

Housing Forecast: December 2018

	2018			2019				2020								
	18.1	18.2	18.3	18.4	19.1	19.2	19.3	19.4	20.1	20.2	20.3	20.4	2017	2018	2019	2020
Housing Starts and Sales (SAAR, Thous. Units)																
Housing Starts	1,317	1,261	1,225	1,246	1,247	1,261	1,271	1,282	1,287	1,288	1,289	1,288	1,203	1,262	1,265	1,288
Single-Family (1 Unit)	889	896	877	871	875	895	912	928	934	937	939	940	849	883	903	938
Percent Change: Year-over-Year													8.6%	4.1%	2.2%	3.9%
Multifamily (2+ Units)	428	365	347	375	372	366	359	354	353	351	350	348	354	379	363	351
New Single-Family Home Sales	656	633	598	581	599	618	628	632	635	637	639	640	613	617	619	638
																3.0%
	5,507	5,413	5,273	5,240	5,281	5,342	5,395	5,441	5,449	5,454	5,457	5,459				5,455
																1.7%
	6,163	6,046	5,871	5,821	5,880	5,960	6,023	6,073	6,084	6,091	6,096	6,099				6,092
Percent Change: Year-over-Year													1.9%	-2.4%	0.1%	1.8%
Home Prices (NSA Thous \$)																
	331	31/	324	354	3/17	320	338	368	350	337	3/5	375	323	331	345	354
																276
5																2.2%
Thir Ar aronado only made (10 onlange: Quarterly ToT; Annual Q4(Q4)	7.470	0.070	0.070	0.470	-170	4.070	4.070	4.170	0.070	2.070	2.070	2.270	0.070	0.470	4.170	2.270
Mortgage Rates (Percent)																
30-Year Fixed Rate Mortgage	4.3	4.5	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.0	4.6	4.8	4.8
5-Year Adjustable Rate Mortgage	3.6	3.8	3.9	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.3	3.2	3.8	4.2	4.3
																1,651
Purchase	227															1,246
	147															404
Refinance Share (%)	39%	25%	24%	27%	32%	23%	24%	25%	30%	22%	23%	25%	36%	28%	26%	25%
Percent Change: Year-over-Year Total Existing Home Sales (Single-Family, Condos and Co-Ops) Percent Change: Year-over-Year Total Home Sales (New + Existing) Percent Change: Year-over-Year Home Prices (NSA, Thous. \$) Median New Median Total Existing FHFA Purchase-Only Index (% Change: Quarterly YoY, Annual Q4/Q4) Mortgage Rates (Percent) 30-Year Fixed Rate Mortgage 5-Year Adjustable Rate Mortgage Single-Family Mortgage Originations (NSA, Bil. \$, 1-4 Units) Mortgage Originations	5,507 6,163 331 244 7.4% 4.3 3.6 374 227	5,413 6,046 314 266 6.8% 4.5	5,273 5,871 324 264 6.3% 4.6	5,240 5,821 354 260 5.4% 4.8	5,281 5,880 347 256 4.4% 4.8	5,342 5,960 329 278 4.8% 4.8%	5,395 6,023 338 275 4.3% 4.8	5,441 6,073 368 270 4.1% 4.8	5,449 6,084 359 264 3.5% 4.8	5,454 6,091 337 285 2.6% 4.8	5,457 6,096 345 281 2.5% 4.8	5,459 6,099 375 275 2.2% 4.8	9.3% 5,510 1.1% 6,123 1.9% 323 247 6.9% 4.0	0.6% 5,358 -2.8% 5,975 -2.4% 331 258 5.4% 4.6	0.4% 5,365 0.1% 5,984 0.1% 345 270 4.1% 4.8	3. 5,4 1. 6,0 1. 2. 2. 1,0 1,2

December 10, 2018

Note: Interest rate forecasts are based on rates from November 30, 2018.

Note: All mortgage originations data are Fannie Mae estimates as there is no universal source for market-wide originations data.

Note: Unshaded areas denote actuals. Shaded areas denote forecasts.

Sources: Actuals: Census Bureau, National Association of REALTORS®, Federal Housing Finance Agency, Freddie Mac, Federal Reserve Board. Forecasts: Fannie Mae Economic & Strategic Research Opinions, analyses, estimates, forecasts, and other views of Fannie Mae's Economic & Strategic Research (ESR) group included in these materials should not be construed as indicating Fannie Mae's business prospects or expected results, are based on a number of assumptions, and are subject to change without notice. How this information affects Fannie Mae will depend

on many factors. Although the ESR group bases its opinions, analyses, estimates, forecasts, and other views on information it considers reliable, it does not guarantee that the information provided

in these materials is accurate, current or suitable for any particular purpose. Changes in the assumptions or the information underlying these views could produce materially different results.

The analyses, opinions, estimates, forecasts, and other views published by the ESR group represent the views of that group as of the date indicated and do not necessarily represent the views

of Fannie Mae or its management.