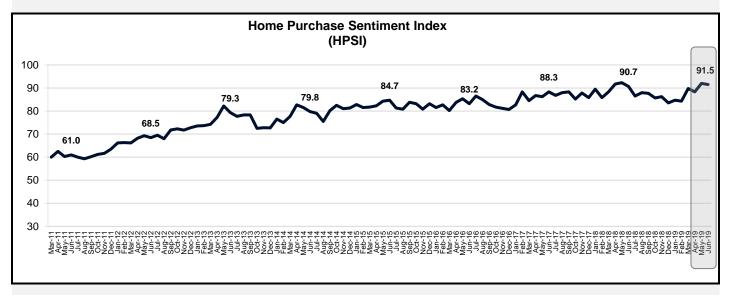


June 2019 Data Release

The Home Purchase Sentiment Index® (HPSI) is a composite index designed to track consumers' housing-related attitudes, intentions, and perceptions, using six questions from the National Housing Survey® (NHS).

The Home Purchase Sentiment Index

The HPSI fell 0.5 points in June to 91.5, falling slightly after rising 3.7 points in May.



Components of the HPSI

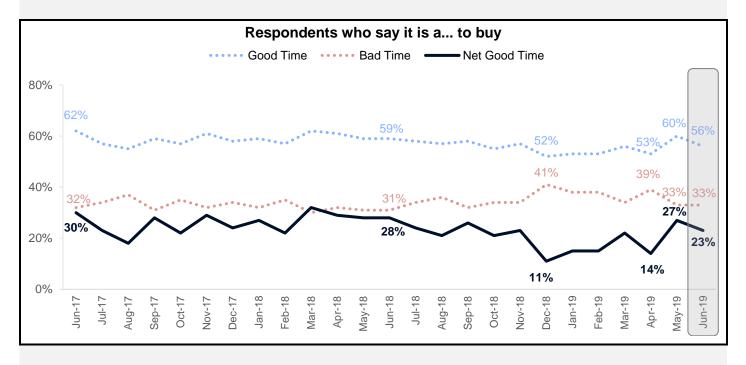
The decrease in the HPSI can be attributed to decreases in four of the components: Good Time To Buy (-4), Home Prices Will Go Up (-3), Confidence About Not Losing Job (-3), and Household Income is Significantly Higher (-1). One component increased: Mortgage Rates Will Go Down (+8). Good Time to Sell remained unchanged.

	June 2019*	Change Since Last Month	Change Since Last Year
June 2019 HPSI	91.5	-0.5	+0.8
Good Time To Buy	23	-4	-5
Good Time To Sell	43	0	-4
Home Prices Will Go Up (next 12 months)	38	-3	-8
Mortgage Rates Will Go Down (next 12 months)	-29	+8	+24
Confidence About Not Losing Job (next 12 months)	73	-3	-3
Household Income Is Significantly Higher (past 12 months)	20	-1	+1
* Net percentages of the component questions used to calculate HPSI, e.g. (Percent Good Time to Buy – Percent Bad Time to Buy) = 23			

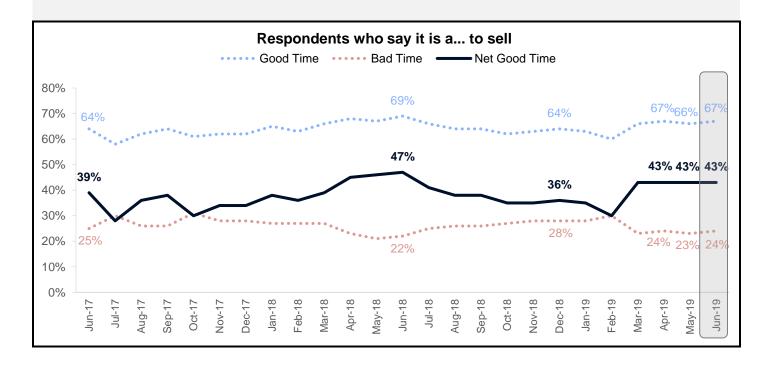


Components of the HPSI - Good/Bad Time to Buy and Sell a Home

In June, the net share of Americans who say it is a good time to buy fell 4 percentage points to 23%, after rising 13 percentage points in May.



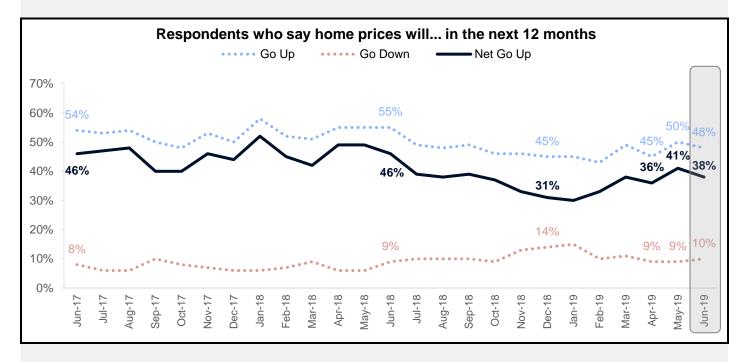
The net percentage of those who say it is a good time to sell remained at 43% for the fourth straight month.



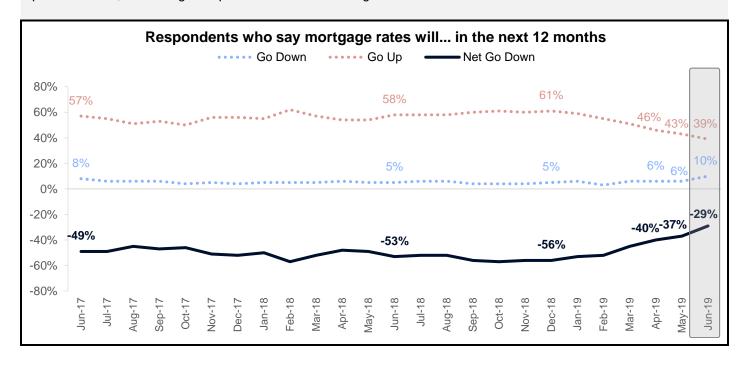


Components of the HPSI - Home Price and Mortgage Rate Expectations

The net share of Americans who say home prices will go up fell 3 percentage points to 38%, reversing the increase from last month.



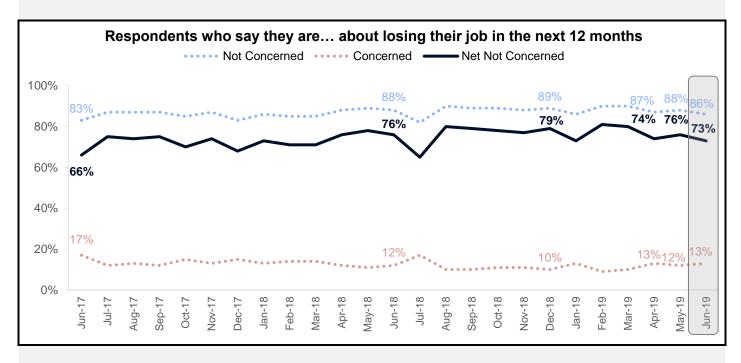
This month, the net share of those who say mortgage rates will go down over the next 12 months rose 8 percentage points to -29%, continuing the upward trend and reaching levels last seen in 2012.



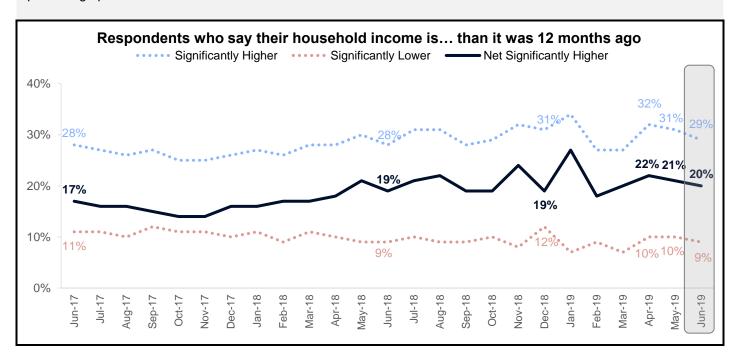


Components of the HPSI - Job Concerns and Household Incomes

The net share of Americans who say they are not concerned about losing their job fell 3 percentage points to 73%, reversing the increase from last month.



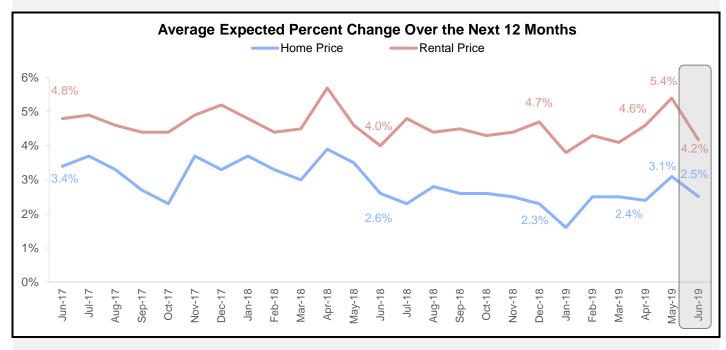
The net share of those who say their household income is significantly higher than it was 12 months ago fell 1 percentage point to 20%.



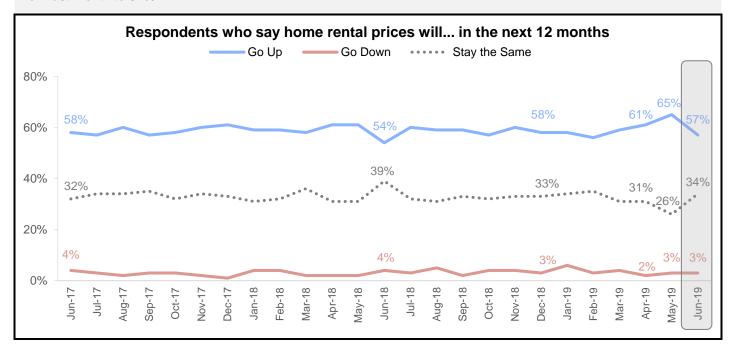


Additional National Housing Survey Key Indicators

On average, Americans expect rental prices to increase 4.2% over the next 12 months, 1.2 percentage points lower than last month. They expect home prices to rise 2.5% over the next 12 months, a 0.6 percentage point decrease.



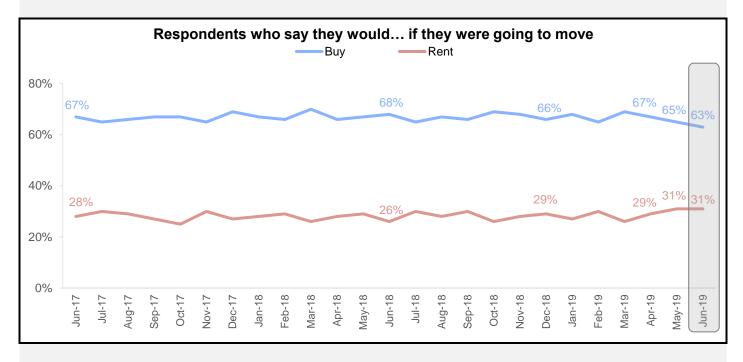
The share of Americans who expect home rental prices to go up fell 8 percentage points from the survey high last month to 57%, while the share who expect them to stay the same increased 8 percentage points from the survey low last month to 34%.



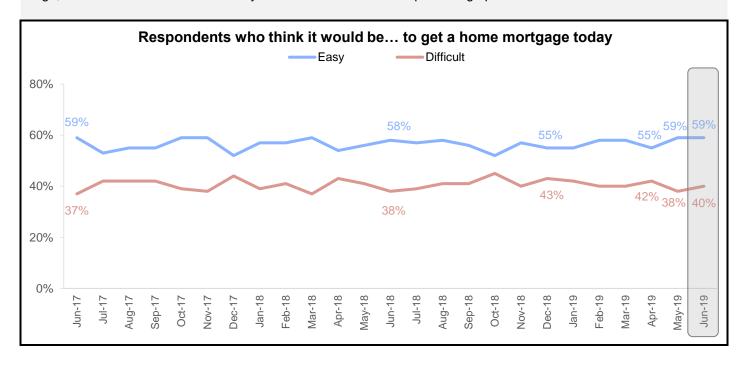


Additional National Housing Survey Key Indicators

The share of Americans who say they would buy if they were going to move fell another 2 percentage points to 63%, and the share who say they would rent remained at 31%.



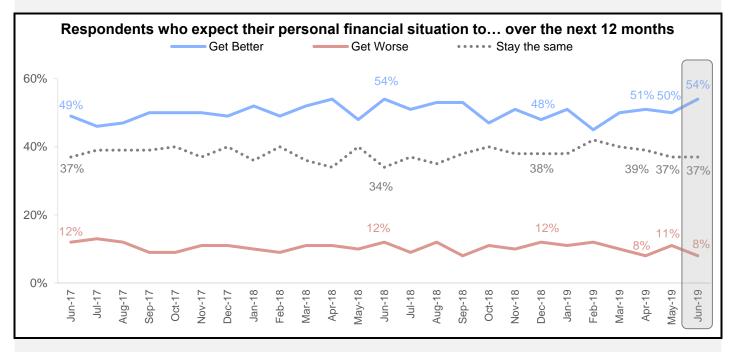
The share of Americans who say getting a mortgage would be easy remained at 59%, again matching the survey high, while the share of those who say it would be difficult rose 2 percentage points to 40%.



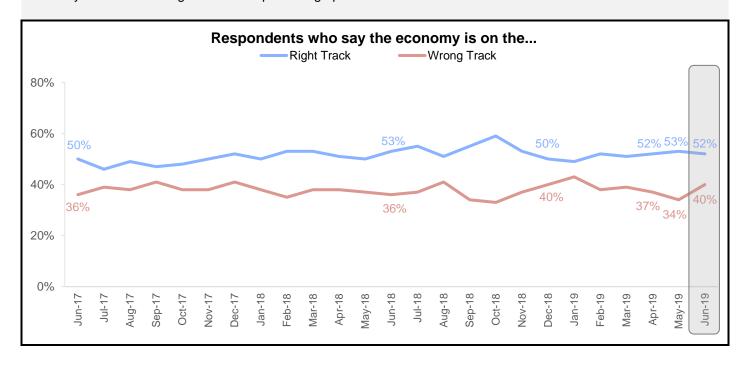


Additional National Housing Survey Key Indicators

The share of Americans who expect their personal financial situations to get better rose 4 percentage points to 54%, matching the survey high last seen June 2018. The share who expect it to stay the same remained at 37%, while the share who expect it to get worse fell 3 percentage points to 8%.



The share of Americans who say the economy is on the right track fell 1 percentage point to 52% while the share who say it is on the wrong track rose 6 percentage points to 40%.





The National Housing Survey®

June 2019 APPENDIX

About the Survey

The National Housing Survey[®] polled a nationally representative sample of 1,000 household financial decision makers (margin of error ±3.1%) aged 18 and older between June 1, 2019 and June 24, 2019. Most of the data collection occurred during the first two weeks of this period.

Interviews were conducted by PSB, in coordination with Fannie Mae.

The statistics in this release were estimated from sample surveys and are subject to sampling variability as well as nonsampling error, including bias and variance from response, nonreporting, and undercoverage. Averages of expected price changes were calculated after converting responses of "stay the same" to 0% and after excluding outliers, which were defined to be responses that were more than two standard deviations from the means.

How the Home Purchase Sentiment Index (HPSI) is Calculated*		
Net Good Time to Buy Very or Somewhat Good Time To Buy – Very or Somewhat Bad Time To Buy	Q12	
Net Good Time to Sell Very or Somewhat Good Time To Sell – Very or Somewhat Bad Time To Sell	Q13	
Net Home Prices Will Go Up (next 12 months) Home Prices Will Go Up – Home Prices Will Go Down	Q15	
Net Mortgage Rates Will Go Down (next 12 months) Mortgage Rates Will Go Down – Mortgage Rates Will Go Up	Q20B	
Net Confident About Not Losing Job (next 12 months) Not at All or Not Very Concerned about Losing Job – Very or Somewhat Concerned about Losing Job	Q112B	
Net Household Income is Significantly Higher (past 12 months) Income is Significantly Higher – Income is Significantly Lower	Q116	
$HPSI = \frac{Q12 + Q13 + Q15 + Q20B + Q112B + Q116}{6} + 63.5$		
* The HPSI calculation includes the addition of a constant of 63.5 in order to set the index's initial value at 60 as of March 2011, in range with the Index of Consumer Sentiment and the Consumer Confidence Index		

Time Series Data: http://fanniemae.com/resources/file/research/housingsurvey/xls/nhs-monthly-indicator-data-070819.xlsx

HPSI Overview: http://fanniemae.com/resources/file/research/housingsurvey/pdf/hpsi-overview.pdf

HPSI White Paper: http://fanniemae.com/resources/file/research/housingsurvey/pdf/hpsi-whitepaper.pdf



Home Purchase Sentiment	Index Over the Past 12	Months
June 2018	90.7	
July 2018	86.5	
August 2018	88.0	
September 2018	87.7	
October 2018	85.7	
November 2018	86.2	
December 2018	83.5	
January 2019	84.7	
February 2019	84.3	
March 2019	89.8	
April 2019	88.3	
May 2019	92.0	
June 2019	91.5	

Percent of respondents who say it is a good or bad time to buy			
	% Good Time to Buy	% Bad Time to Buy	Net % Good Time to Buy
June 2018	59	31	28
July 2018	58	34	24
August 2018	57	36	21
September 2018	58	32	26
October 2018	55	34	21
November 2018	57	34	23
December 2018	52	41	11
January 2019	53	38	15
February 2019	53	38	15
March 2019	56	34	22
April 2019	53	39	14
May 2019	60	33	27
June 2019	56	33	23



Percent of respondents who	say it is a good or bad tim	ne to sell	
	% Good Time to Sell	% Bad Time to Sell	Net % Good Time to Sell
June 2018	69	22	47
July 2018	66	25	41
August 2018	64	26	38
September 2018	64	26	38
October 2018	62	27	35
November 2018	63	28	35
December 2018	64	28	36
January 2019	63	28	35
February 2019	60	30	30
March 2019	66	23	43
April 2019	67	24	43
May 2019	66	23	43
June 2019	67	24	43

Percent of respondents who s	ay home prices will go	up, go down, or stay the same	in the next 12 months
	% Go Up	% Go Down	Net % Prices Will Go Up
June 2018	55	9	46
July 2018	49	10	39
August 2018	48	10	38
September 2018	49	10	39
October 2018	46	9	37
November 2018	46	13	33
December 2018	45	14	31
January 2019	45	15	30
February 2019	43	10	33
March 2019	49	11	38
April 2019	45	9	36
May 2019	50	9	41
June 2019	48	10	38



Percent of respondents who sa	y mortgage rates will g	go up, go down, or stay the s	ame in the next 12 months
	% Go Up	% Go Down	Net % Rates Will Go Down
June 2018	58	5	-53
July 2018	58	6	-52
August 2018	58	6	-52
September 2018	60	4	-56
October 2018	61	4	-57
November 2018	60	4	-56
December 2018	61	5	-56
January 2019	59	6	-53
February 2019	55	3	-52
March 2019	51	6	-45
April 2019	46	6	-40
May 2019	43	6	-37
June 2019	39	10	-29

Percent of respondents who say are concerned or not concerned about losing their job			
	% Concerned	% Not Concerned	Net % Not Concerned
June 2018	12	88	76
July 2018	17	82	65
August 2018	10	90	80
September 2018	10	89	79
October 2018	11	89	78
November 2018	11	88	77
December 2018	10	89	79
January 2019	13	86	73
February 2019	9	90	81
March 2019	10	90	80
April 2019	13	87	74
May 2019	12	88	76
June 2019	13	86	73



Percent of respondents who sa	y their household income is h	igher, lower, or about the same co	ompared to 12 months ago
	% Significantly Higher	% Significantly Lower	Net % Higher
June 2018	28	9	19
July 2018	31	10	21
August 2018	31	9	22
September 2018	28	9	19
October 2018	29	10	19
November 2018	32	8	24
December 2018	31	12	19
January 2019	34	7	27
February 2019	27	9	18
March 2019	27	7	20
April 2019	32	10	22
May 2019	31	10	21
June 2019	29	9	20

Average home/rental price change expectation			
	% Home Price Change	% Rental Price Change	
June 2018	2.6	4.0	
July 2018	2.3	4.8	
August 2018	2.8	4.4	
September 2018	2.6	4.5	
October 2018	2.6	4.3	
November 2018	2.5	4.4	
December 2018	2.3	4.7	
January 2019	1.6	3.8	
February 2019	2.5	4.3	
March 2019	2.5	4.1	
April 2019	2.4	4.6	
May 2019	3.1	5.4	
June 2019	2.5	4.2	



Percent of respondents who samonths	y home rental prices w	ill go up, go down, or stay the	same in the next 12
	% Go Up	% Go Down	% Stay the Same
June 2018	54	4	39
July 2018	60	3	32
August 2018	59	5	31
September 2018	59	2	33
October 2018	57	4	32
November 2018	60	4	33
December 2018	58	3	33
January 2019	58	6	34
February 2019	56	3	35
March 2019	59	4	31
April 2019	61	2	31
May 2019	65	3	26
June 2019	57	3	34

Percent of respondents who say they would buy or rent if they were going to move			
	% Buy	% Rent	
June 2018	68	26	
July 2018	65	30	
August 2018	67	28	
September 2018	66	30	
October 2018	69	26	
November 2018	68	28	
December 2018	66	29	
January 2019	68	27	
February 2019	65	30	
March 2019	69	26	
April 2019	67	29	
May 2019	65	31	
June 2019	63	31	



Percent of respondents who think it would be difficult or easy for them to get a home mortgage today					
	% Difficult	% Easy			
June 2018	38	58			
July 2018	39	57			
August 2018	41	58			
September 2018	41	56			
October 2018	45	52			
November 2018	40	57			
December 2018	43	55			
January 2019	42	55			
February 2019	40	58			
March 2019	40	58			
April 2019	42	55			
May 2019	38	59			
June 2019	40	59			

Percent of respondents who expect their personal financial situation to get better, get worse, or stay the same in the next 12 months				
	% Get Better	% Get Worse	% Stay the Same	
June 2018	54	12	34	
July 2018	51	9	37	
August 2018	53	12	35	
September 2018	53	8	38	
October 2018	47	11	40	
November 2018	51	10	38	
December 2018	48	12	38	
January 2019	51	11	38	
February 2019	45	12	42	
March 2019	50	10	40	
April 2019	51	8	39	
May 2019	50	11	37	
June 2019	54	8	37	



Percent of respondents who think the economy is on the right track or the wrong track					
	% Right Track	% Wrong Track			
June 2018	53	36			
July 2018	55	37			
August 2018	51	41			
September 2018	55	34			
October 2018	59	33			
November 2018	53	37			
December 2018	50	40			
January 2019	49	43			
February 2019	52	38			
March 2019	51	39			
April 2019	52	37			
May 2019	53	34			
June 2019	52	40			