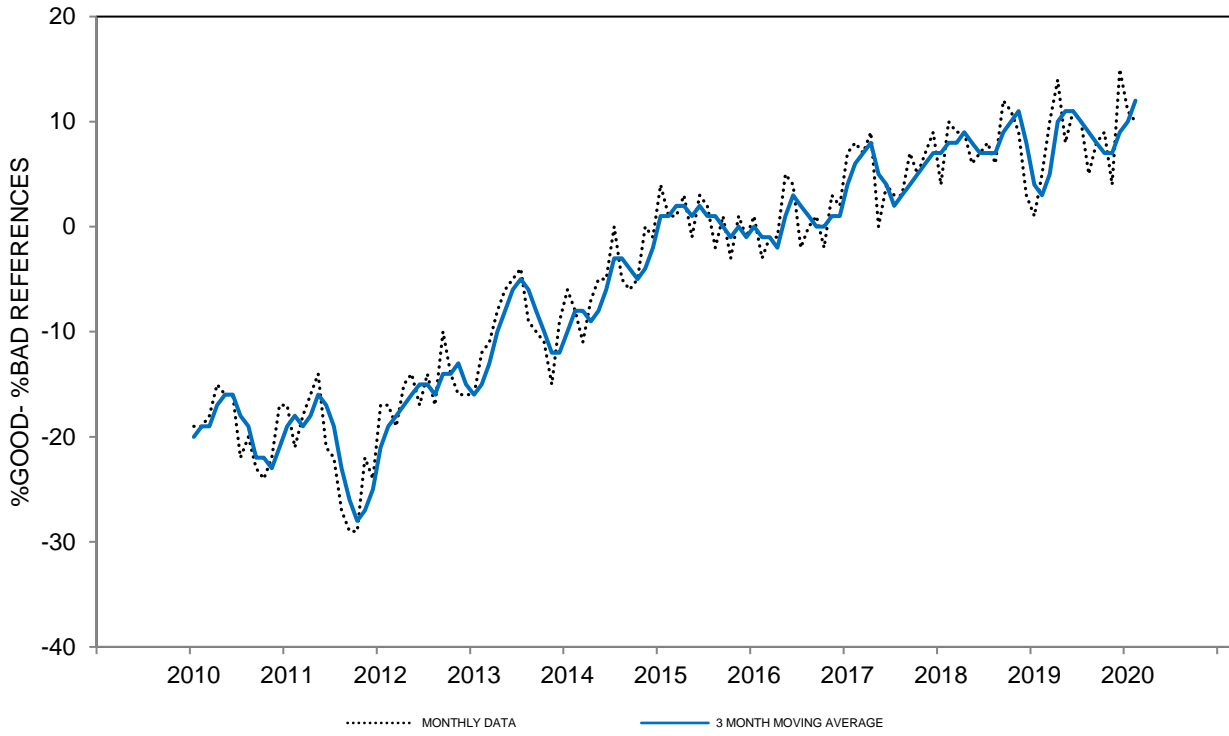
**CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



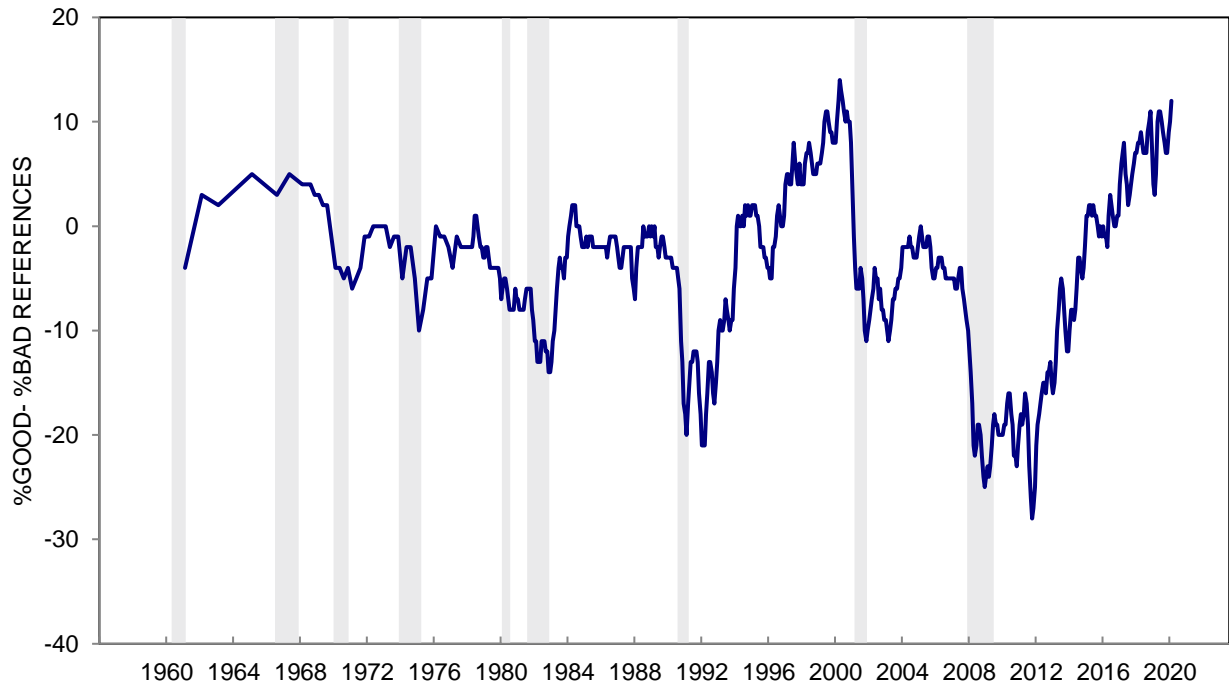
**CHART 38C: INTEREST RATE REASONS FOR BUYING CONDITIONS FOR VEHICLES
(%LOW INTEREST RATES - %HIGH INTEREST RATES)**



**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)**



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TABLE 39

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
INCREASE	48%	45%	53%	52%	44%	47%	41%	38%	45%	43%	38%	53%	39%
REMAIN THE SAME	46	49	42	41	49	43	53	52	48	50	54	42	54
DECREASE	5	6	5	6	7	9	5	9	5	6	7	5	6
DK, NA	1	*	*	1	*	1	1	1	2	1	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
MEDIAN INCREASE (¢)	0.5	0.4	4.7	3.3	0.4	0.4	0.3	0.3	0.4	0.4	0.3	4.6	0.3
MEAN INCREASE (¢)	13.7	12.1	11.2	11.3	9.3	9.5	9.2	7.7	12.0	8.9	8.0	15.1	7.0

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

All	1.3	1.3	1.9	2.8	2.8	1.4	0.4	0.3	0.3	0.4	0.4	1.8	1.7
Age 18 to 44	1.1	1.1	2.1	2.1	2.2	1.2	0.5	0.4	0.4	0.4	0.4	3.2	3.2
Age 45 to 64	2.0	2.0	2.0	3.5	3.5	1.9	0.4	0.3	0.3	0.4	0.3	1.7	1.7
Age 65+	2.0	1.9	1.3	1.3	1.3	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.3
Income Bottom Third	1.1	1.7	4.3	5.1	4.6	2.0	0.4	0.4	2.5	2.6	2.6	2.0	2.0
Income Middle Third	3.1	3.1	2.4	3.4	3.4	2.8	1.7	1.7	0.3	0.3	0.3	1.5	1.5
Income Top Third	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3	0.4	0.3

The question was:

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

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

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

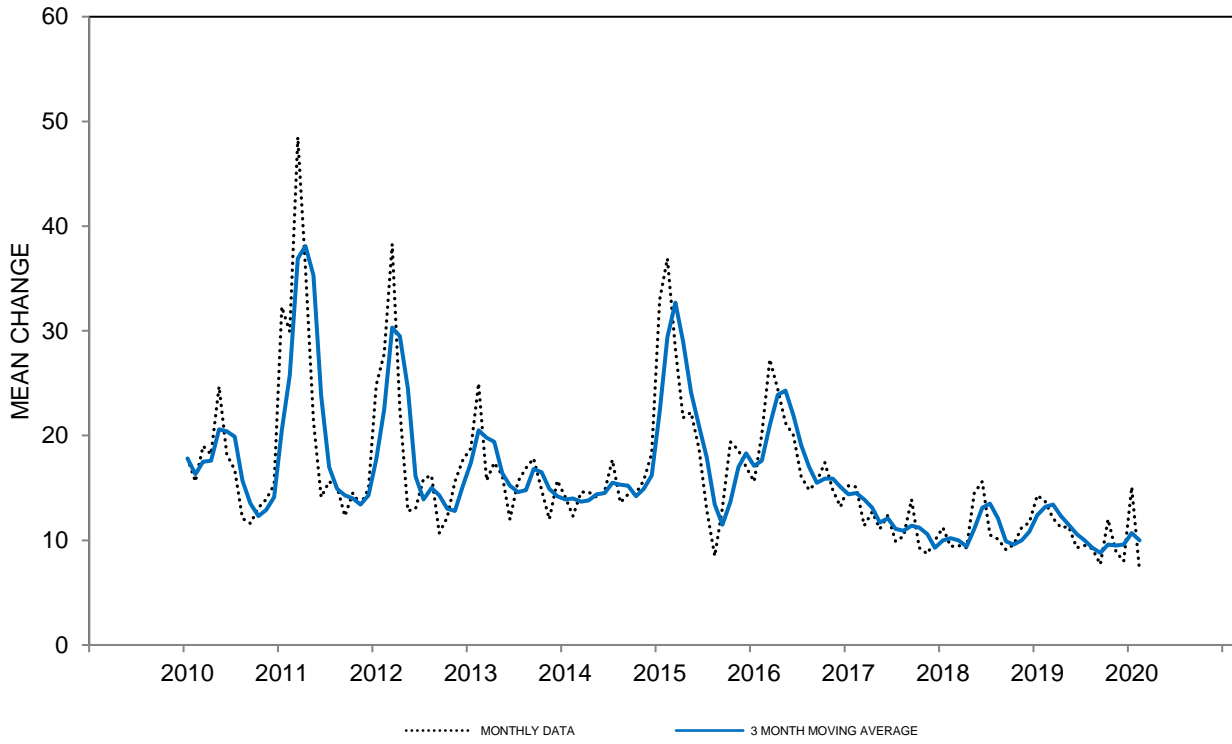


CHART 39: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT YEAR

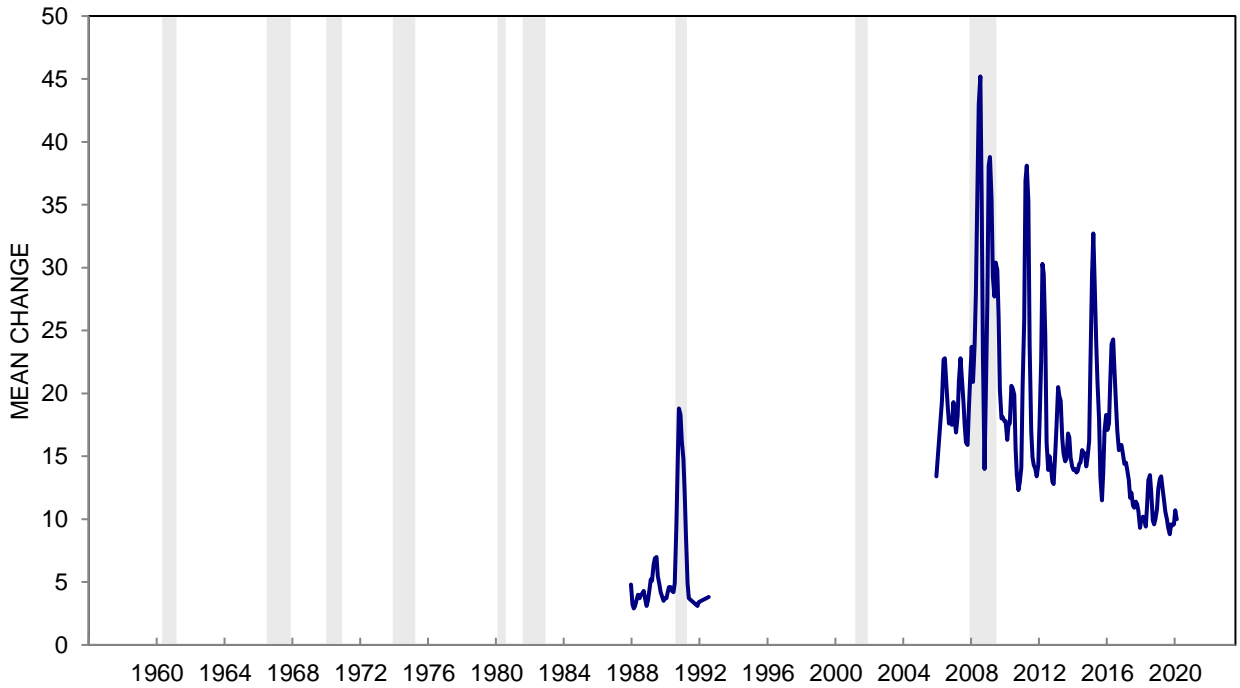


TABLE 40

EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
INCREASE	62%	60%	63%	66%	62%	64%	60%	58%	60%	59%	58%	63%	60%
REMAIN THE SAME	30	33	31	26	31	28	33	35	33	33	35	28	33
DECREASE	6	6	4	7	6	6	5	6	5	6	6	6	5
DK, NA	2	1	2	1	1	2	2	1	2	2	1	3	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
MEDIAN INCREASE (¢)	24.9	17.7	24.9	20.4	20.4	20.4	19.7	14.8	20.3	15.0	13.4	24.5	17.3
MEAN INCREASE (¢)	44.9	37.7	39.3	38.9	39.7	39.8	32.9	35.8	40.4	30.6	35.1	42.2	33.9

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

All	22.8	22.6	22.5	21.0	21.9	20.4	20.2	18.3	18.3	16.7	16.2	17.6	18.4
Age 18 to 44	29.6	29.7	28.2	23.4	27.8	26.2	24.7	18.8	20.5	20.2	24.5	26.2	29.5
Age 45 to 64	21.5	20.1	23.7	25.3	26.9	23.4	21.6	19.1	17.6	17.0	12.9	14.4	15.6
Age 65+	19.4	17.4	13.9	12.7	12.0	13.7	11.5	12.0	7.5	7.5	7.2	6.8	3.5
Income Bottom Third	16.7	22.7	26.2	24.6	23.5	20.1	20.1	16.6	21.5	20.4	18.0	15.5	14.8
Income Middle Third	23.3	21.7	21.5	23.2	26.3	26.5	20.5	15.8	12.5	12.8	16.1	19.3	18.5
Income Top Third	28.4	25.1	21.7	20.0	21.8	20.3	20.1	19.9	19.9	19.9	17.6	17.6	17.9

The question was:

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

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

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

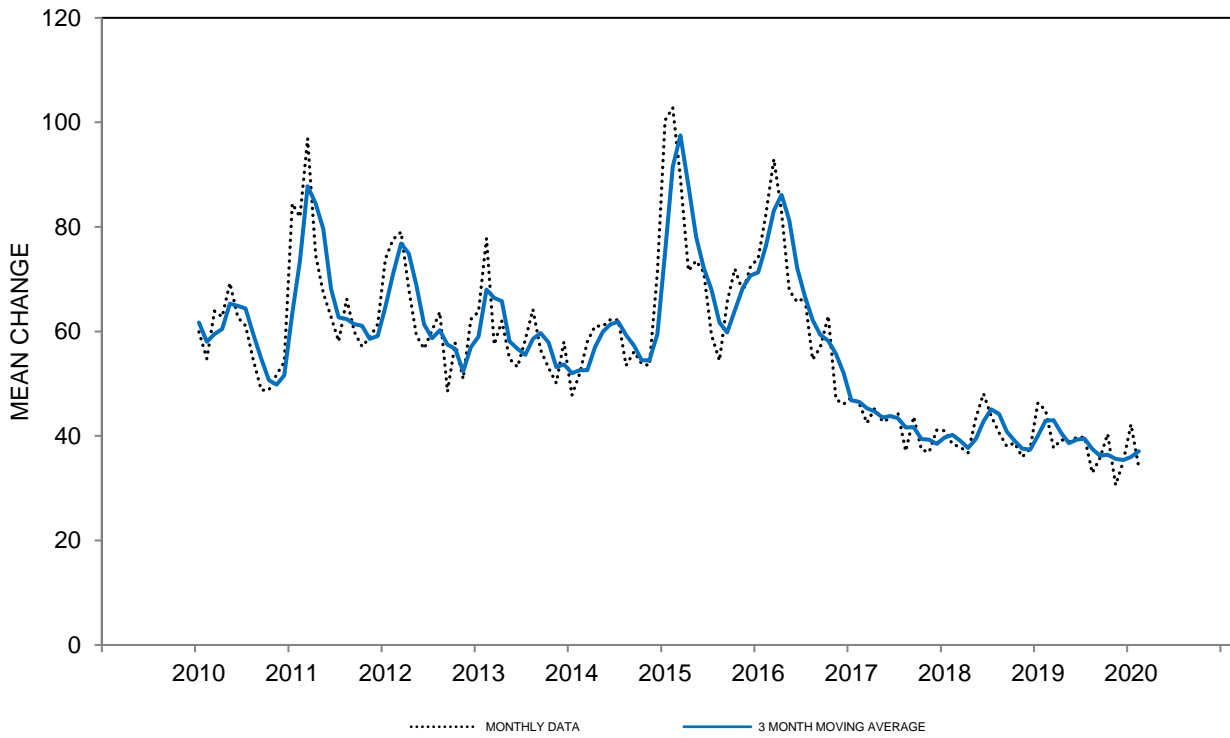


CHART 40: EXPECTED CHANGE IN GASOLINE PRICES DURING THE NEXT 5 YEARS

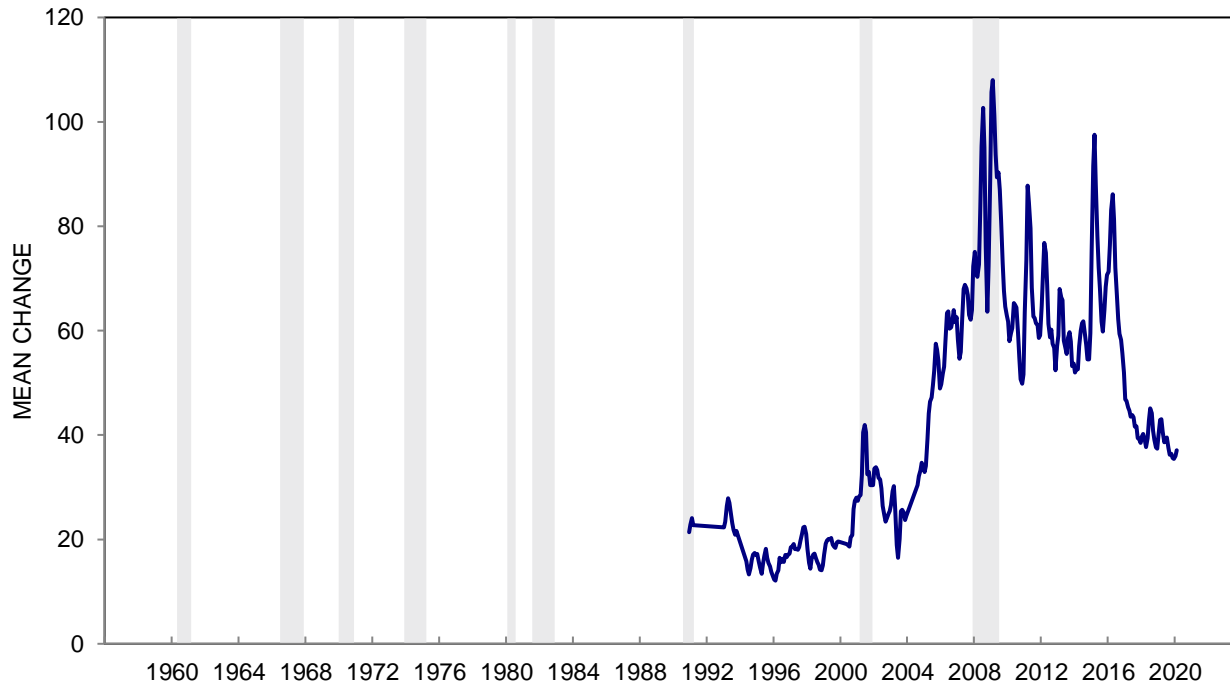


TABLE 41**BUYING CONDITIONS FOR HOUSES**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO BUY	66%	68%	65%	64%	70%	67%	65%	65%	66%	67%	68%	70%	70%
UNCERTAIN, DEPENDS	2	2	3	2	2	3	2	2	2	2	2	3	2
BAD TIME TO BUY	32	30	32	34	28	30	33	33	32	31	30	27	28
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	134	138	133	130	142	137	132	132	134	136	138	143	142

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

All	131	134	135	134	135	136	137	134	133	134	136	139	141
Age 18 to 44	118	123	121	119	120	121	122	115	116	117	119	122	121
Age 45 to 64	133	135	141	141	142	144	145	143	137	139	140	146	149
Age 65+	149	147	148	147	150	149	149	146	150	150	155	153	158
Income Bottom Third	127	128	131	127	129	128	127	124	125	125	127	128	133
Income Middle Third	131	134	134	134	135	140	146	138	134	132	137	145	145
Income Top Third	134	138	138	138	137	139	138	140	140	142	142	142	143

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

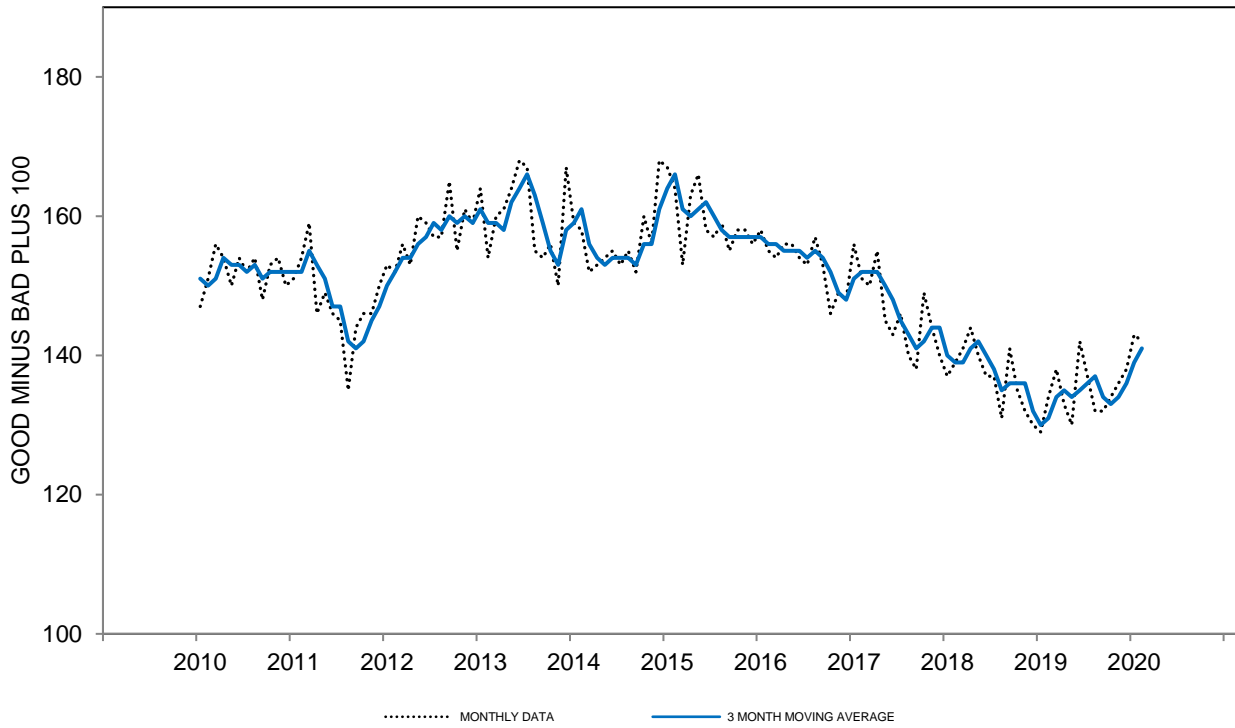


CHART 41: BUYING CONDITIONS FOR HOUSES

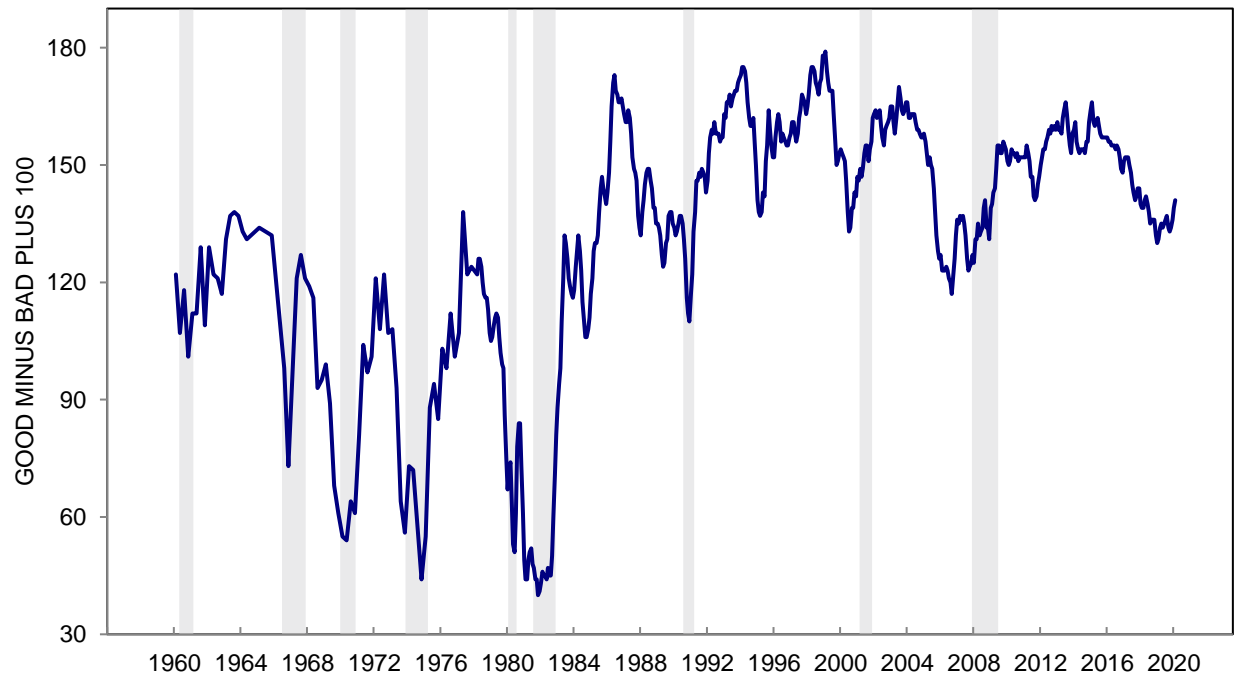


TABLE 42

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR HOUSES

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO BUY													
Prices are low; good buys available	18%	16%	15%	15%	15%	16%	14%	14%	14%	17%	15%	16%	14%
Prices won't come down; are going higher	9	10	8	12	9	8	7	7	9	7	8	8	9
Interest rates are low	29	33	28	28	33	37	38	38	37	41	37	39	42
Borrow-in-advance of rising interest rates	9	9	5	5	3	4	3	4	2	2	3	3	2
Times are good; prosperity	14	17	19	15	21	19	15	16	18	15	20	20	19
Capital appreciation; good investment	11	10	12	11	15	11	12	12	11	9	11	12	9
BAD TIME TO BUY													
Prices are high	24	21	27	25	22	23	26	26	28	25	24	24	23
Interest rates are high; credit is tight	11	10	9	10	8	8	7	6	6	6	7	5	3
Times are bad; can't afford to buy	6	6	8	8	7	8	5	7	4	7	6	6	7
Bad times ahead; uncertain future	5	4	4	3	4	4	6	9	8	6	4	5	7
Capital depreciation; bad investment	1	1	2	1	1	1	1	*	1	1	1	*	*

SELECTED REASONS FOR OPINIONS ABOUT HOME BUYING CONDITIONS

PRICES LOW - PRICES HIGH (THREE MONTH MOVING AVERAGES)

All	-7	-5	-8	-9	-10	-8	-9	-10	-13	-11	-10	-8	-9
Age 18 to 44	-10	-11	-15	-16	-16	-14	-16	-20	-21	-20	-17	-16	-15
Age 45 to 64	-7	-1	-1	-3	-6	-4	-4	-4	-8	-5	-8	-6	-7
Age 65+	-2	-3	-5	-7	-5	-3	-3	-6	-8	-8	-5	-3	-2
Income Bottom Third	-1	-2	-5	-6	-6	-6	-9	-10	-11	-9	-8	-6	-4
Income Middle Third	-9	-5	-10	-12	-14	-9	-5	-10	-15	-16	-13	-8	-8
Income Top Third	-11	-9	-8	-10	-13	-13	-13	-12	-12	-11	-12	-13	-14

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

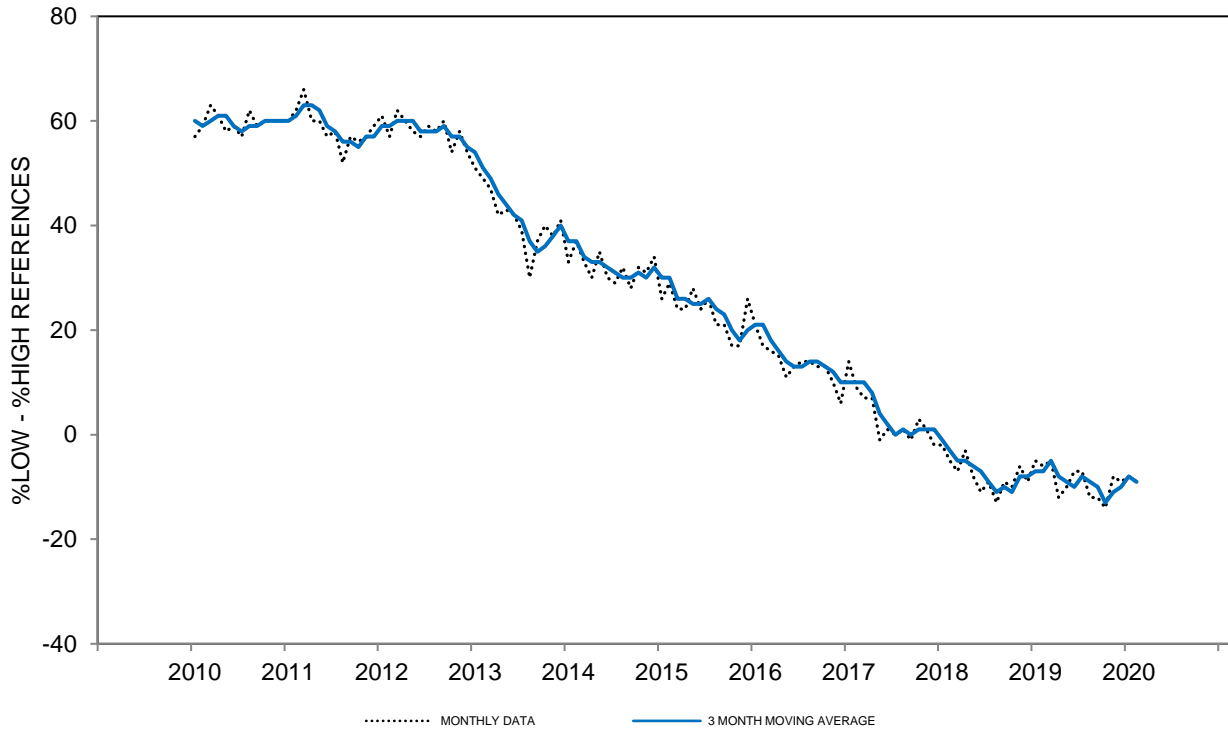
All	15	18	20	20	21	24	28	31	31	33	32	33	34
Age 18 to 44	4	8	10	9	10	12	17	19	21	21	21	23	24
Age 45 to 64	18	23	26	28	26	31	34	37	35	38	38	41	44
Age 65+	24	26	28	29	31	33	38	39	41	41	40	37	37
Income Bottom Third	8	14	15	14	10	11	11	13	16	20	19	19	21
Income Middle Third	14	18	19	21	24	29	35	36	35	34	34	38	38
Income Top Third	20	22	26	26	29	33	41	45	45	45	44	43	45

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)**

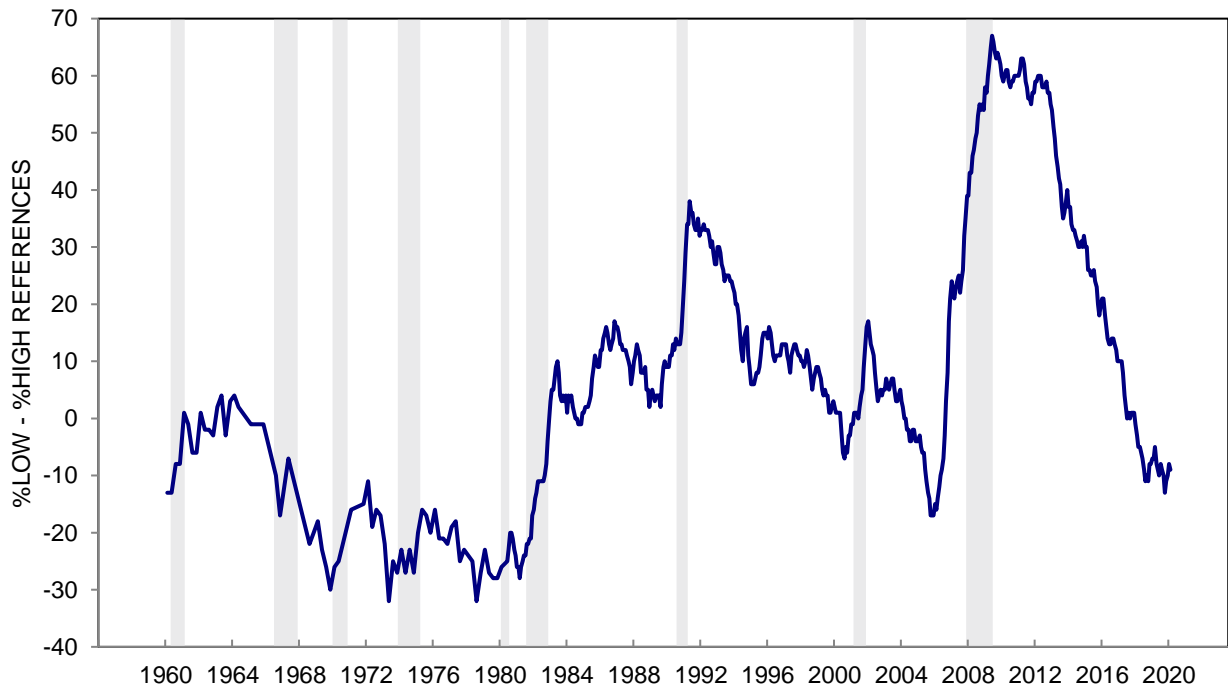


CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES

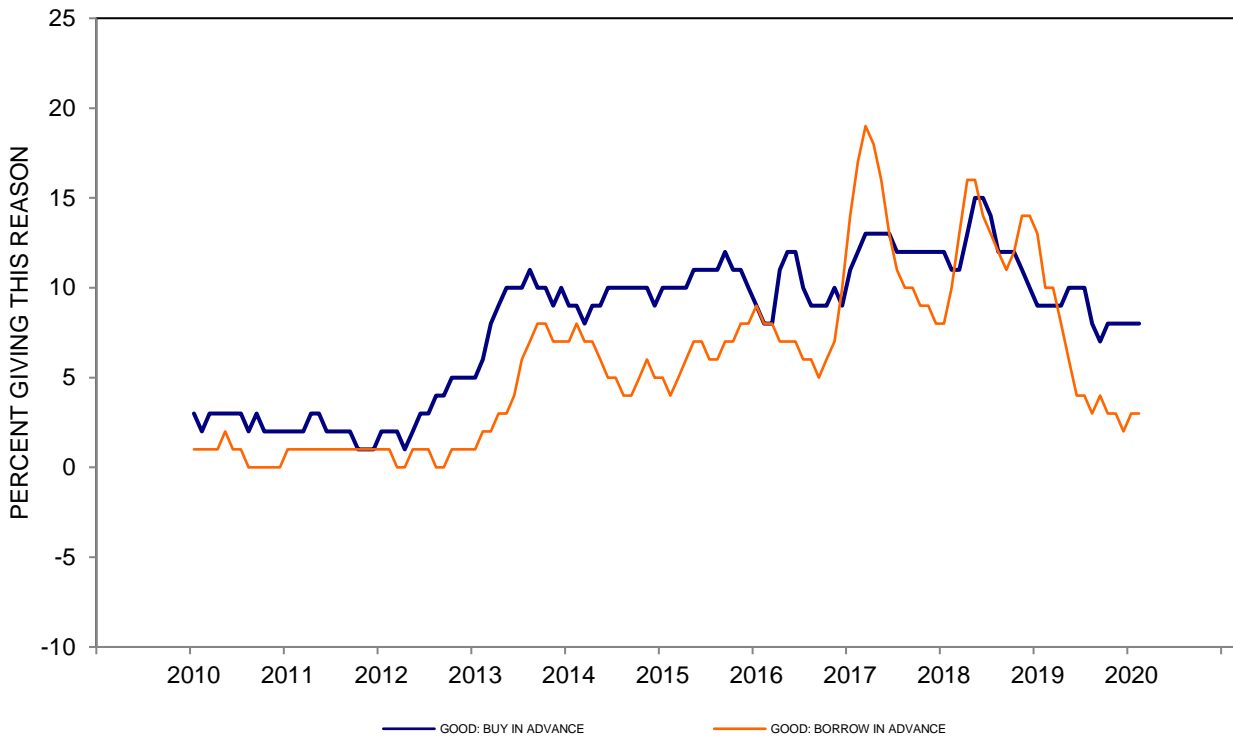
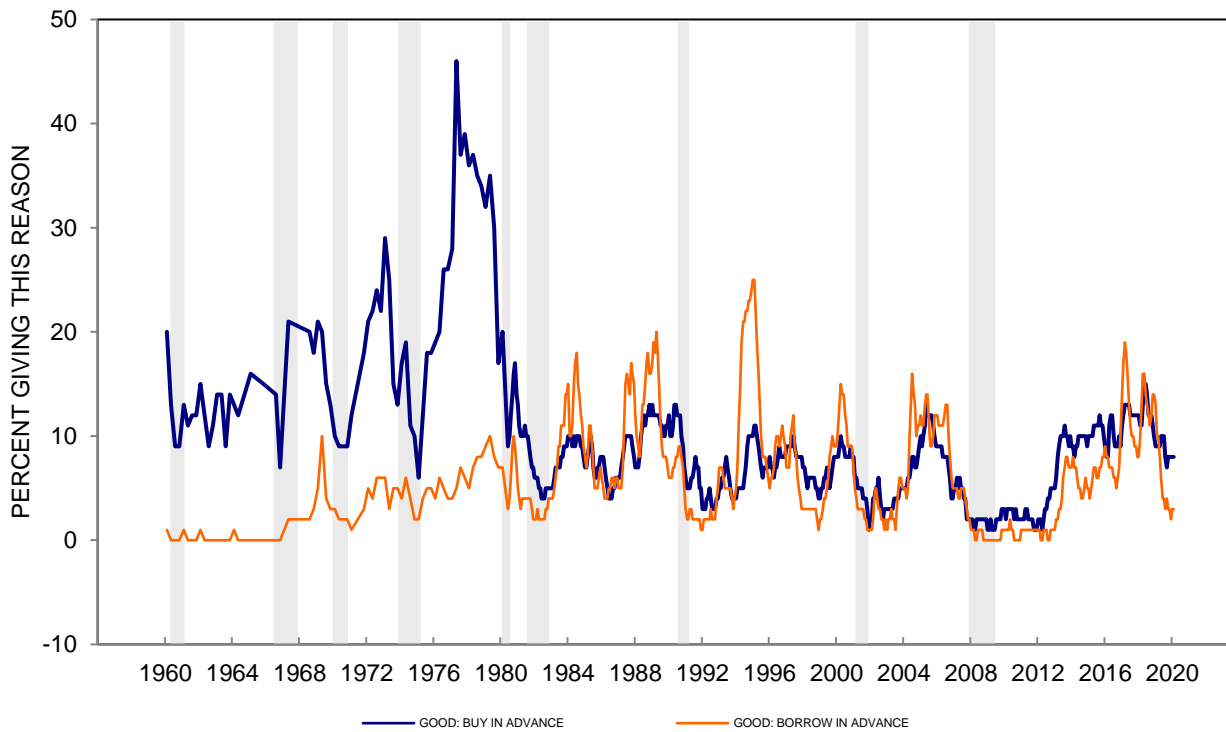
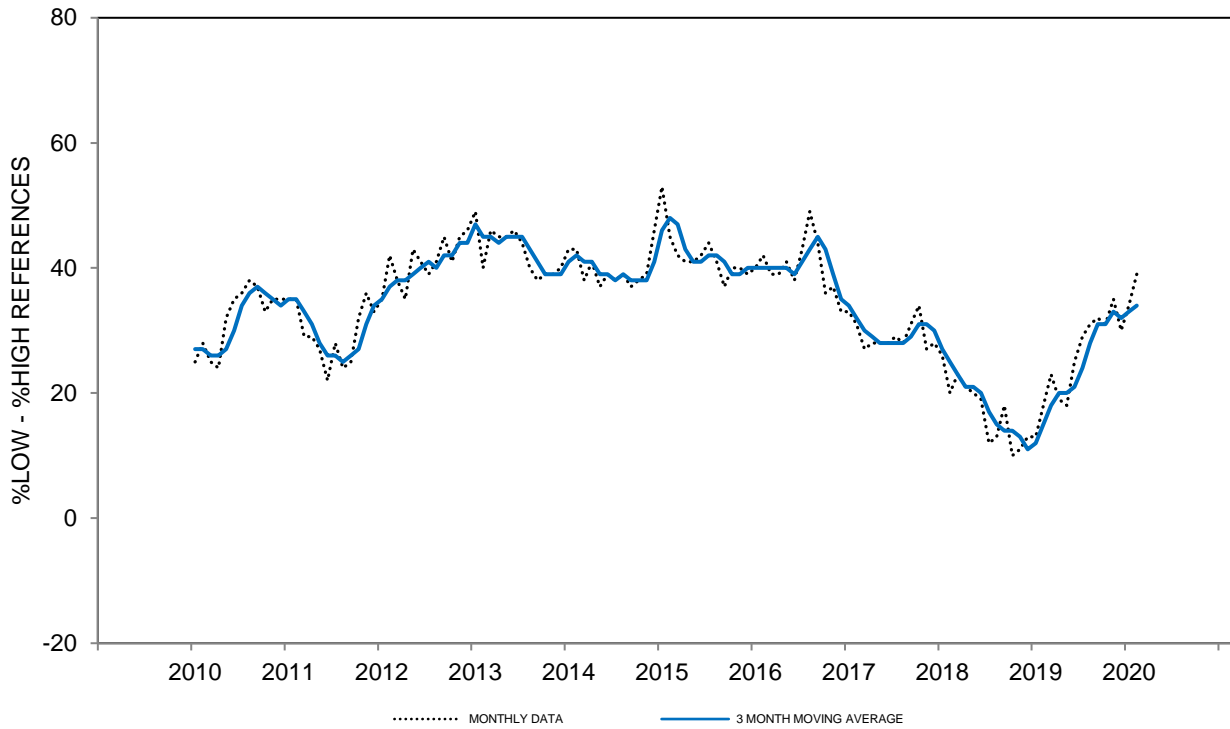


CHART 42B: ADVANCE BUYING RATIONALES FOR BUYING CONDITIONS FOR HOUSES



**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)**

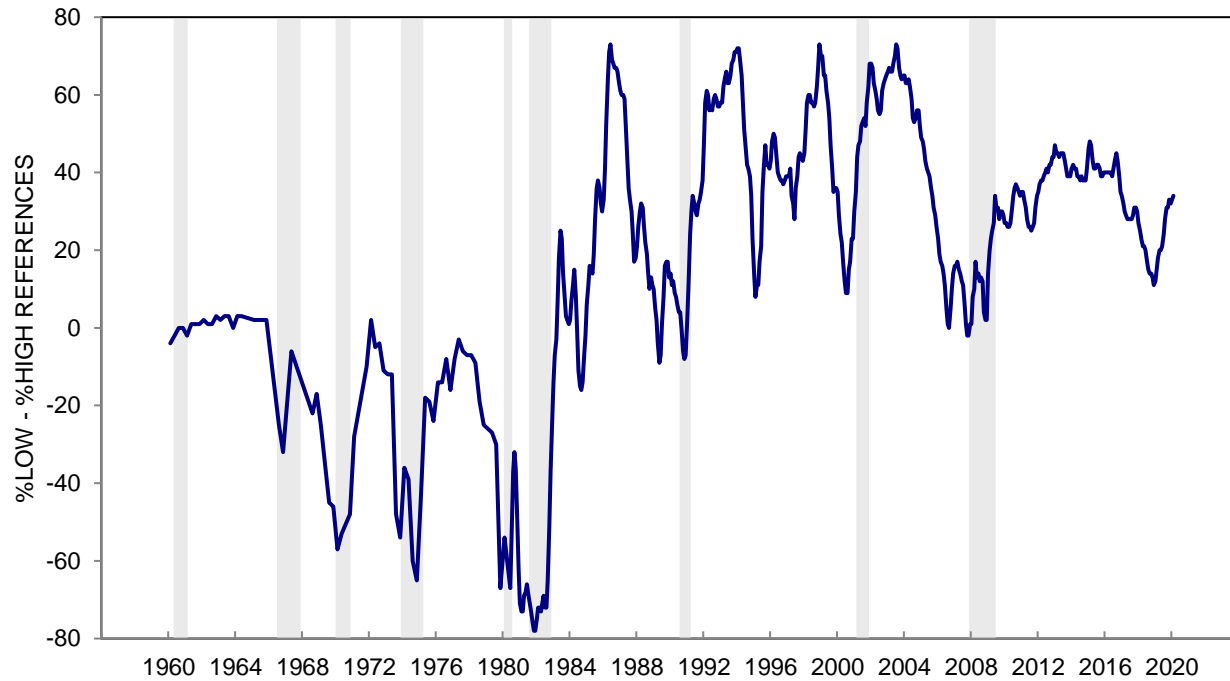


CHART 42D: ECONOMIC UNCERTAINTY REASONS FOR BUYING CONDITIONS FOR HOUSES
(%TIMES ARE GOOD - %TIMES ARE BAD)

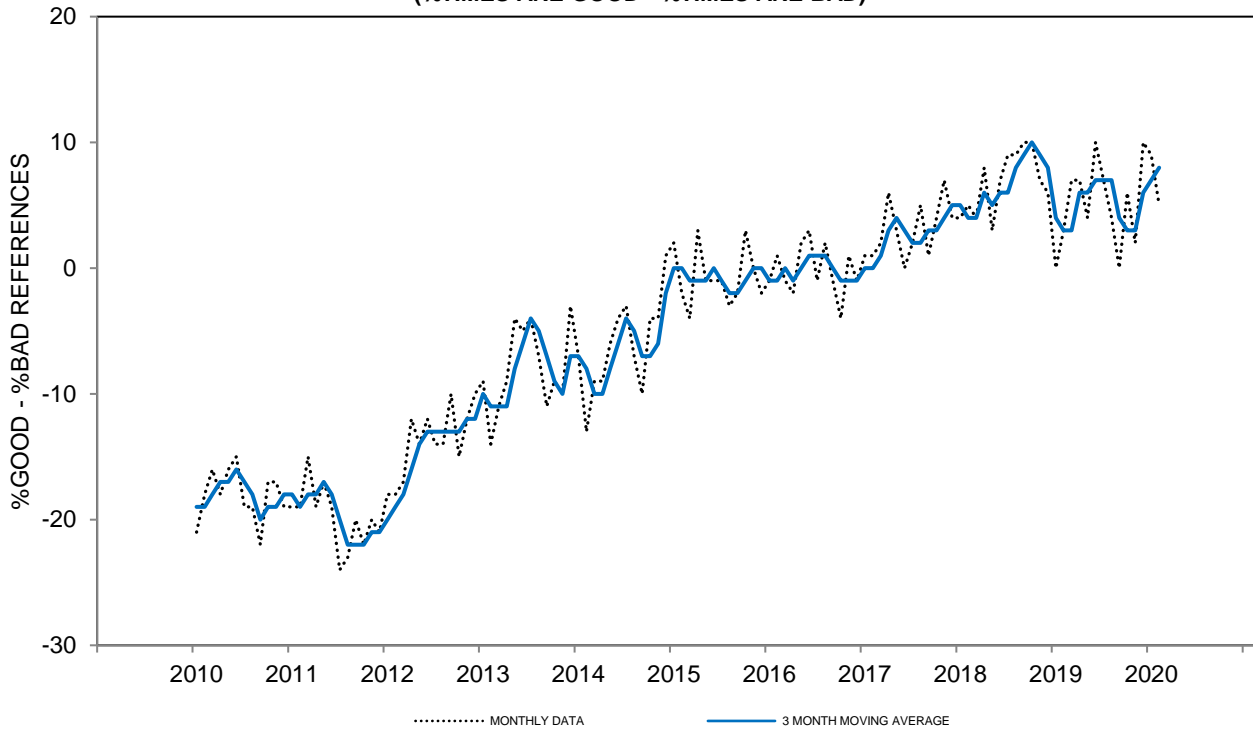
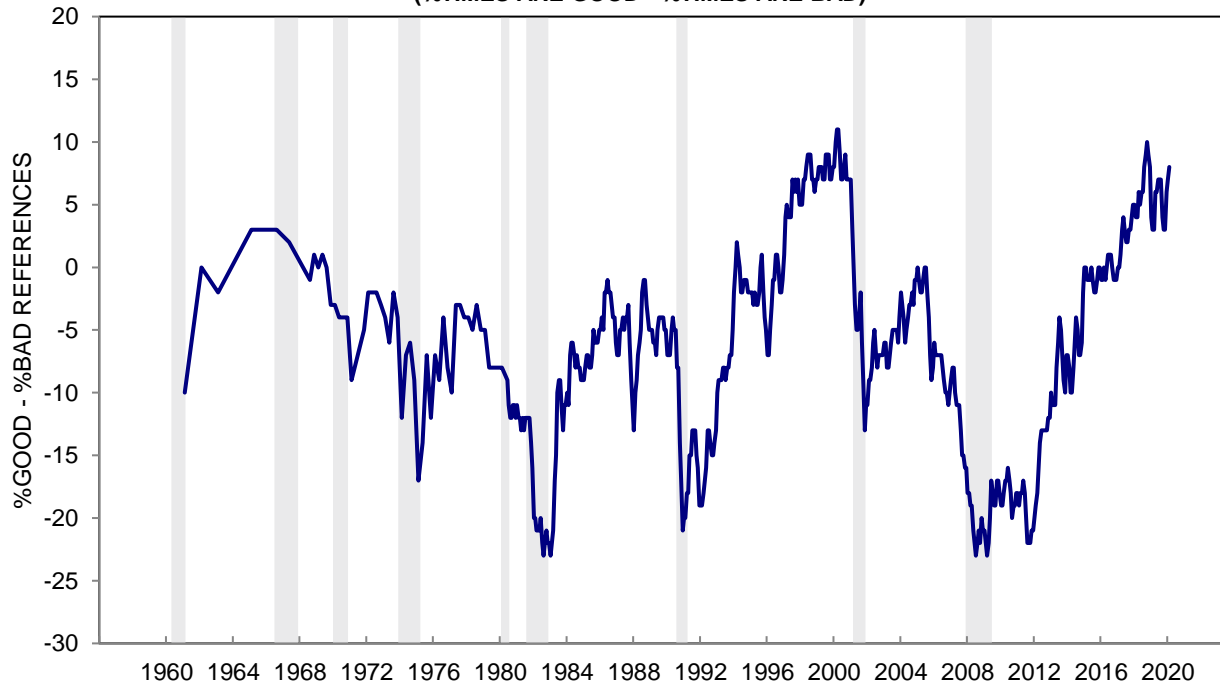
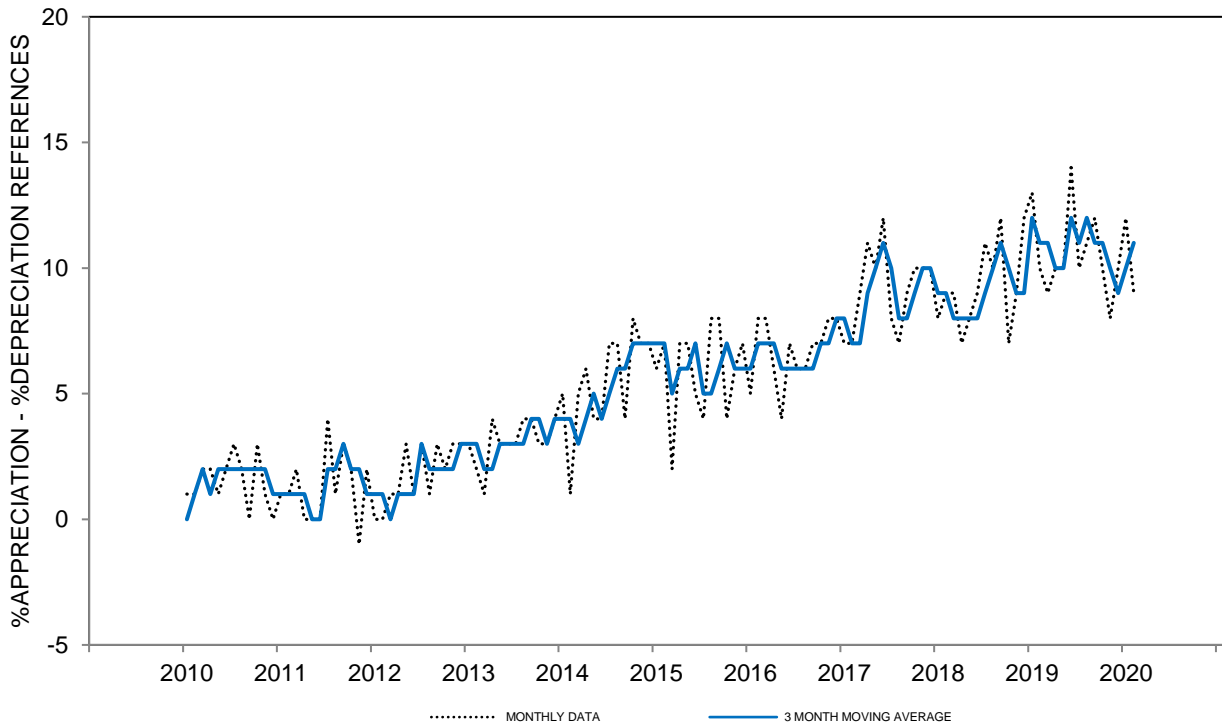


CHART 42D: ECONOMIC UNCERTAINTY REASONS FOR BUYING CONDITIONS FOR HOUSES
(%TIMES ARE GOOD - %TIMES ARE BAD)



**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)**

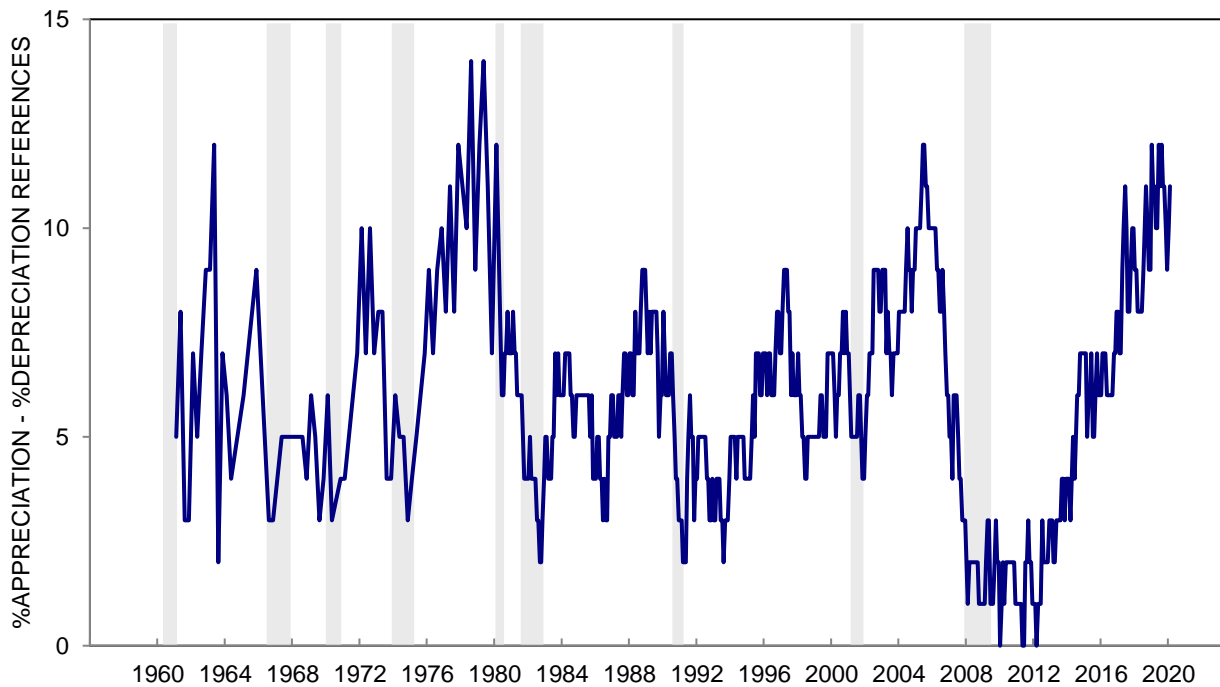


TABLE 43**SELLING CONDITIONS FOR HOUSES**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO SELL	69%	71%	75%	76%	76%	73%	78%	74%	76%	72%	76%	74%	74%
UNCERTAIN, DEPENDS	3	5	4	3	5	3	2	5	5	2	4	3	3
BAD TIME TO SELL	28	24	21	21	19	24	20	21	19	26	20	23	23
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	601	600	601	602	602	602	601	601	650	631	634	621	620
INDEX SCORE	141	147	154	155	157	149	158	153	157	146	156	151	151

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

All	138	140	147	152	155	154	155	153	156	152	153	151	153
Age 18 to 44	130	140	149	150	150	148	149	151	153	154	150	148	145
Age 45 to 64	147	143	149	154	158	157	159	159	160	154	154	153	157
Age 65+	136	138	143	153	161	159	158	151	155	147	155	154	159
Income Bottom Third	117	118	129	137	140	137	141	140	141	130	130	132	136
Income Middle Third	145	145	156	160	165	161	161	159	161	160	161	156	157
Income Top Third	153	157	156	160	160	162	163	164	167	165	166	164	166

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

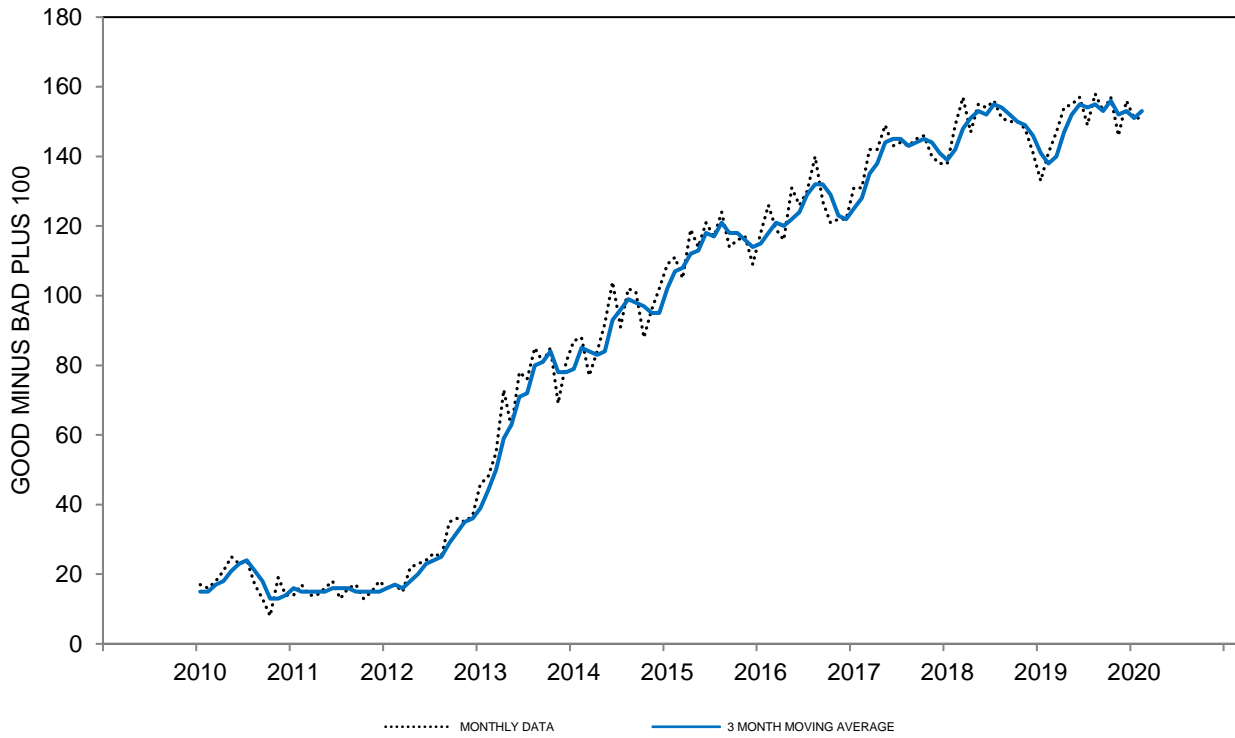


CHART 43: SELLING CONDITIONS FOR HOUSES

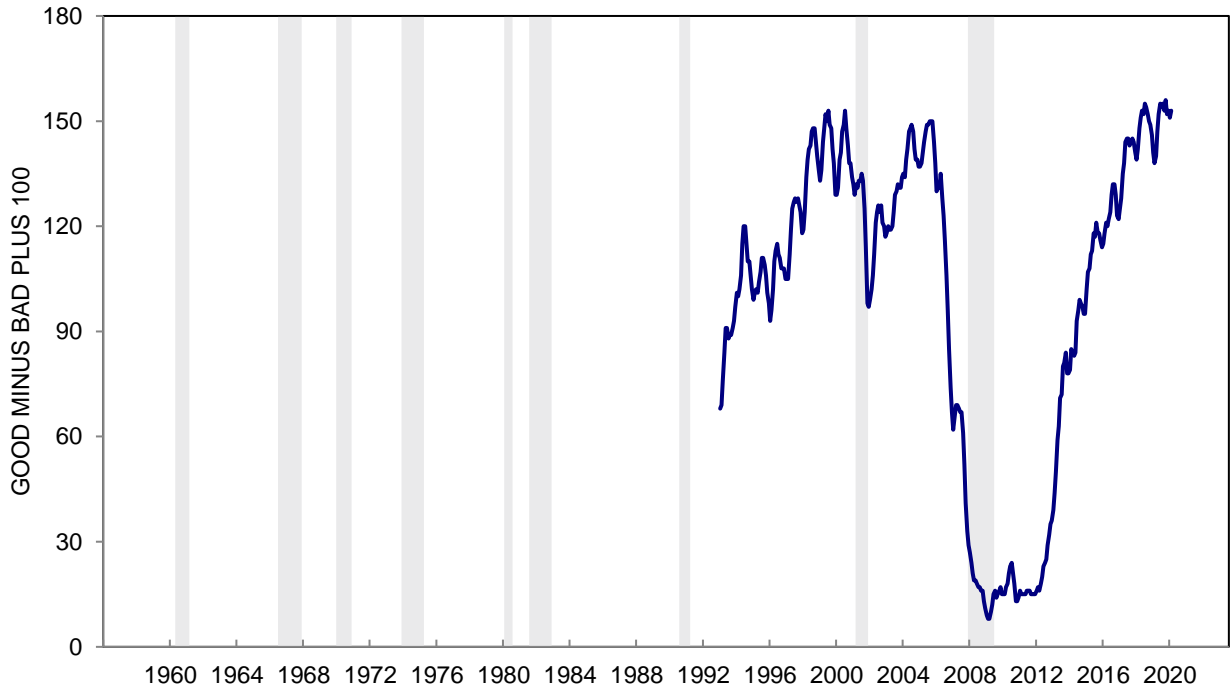


TABLE 44

SELECTED REASONS FOR OPINIONS ABOUT SELLING CONDITIONS FOR HOUSES

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
GOOD TIME TO SELL													
Prices are high; good sales available	32%	30%	35%	37%	33%	38%	33%	35%	36%	32%	35%	33%	33%
Prices won't go up; are going lower	6	4	4	5	5	5	5	5	9	6	4	4	3
Interest rates are low credit is easy	11	11	11	13	14	15	18	16	16	17	15	17	15
Sell-in-advance of rising interest rates	2	2	2	1	1	1	2	1	1	*	1	1	1
Times are good; prosperity	27	30	32	30	36	31	31	30	30	27	33	31	30
Capital appreciation; would make money	7	7	6	8	7	5	8	6	5	7	7	7	8
BAD TIME TO SELL													
Prices are low	13	11	11	13	11	12	10	11	10	11	10	13	8
Interest rates are high; credit is tight	5	4	3	2	3	2	2	2	2	4	2	2	2
Times are bad; can't afford to buy	8	6	7	7	5	7	5	8	6	8	6	6	8
Bad times ahead; uncertain future	3	2	1	1	2	2	2	3	1	2	2	2	1
Capital depreciation; would lose money	2	2	2	3	2	1	2	2	1	2	*	1	1

SELECTED REASONS FOR OPINIONS ABOUT HOME SELLING CONDITIONS

PRICES HIGH - PRICES LOW (THREE MONTH MOVING AVERAGES)

All	15	16	21	22	23	24	24	24	24	24	24	22	23
Age 18 to 44	14	18	24	22	22	23	25	27	24	23	23	22	24
Age 45 to 64	21	19	23	24	25	25	24	24	27	26	27	24	24
Age 65+	11	11	14	21	24	25	21	21	22	21	21	19	22
Income Bottom Third	0	2	7	10	10	13	13	17	13	12	8	7	7
Income Middle Third	21	20	28	28	29	27	25	25	26	26	26	23	26
Income Top Third	26	28	29	31	33	34	34	34	36	34	37	34	37

RATES LOW - RATES HIGH (THREE MONTH MOVING AVERAGES)

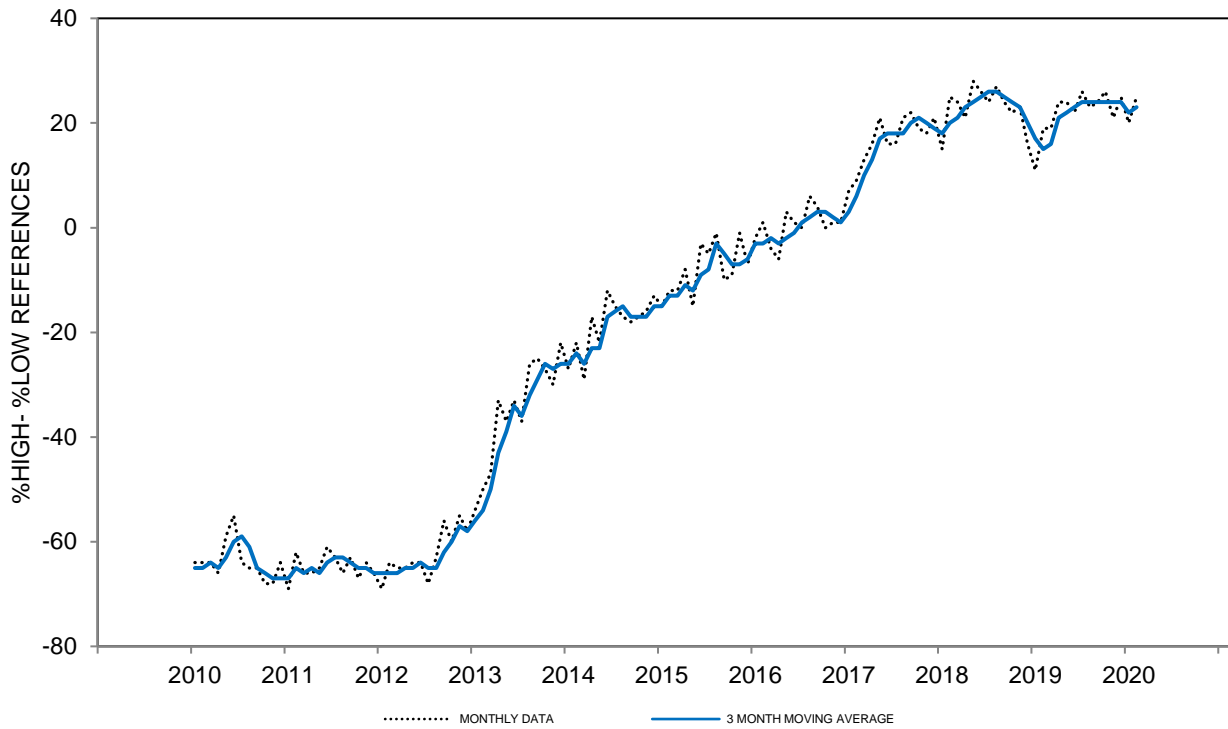
All	5	6	7	9	10	12	13	14	15	14	13	14	14
Age 18 to 44	1	4	5	5	5	6	8	9	9	9	9	8	7
Age 45 to 64	10	8	8	10	13	16	18	20	19	17	17	19	20
Age 65+	7	8	11	12	15	15	18	17	19	16	16	14	16
Income Bottom Third	2	3	2	4	5	7	8	9	9	6	4	5	6
Income Middle Third	5	7	9	9	11	12	14	15	16	17	17	17	15
Income Top Third	9	10	11	12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

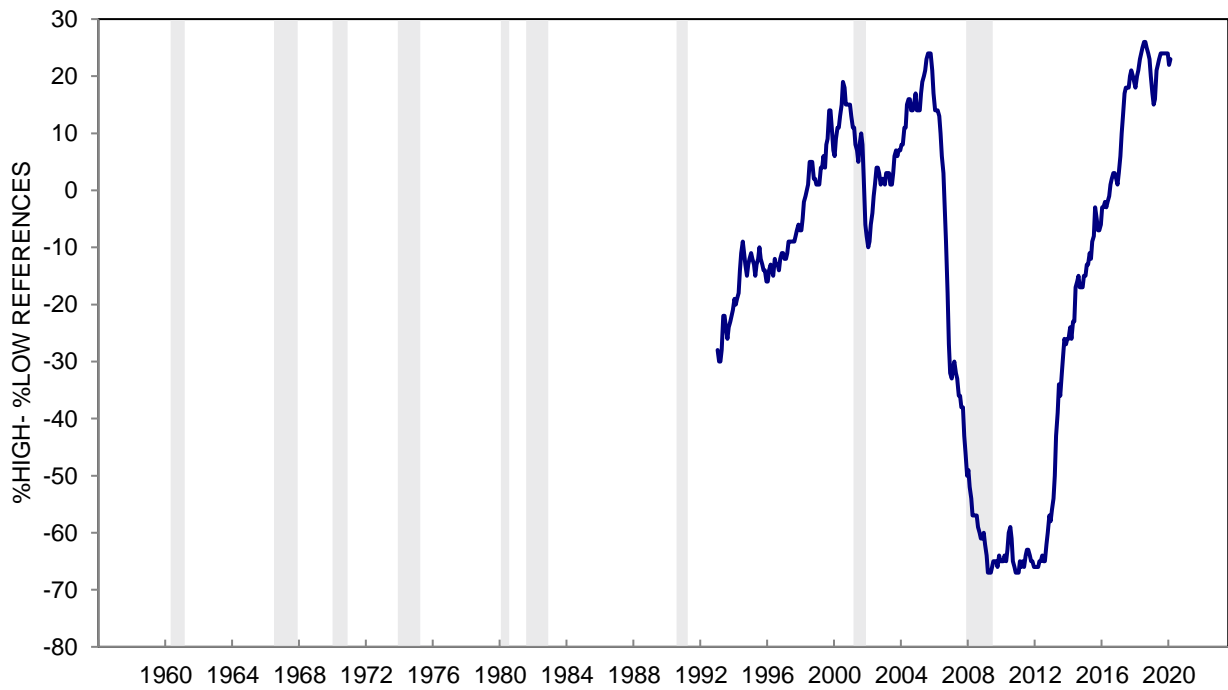


CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES

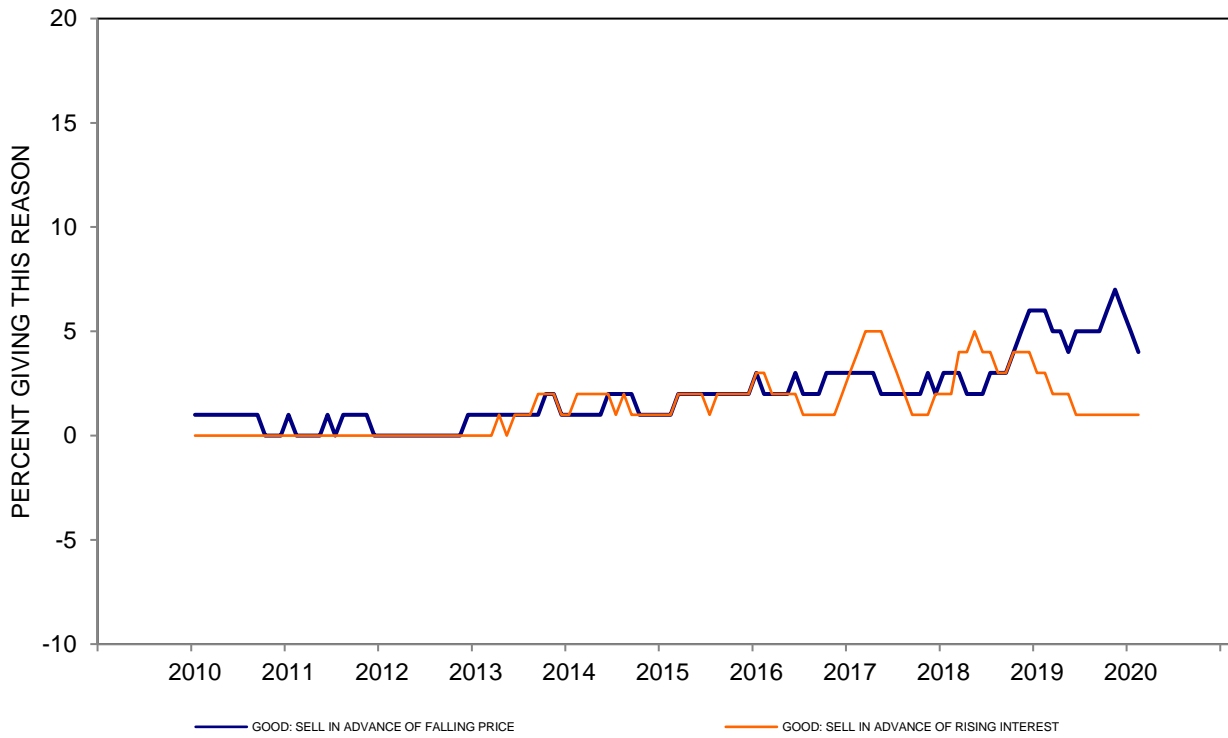
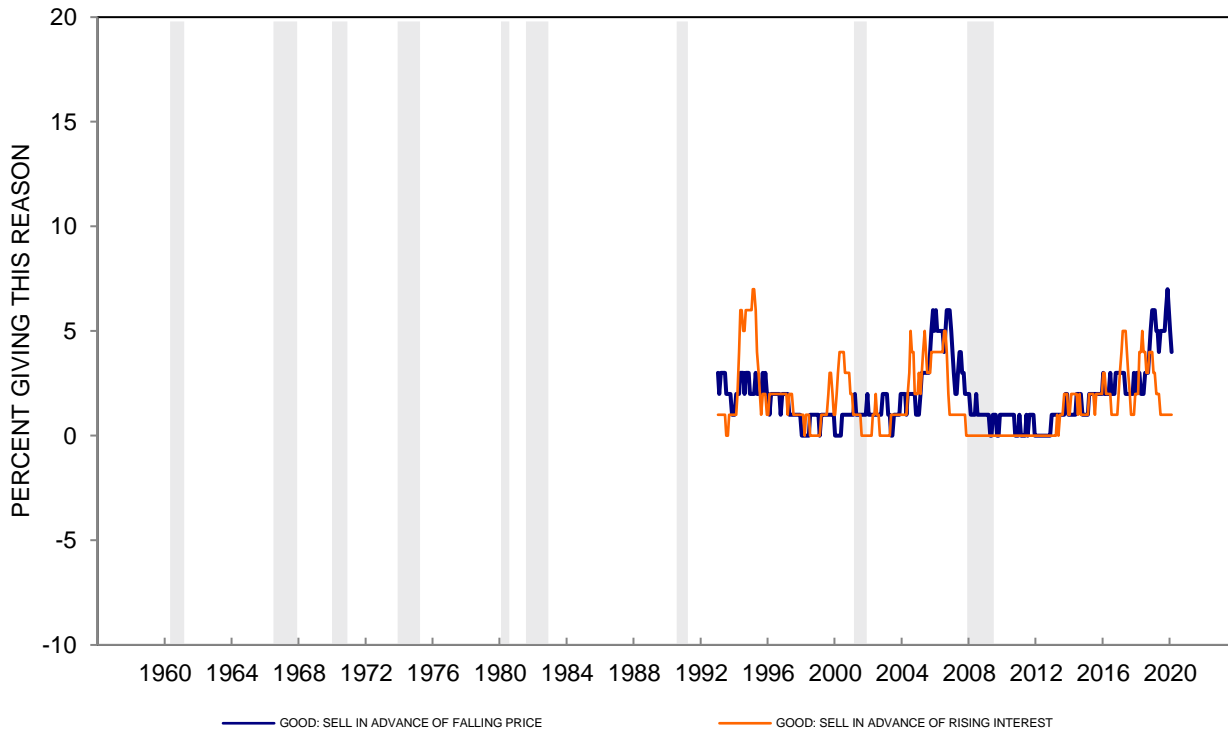
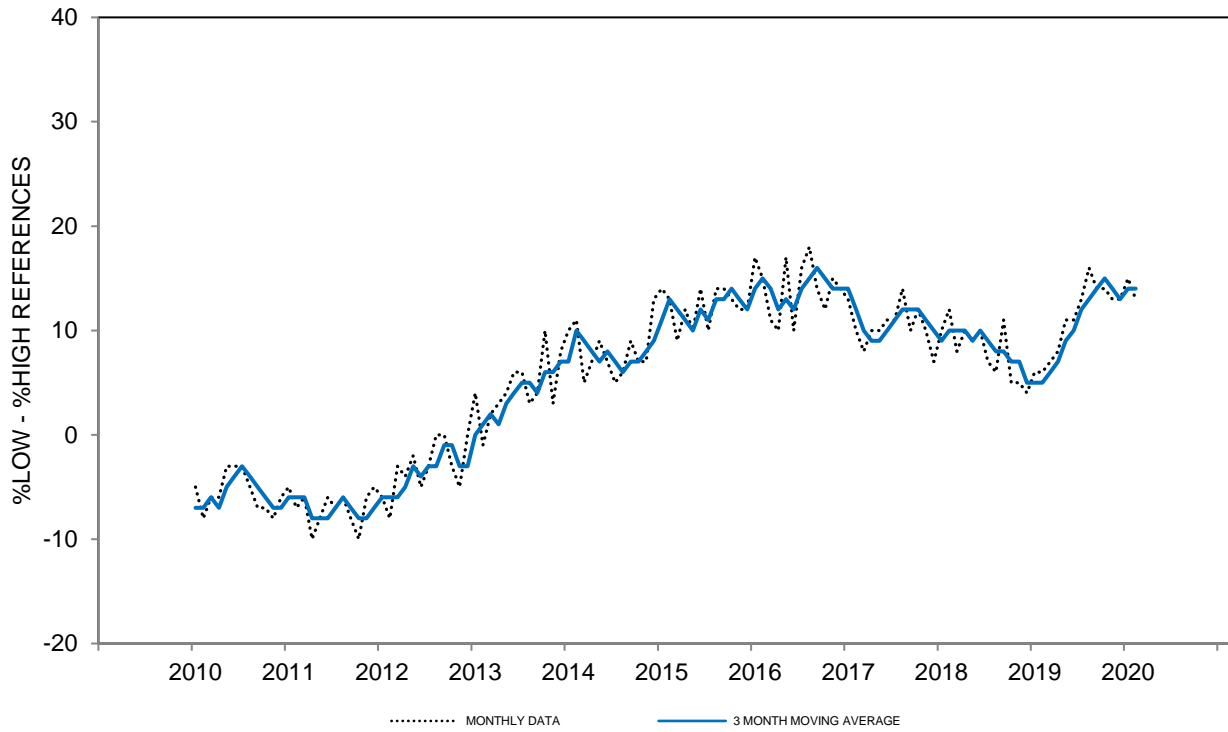


CHART 44B: SELLING IN ADVANCE RATIONALES FOR SELLING CONDITIONS FOR HOUSES



**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)**

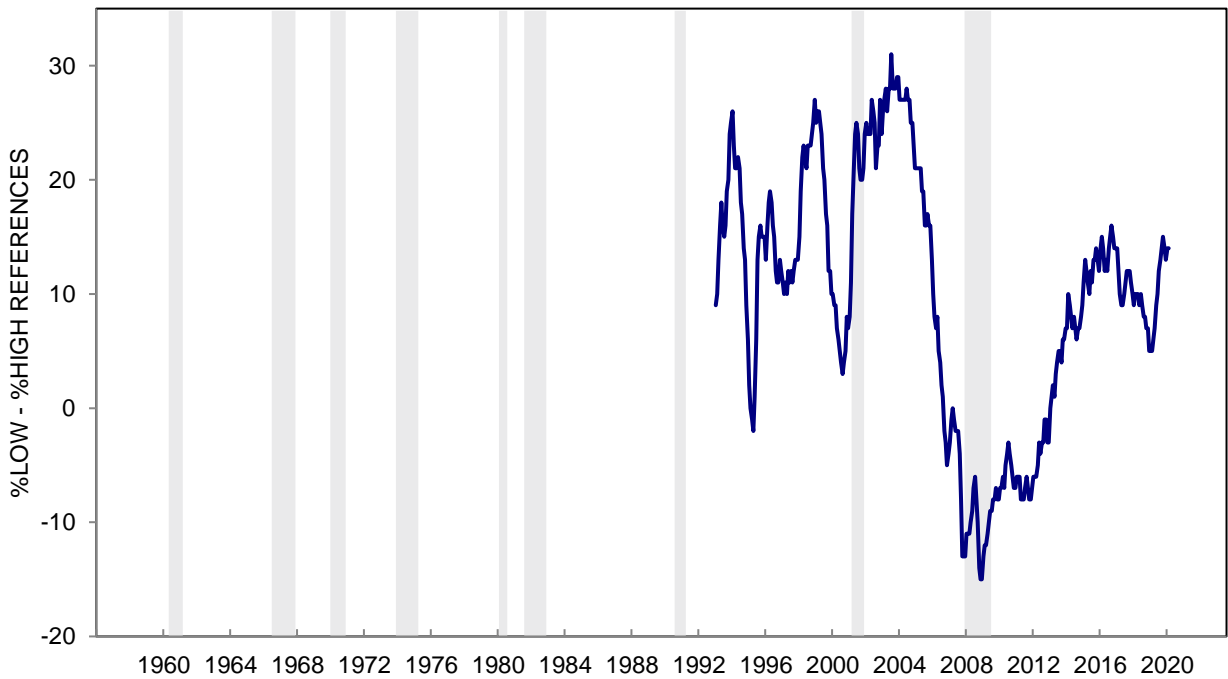


CHART 44D: ECONOMIC UNCERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
(%TIMES ARE GOOD - %TIMES ARE BAD)

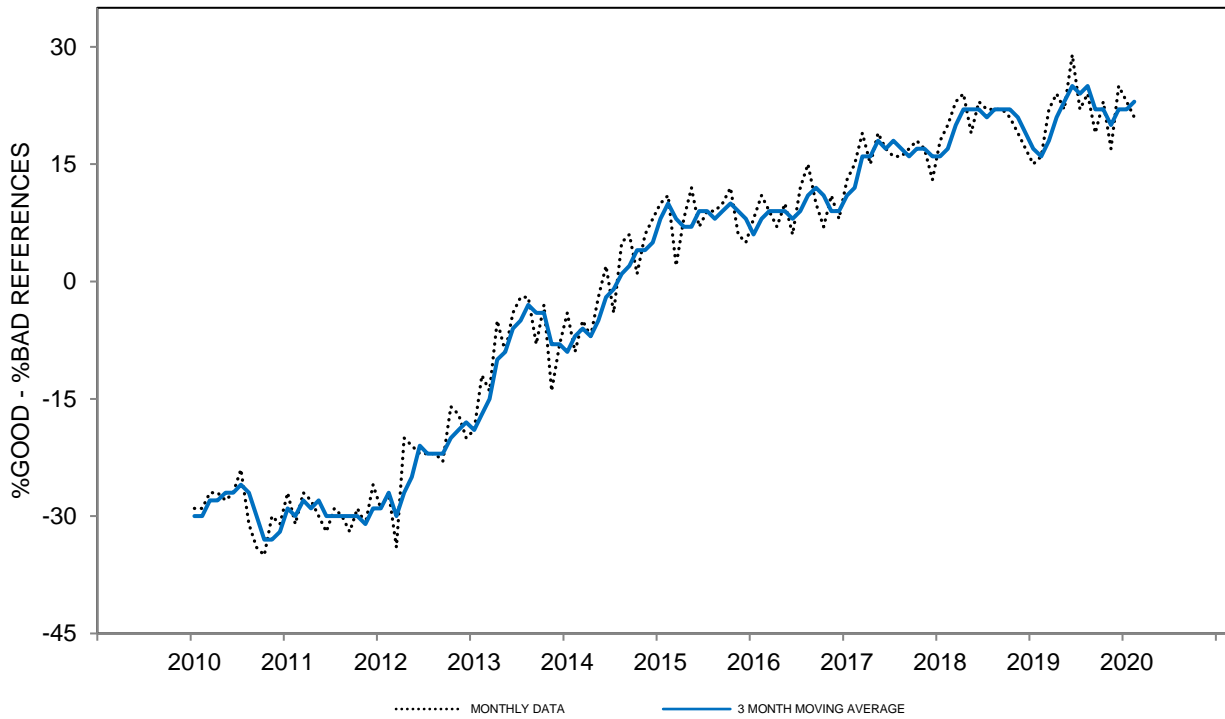
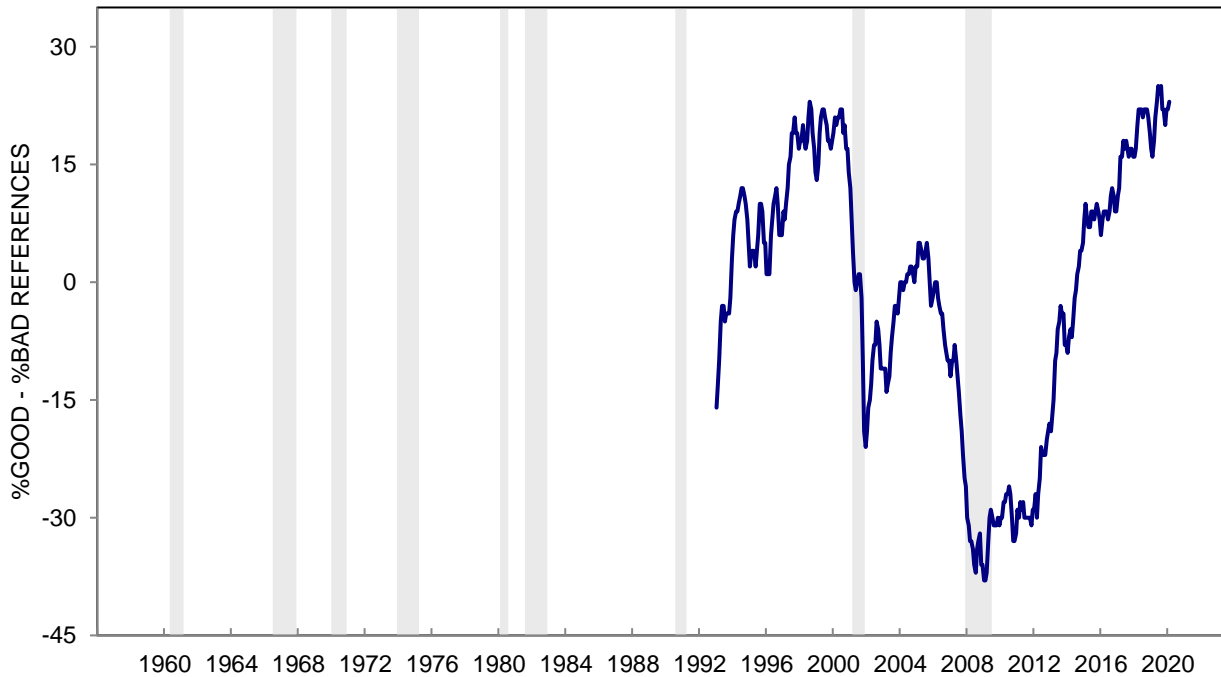
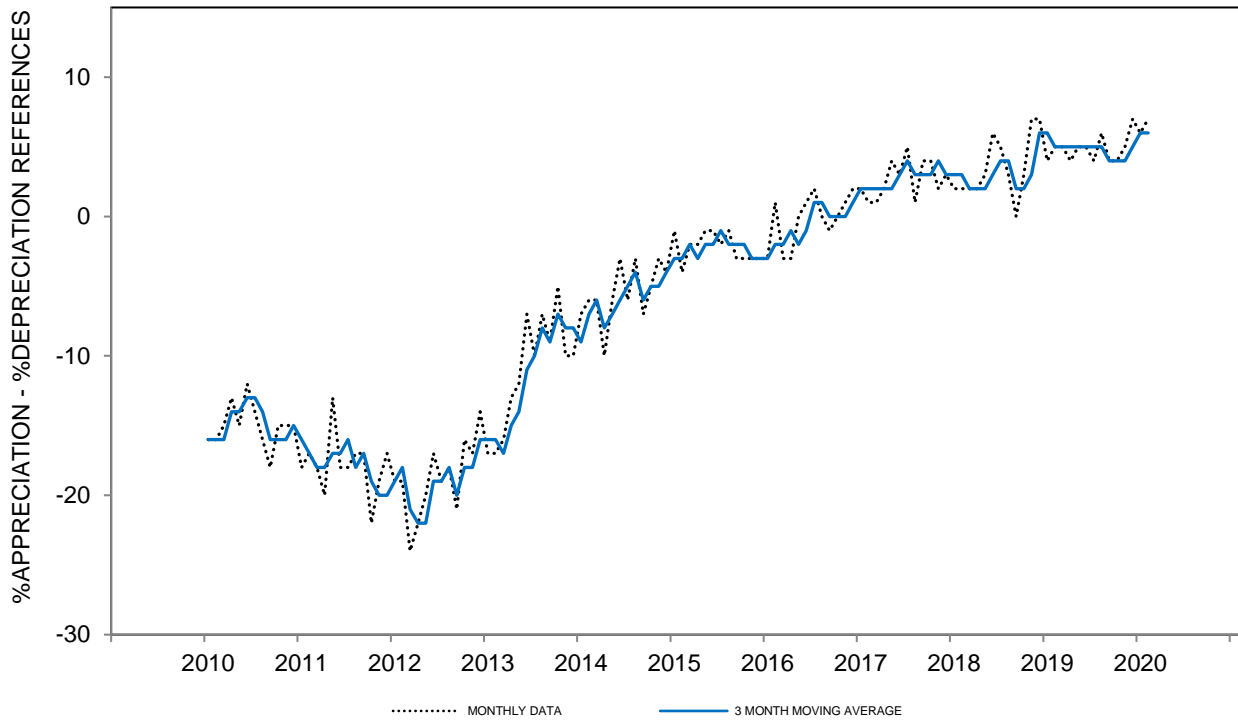


CHART 44D: ECONOMIC UNCERTAINTY REASONS FOR SELLING CONDITIONS FOR HOUSES
(%TIMES ARE GOOD - %TIMES ARE BAD)



**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)**

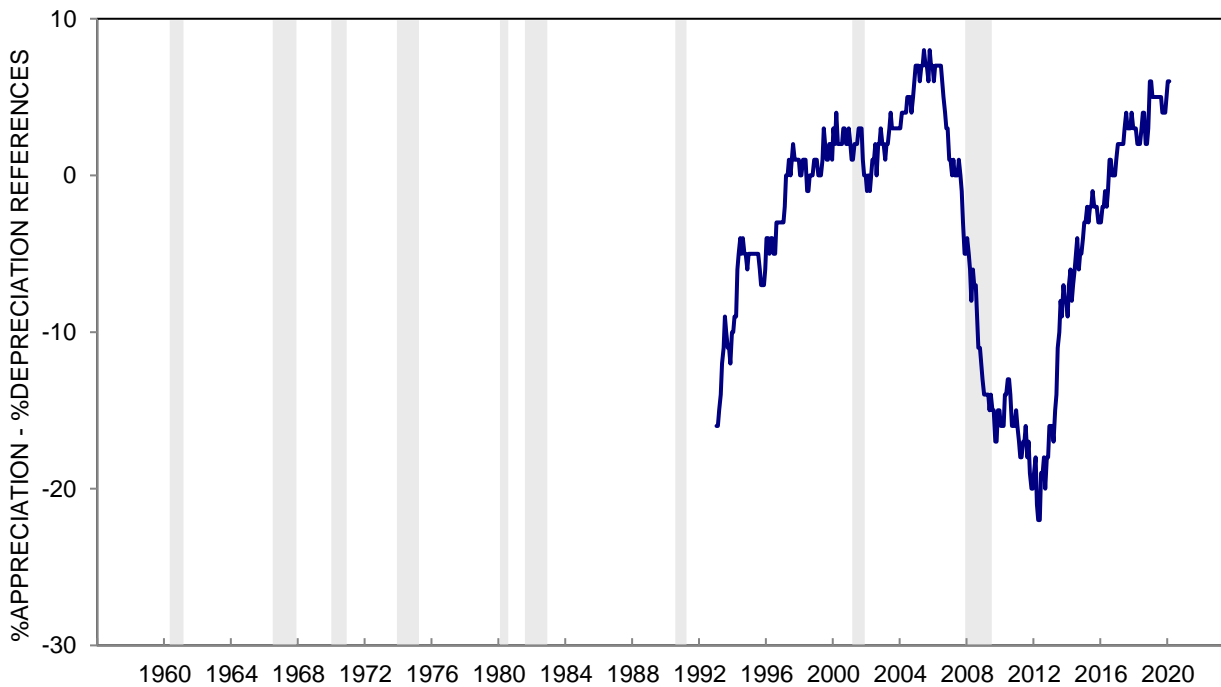


TABLE 45

CHANGE IN HOME VALUES DURING THE PAST YEAR

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
VALUE INCREASED	57%	60%	64%	59%	64%	62%	61%	64%	67%	57%	66%	65%	62%
VALUE SAME	36	35	30	31	30	30	31	27	27	33	26	29	34
VALUE DECREASED	6	4	6	10	5	7	8	9	5	8	7	5	4
DK, NA	1	1	*	*	1	1	*	*	1	2	1	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	450	443	430	426	462	426	434	444	451	449	456	465	464
INDEX SCORE	151	156	158	149	159	155	153	155	162	149	159	160	158

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

All	153	153	155	154	155	154	156	154	157	155	157	156	159
Age 18 to 44	154	158	163	158	159	153	154	154	160	160	159	157	161
Age 45 to 64	152	150	153	153	151	152	156	156	156	152	152	154	158
Age 65+	153	151	150	153	158	158	158	154	155	154	159	157	158
Income Bottom Third	135	133	135	136	138	139	141	139	140	138	140	140	143
Income Middle Third	158	158	160	162	164	163	163	163	164	160	161	159	163
Income Top Third	158	159	161	159	159	159	159	157	160	160	162	162	166
Home Value Bottom Third	135	137	140	141	142	139	139	140	142	139	140	139	143
Home Value Middle Third	161	159	161	160	165	167	172	170	171	169	170	167	167
Home Value Top Third	165	164	164	162	161	161	159	157	159	158	160	161	167

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

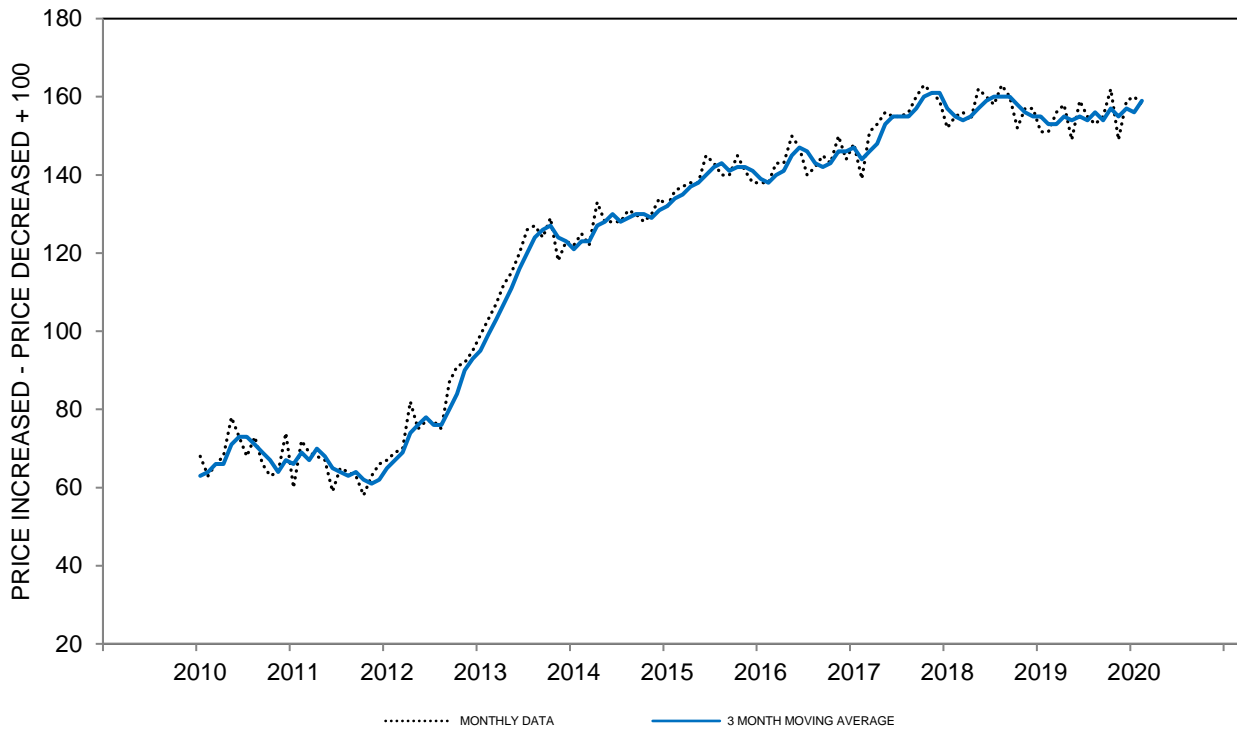


CHART 45: CHANGE IN HOME VALUES DURING THE PAST YEAR

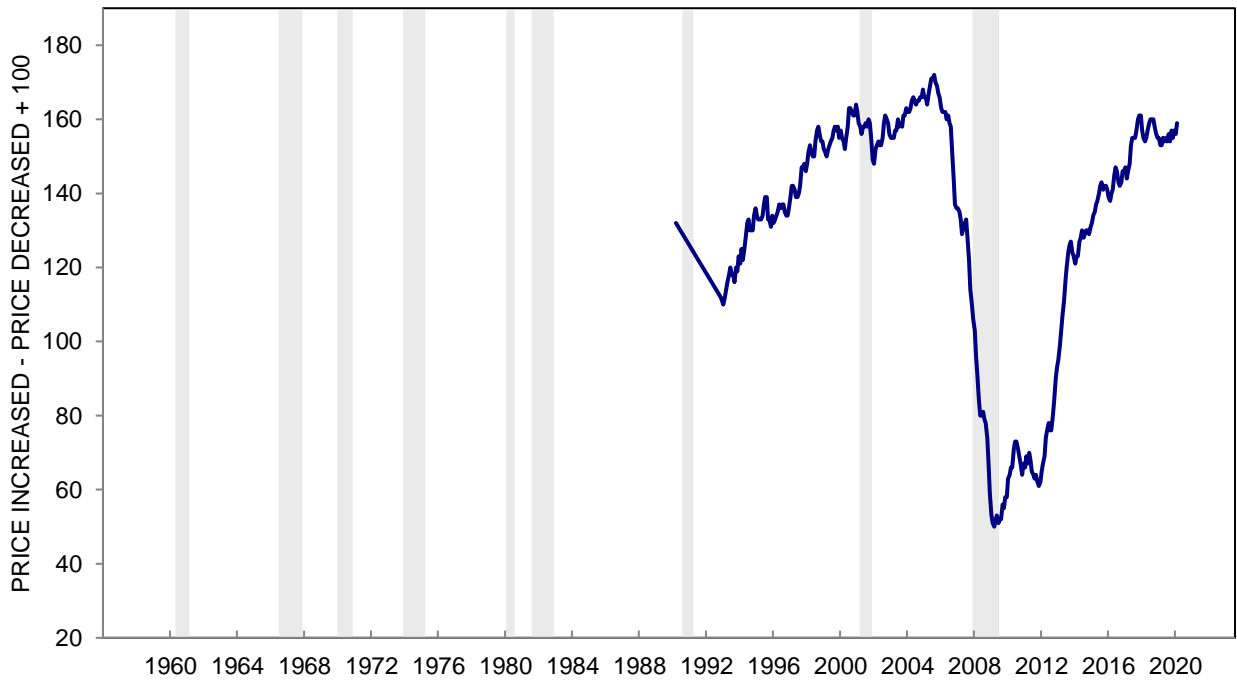


TABLE 46**EXPECTED CHANGE IN HOME VALUES DURING THE NEXT YEAR**

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
INCREASE	50%	51%	51%	52%	53%	51%	55%	49%	50%	48%	54%	52%	51%
REMAIN THE SAME	39	42	42	42	39	41	36	39	39	40	39	42	42
DECREASE	10	6	7	6	8	7	9	12	11	12	7	6	7
DK, NA	1	1	*	*	*	1	*	*	*	*	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	450	443	430	426	462	426	434	444	451	449	456	465	464
MEDIAN INCREASE	0.6	0.9	0.7	1.0	1.1	1.0	1.1	0.5	0.6	0.4	1.2	0.8	0.7
25th PERCENTILE	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.2	-0.1	-0.2	0.0	-0.1	-0.1
75th PERCENTILE	4.7	4.7	4.7	4.8	4.7	4.9	4.8	4.9	4.8	4.5	4.8	4.9	4.8
INTERQUARTILE RANGE (75th-25th)	4.8	4.7	4.7	4.8	4.8	5.0	4.9	5.1	4.9	4.7	4.8	5.0	4.8
MEAN INCREASE	2.0	2.5	2.5	2.3	2.2	2.5	2.6	2.3	2.2	2.1	2.8	2.8	2.5
VARIANCE	36	31	31	38	36	26	29	34	31	34	36	39	26

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

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

The questions were:

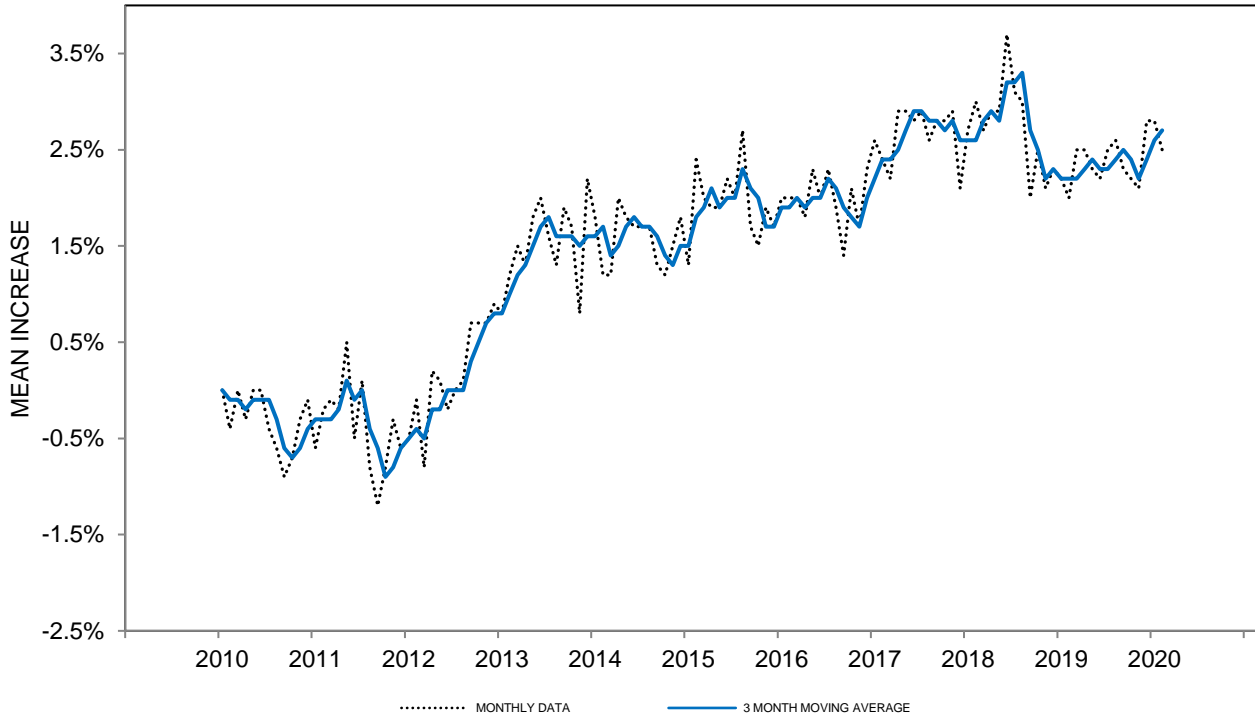
"What do you think will happen to the prices of homes like yours in your community over the next 12 months? Will they increase at a rapid rate, increase at a moderate rate, remain about the same, decrease at a moderate rate, or decrease at a rapid rate?"

"By about what percent do you expect prices of homes like yours in your community to go (up/down), on average, over the next 12 months?"

CASES is the number of homeowners.

*: Less than half of one percent.

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



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

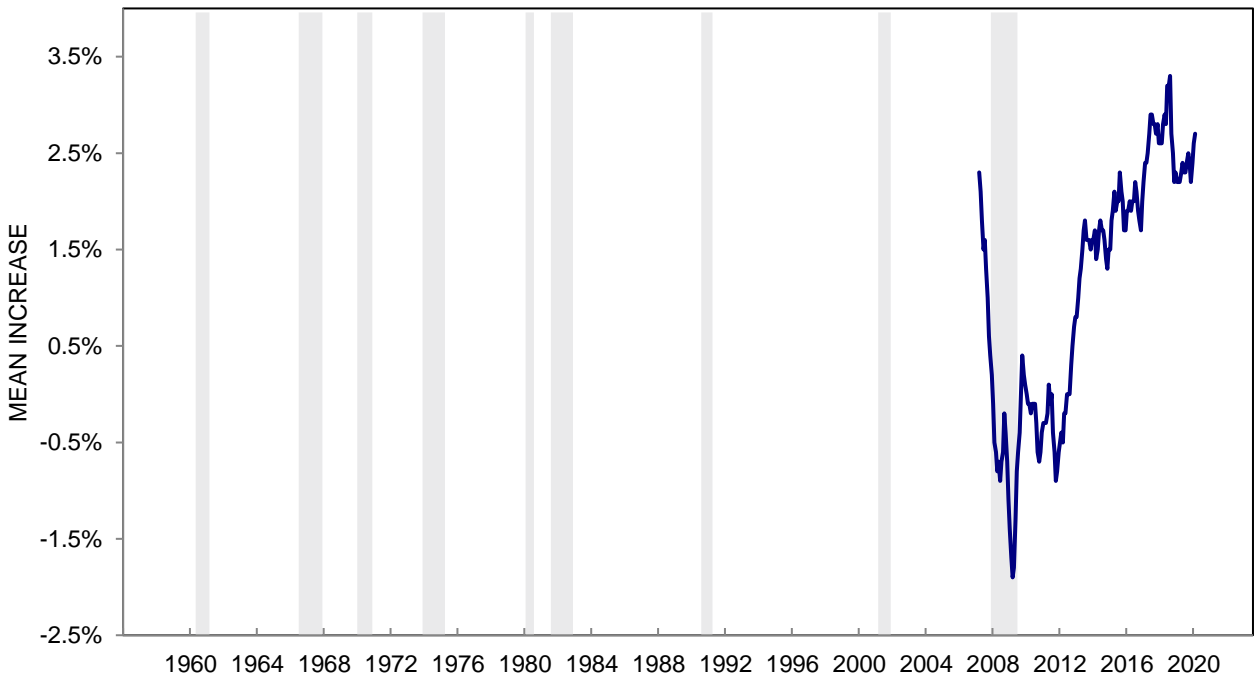


TABLE 47

EXPECTED CHANGE IN HOME VALUES DURING THE NEXT 5 YEARS

	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020
INCREASE	67%	67%	63%	65%	67%	67%	67%	67%	59%	64%	68%	71%	67%
REMAIN THE SAME	21	22	25	24	19	21	22	20	25	23	21	20	22
DECREASE	10	10	11	9	13	11	10	12	14	11	9	8	9
DK, NA	2	1	1	2	1	1	1	1	2	2	2	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
CASES	450	443	430	426	462	426	434	444	451	449	456	465	464
MEDIAN INCREASE	2.6	2.4	2.1	2.3	2.3	2.6	2.1	2.4	2.1	2.1	2.3	2.6	2.5
25th PERCENTILE	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	-0.1	0.1	0.2	0.3	0.2
75th PERCENTILE	4.8	4.7	4.5	4.4	4.8	4.8	4.8	4.7	4.7	4.6	4.8	4.8	4.6
INTERQUARTILE RANGE (75th-25th)	4.6	4.5	4.5	4.3	4.7	4.6	4.6	4.5	4.8	4.5	4.5	4.5	4.4
MEAN INCREASE	2.7	2.3	2.3	2.2	2.1	2.8	2.5	2.7	2.1	2.5	2.7	2.9	2.6
VARIANCE	30	30	18	17	40	23	18	21	23	27	26	21	22

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

All	2.5	2.6	2.4	2.3	2.2	2.4	2.3	2.4	2.2	2.2	2.2	2.3	2.5
Age 18 to 44	2.2	2.3	2.0	2.2	2.0	2.3	2.2	2.3	1.9	1.9	1.9	2.2	2.1
Age 45 to 64	2.6	2.4	2.2	2.0	2.1	2.2	2.3	2.3	2.2	2.1	2.1	2.3	2.5
Age 65+	2.6	2.9	2.8	2.7	2.6	2.7	2.5	2.4	2.4	2.5	2.4	2.5	2.6
Income Bottom Third	1.9	1.5	1.3	0.5	1.0	1.5	1.9	1.8	1.7	1.6	1.7	1.7	1.6
Income Middle Third	2.4	2.7	2.6	2.6	2.5	2.6	2.6	2.5	2.3	2.1	2.2	2.5	2.7
Income Top Third	2.6	2.6	2.4	2.6	2.5	2.6	2.4	2.4	2.3	2.4	2.3	2.5	2.6
Home Value Bottom Third	1.4	1.3	1.3	1.0	1.2	1.4	1.7	1.6	1.6	1.1	1.2	1.4	1.8
Home Value Middle Third	2.7	2.5	2.4	2.4	2.5	2.7	2.7	2.7	2.4	2.5	2.4	2.6	2.6
Home Value Top Third	3.0	3.1	2.8	2.7	2.6	2.8	2.6	2.5	2.3	2.4	2.4	2.6	2.7

The questions were:

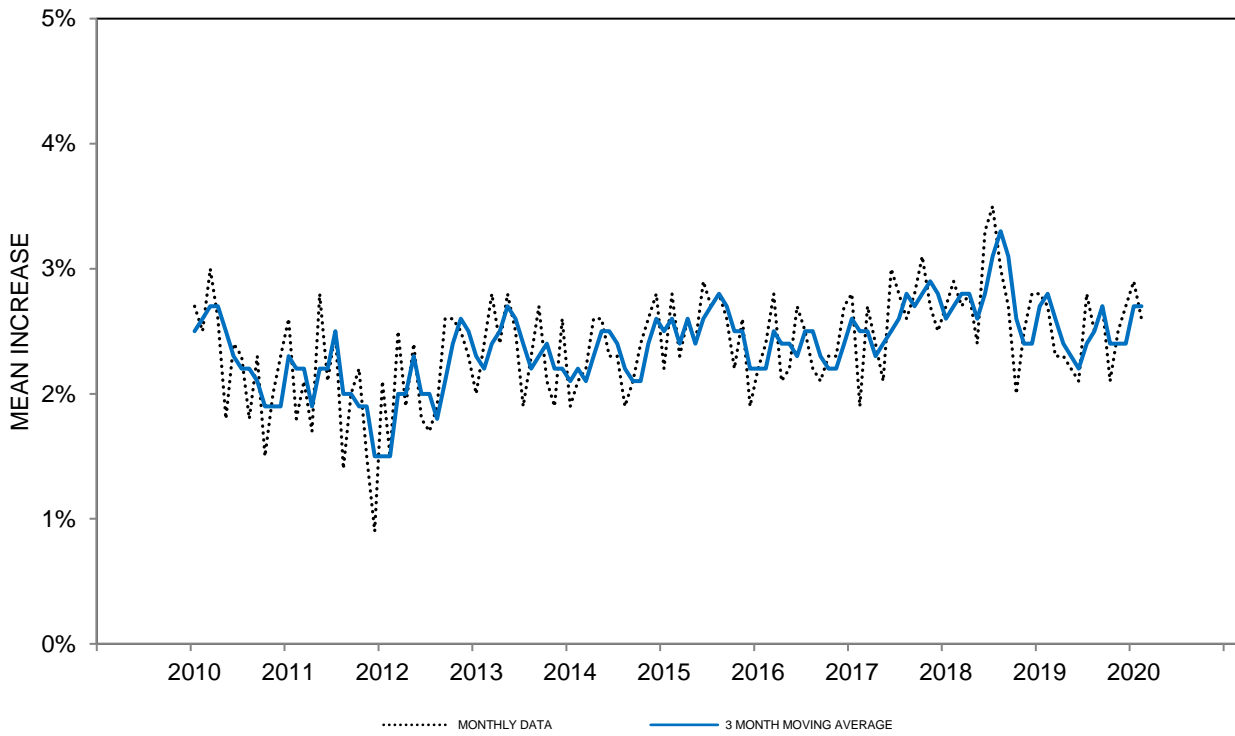
"What about the outlook for prices of homes like yours in your community over the next 5 years or so? Do you expect them to increase, remain about the same, or decrease?"

"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?"

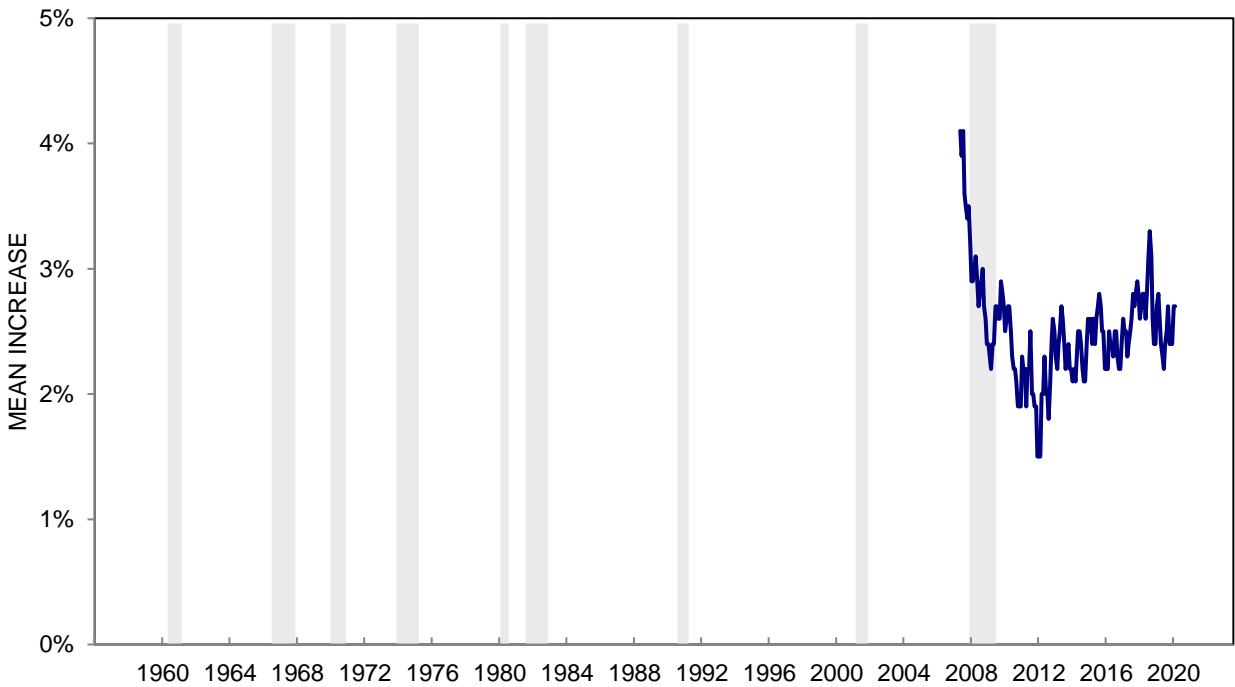
CASES is the number of homeowners.

*: 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).