

August 2016 Highlights

• Total refinance volume increased in August 2016 as rates fell over the previous five months. Mortgage rates remained unchanged in August: the average interest rate on a 30-year fixed rate mortgage was 3.44 percent.

In August 2016:

- Borrowers completed 5,272 refinances through HARP, bringing total refinances from the inception of the program to 3,429,247.
- HARP volume represented 3 percent of total refinance volume.
- Six percent of the loans refinanced through HARP had a loanto-value ratio greater than 125 percent.

Year to date though August 2016:

- Borrowers with loan-to-value ratios greater than 105 percent accounted for 21 percent of the volume of HARP loans.
- Twenty-six percent of HARP refinances for underwater borrowers were for shorter-term 15- and 20-year mortgages, which build equity faster than traditional 30-year mortgages.
- HARP refinances represented 8 or more percent of total refinances in Florida and Georgia, more than double the 4 percent of total refinances nationwide over the same period.
- Borrowers who refinanced through HARP had a lower delinquency rate compared to borrowers eligible for HARP who did not refinance through the program.

• Ten states accounted for over 60 percent of the nation's HARP eligible loans with a refinance incentive as of March 31, 2016.

Overview and Eligibility of the Home Affordable Refinance Program (HARP) HARP Overview

HARP was established in 2009 to assist homeowners unable to access a refinance due to a decline in their home value. The inception date of the program was April 1, 2009.

The program is designed to provide these borrowers with an opportunity to refinance by permitting the transfer of existing mortgage insurance to their newly refinanced loan, or by allowing those without mortgage insurance on their previous loan to refinance without obtaining new coverage.

HARP enhancements took effect in 2012 to increase access to the program for responsible borrowers. The program was scheduled to expire on December 31, 2013, and was extended to expire on December 31, 2015. On May 8, 2015, HARP was extended again to expire on December 31, 2016. On August 25, 2016, HARP was extended once more to expire on September 30, 2017.

HARP Eligibility

Below are the basic HARP eligibility criteria:

- Loan must be owned or guaranteed by Fannie Mae or Freddie Mac.
- Loan must have been originated on or before May 31, 2009.
- Current loan-to-value ratio -- LTV -- (outstanding mortgage balance/home value) must be greater than 80 percent. There is no LTV ceiling.
- Borrower must be current on their mortgage payments at the time of the refinance.

• Payment history – borrower is allowed one late payment in the past 12 months, as long as it did not occur in the 6 months prior to the refinance.



FHFA Refinance Report

Total refinance volume increased in August 2016 as rates fell over the previous five months. Mortgage rates remained unchanged in August: the average interest rate on a 30-year fixed rate mortgage was 3.44 percent.



Mortgage Rates vs Refinance Volume

- A Highest rate in 2008 for a 30-year mortgage.
- B GSEs placed into conservatorship on 09/06/08.
- C Fed announces MBS purchase program on 11/25/08.
- D Treasury rates sharply rose and reached a 2009 high on a better than expected June unemployment report.
- E 30-year mortgage rates reached 4.17 percent in early November, marking the lowest level observed since Freddie Mac began tracking rates in 1971.
- F Treasury rates fell amid ongoing concerns of a growing debt crisis in Europe.
- G 30-year mortgage rates reached new historic lows in November 2012.
- H Mortgage rates rose after Federal Reserve Chairman Bernanke stated in late May that the central bank was considering slowing its \$85 billion per month bond buying program known as quantitative easing.
- I Highest rate for a 30-year mortgage since July 2011.
- J 30-year mortgage rates reached a monthly average of 3.67 percent in January, the lowest level seen since mid 2013.
- K 30-year mortgage rates reached a monthly average of 4.05 percent in July 2015, the highest level observed since September 2014, amid expectations of a rate hike by the Federal Reserve.
- L The Federal Reserve raised the target federal funds rate from a range of 0%-0.25% to a range of 0.25%-0.5% on 12/16/15 in response to a strenghtening economy.



In August 2016, 5,272 refinances were completed through HARP, bringing total refinances through HARP from the inception¹ of the program to 3,429,247.

Refinances Through August 2016

Total Refinances	August 2016	Year to Date 2016	2015	Inception to Date
Fannie Mae Freddie Mac Total	118,354 <u>87,737</u> 206,091	787,399 <u>537,002</u> 1, <u>324,401</u>	1,187,887 <u>897,049</u> 2,084,936	14,633,049 9,185,325 23,818,374
Total HARP	,	, ,	, ,	-,
Fannie Mae Freddie Mac Total	3,236 2,036 5,272	30,254 <u>18,436</u> 48,690	65,562 <u>44,549</u> 110,111	2,029,044 1,400,203 3,429,247
HARP LTV >80% -105%				
Fannie Mae Freddie Mac Total	2,693 <u>1,579</u> 4,272	24,254 <u>14,168</u> 38,422	50,962 <u>33,224</u> 84,186	1,444,714 <u>964,945</u> 2, <mark>409,659</mark>
HARP LTV >105% -125%		,	- ,	, ,
Fannie Mae Freddie Mac Total	374 <u>286</u> 660	4,104 <u>2,877</u> 6,981	9,596 <u>7,559</u> 17,155	327,693 <u>260,095</u> 587,788
HARP LTV >125%				
Fannie Mae Freddie Mac Total	169 <u>171</u> 340	1,896 <u>1,391</u> 3,287	5,004 <u>3,766</u> 8,770	256,637 <u>175,163</u> 431,800
All Other Streamlined Refis				
Fannie Mae	8,218	67,234	132,570	2,427,344
Freddie Mac	5,201	41,249	85,677	1,420,632
Total	13,419	108,483	218,247	3,847,976



¹ Inception - April 1, 2009

In August 2016, 5,272 loans were refinanced through HARP, representing 3 percent of total refinance volume during the month.





From inception¹ through August 2016, 2,868,954 loans refinanced through HARP were for primary residences, 108,975 were for second homes and 451,318 were for investment properties.

HARP Loans by Property Type Inception through August 2016

	Total	Primary Residence	Second Home	Investment Property
Total HARP				
Fannie Mae Freddie Mac	2,029,044 1,400,203	1,674,828 1,194,126	61,288 47,687	292,928 158,390
Total	3,429,247	2,868,954	108,975	451,318
HARP LTV >80% -105%				
Fannie Mae Freddie Mac Total	1,444,714 <u>964,945</u> 2, <mark>409,659</mark>	1,217,073 <u>841,060</u> 2,058,133	44,552 <u>31,129</u> 75,681	183,089 92,756 275,845
HARP LTV >105% -125%				
Fannie Mae Freddie Mac Total	327,693 <u>260,095</u> 587,788	263,692 <u>216,283</u> 479,975	8,771 <u>8,982</u> 17,753	55,230 <u>34,830</u> 90,060
HARP LTV >125%				
Fannie Mae Freddie Mac Total	256,637 <u>175,163</u> 431,800	194,063 <u>136,783</u> 330,846	7,965 <u>7,576</u> 15,541	54,609 <u>30,804</u> 85,413
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Source: FHFA (Fannie Mae and Freddie Mac)

¹Inception - April 1, 2009



In August 2016, 6 percent of the loans refinanced through HARP had a loan-to-value ratio greater than 125 percent.



¹ The number of completed HARP refinances reported for deeply underwater borrowers increased sharply in June 2012 as further enhancements to HARP went into effect. Starting June 1, 2012, lenders became able to deliver loans with loan-to-value ratios greater than 125 percent refinanced through HARP to the Enterprises to be securitized.



FHFA Refinance Report

Year to date through August 2016, borrowers with loan-to-value ratios greater than 105 percent accounted for 21 percent of the volume of HARP loans. The proportion of HARP refinances for underwater borrowers (LTV greater than 105 percent) refinancing to shorter term mortgages accounted for 26 percent. Shorter term 15- and 20-year mortgages build equity faster than traditional 30-year mortgages.



¹ Includes HARP LTV >105%-125% and HARP LTV >125%. Source: FHFA (Fannie Mae and Freddie Mac) ² Includes 25-year and 40-year mortgages. Source: FHFA (Fannie Mae and Freddie Mac)



Borrowers who refinanced through HARP had a lower delinquency rate compared to borrowers eligible for HARP who did not refinance through the program.

Refinance or Eligibility Month	Category	>80-105%	>105-125%	>125%	Total
June 2009	Loans Refinanced through HARP ²	7.8%			7.8%
June 2009	Loans Eligible for HARP ³	14.1%			14.1%
June 2010	Loans Refinanced through HARP	8.9%	17.6%		9.4%
June 2010	Loans Eligible for HARP	10.0%	18.3%		11.6%
June 2011	Loans Refinanced through HARP	5.6%	10.2%		6.4%
June 2011	Loans Eligible for HARP	6.7%	11.2%		7.8%
June 2012	Loans Refinanced through HARP	2.3%	3.6%	6.4%	4.3%
June 2012	Loans Eligible for HARP	5.0%	7.5%	11.2%	6.7%
June 2013	Loans Refinanced through HARP	1.8%	3.0%	4.3%	2.5%
June 2013	Loans Eligible for HARP	4.7%	7.4%	10.1%	6.0%
June 2014	Loans Refinanced through HARP	2.3%	3.1%	4.0%	2.6%
June 2014	Loans Eligible for HARP	3.7%	5.9%	7.7%	4.5%
June 2015	Loans Refinanced through HARP	0.8%	1.0%	1.4%	0.8%
	Loans Eligible for HARP	1.9%	2.9%	3.9%	2.2%

Ever 90 Days Delinquency Rate¹: Fannie Mae and Freddie Mac

Source: FHFA (Fannie Mae and Freddie Mac)

Notes

1. This measures the cumulative percentage of loans that have become 90 or more days delinquent in any of the months after June 2009, 2010, 2011, 2012, 2013, 2014 or 2015 (the refinance or eligibility date) through June 2016 for loans refinanced through HARP or eligible for HARP.

2. This measures the ever 90+ day delinquency percentage for loans refinanced through HARP during the month of June 2009, 2010, 2011, 2012, 2013, 2014 or 2015.

3. This measures the ever 90+ day delinquency percentage for loans that were eligible for refinancing through HARP but were not refinanced through the program as of the end of the reporting month of June 2009, 2010, 2011, 2012, 2013, 2014 or 2015. LTVs as of the eligibility date for loans are estimated using internal Fannie Mae and Freddie Mac house price indices at a zip code level. This measure may be understated because some loans may have later been paid off or refinanced through HARP.

Fannie Mae defines a HARP eligible loan as being current on payments for the last 6 months with at most a single missed payment in the last 12 months for both HARP 1 and HARP 2 eligibility; Freddie Mac defines a HARP eligible loan as being current on payments for the last 12 months for HARP 1 (2009-2011) eligibility, or current on payments for the last 6 months with at most a single missed payment in the last 12 months for HARP 2 (2012 onward) eligibility.

Other eligibility rules specific to Fannie Mae and Freddie Mac may also apply.



Borrowers who refinanced through HARP had a lower delinquency rate compared to borrowers eligible for HARP who did not refinance through the program.



Notes

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Other eligibility rules specific to Fannie Mae and Freddie Mac may also apply.



HARP continued to account for a substantial portion of total refinance volume in certain states. Year to date through August 2016, HARP refinances represented 8 percent or more of total refinances in Florida and Georgia, double the 4 percent of total refinances nationwide over the same period.

Underwater borrowers accounted for a large portion of HARP refinances in a number of states. Year to date through August 2016, underwater borrowers represented 32 percent or more of HARP volume in Nevada and Florida.





Ten states accounted for over 60 percent of the nation's HARP eligible loans with a refinance incentive. The national total of HARP eligible loans with a refinance incentive was 323,367 as of March 31, 2016. Additional information can be found in an interactive map at www.HARP.gov.

HARP Eligible Loans with a Refinance Incentive*



Source: FHFA (Fannie Mae and Freddie Mac)

* FHFA uses the following criteria to identify HARP eligible loans: Conventional loans originated before 6/1/2009; unpaid principal balance greater than 80 percent of current property value: and meet the payment history requirement of no delinguencies in the prior six months and at most one delinguency in the prior 12 months. To estimate the HARP-eligible with a refinance incentive population, FHFA applies the following filters to the HARP-eligible loans: Remaining balance greater than \$50,000; remaining term greater than ten years, and note rate 150 basis points (1.5%) above the market rate.



FHFA Refinance Report

Appendix: Data Tables

Fannie Mae and Freddie Mac - Monthly Refinance Volume (# of loans)

	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
Total Refinances													
Fannie Mae	89,178	86,726	86,070	85,289	77,334	77,434	79,527	99,261	103,717	101,201	106,498	101,407	118,354
Freddie Mac	64,878	56,606	58,949	61,375	59,283	54,833	50,548	67,872	64,492	72,013	70,591	68,916	87,737
Total	154,056	143,332	145,019	146,664	136,617	132,267	130,075	167,133	168,209	173,214	177,089	170,323	206,091
Total HARP													
Fannie Mae	4,540	5,443	4,731	4,488	3,545	3,806	4,016	4,545	3,914	3,929	3,536	3,272	3,236
Freddie Mac	2,957	3,619	3,024	2,958	2,328	2,433	2,408	2,779	2,433	2,162	2,336	1,849	2,036
Total	7,497	9,062	7,755	7,446	5,873	6,239	6,424	7,324	6,347	6,091	5,872	5,121	5,272
HARP LTV >80% -105%													
Fannie Mae	3,472	4,241	3,555	3,544	2,743	3,056	3,066	3,629	3,150	3,184	2,768	2,708	2,693
Freddie Mac	2,209	2,755	2,281	2,215	1,821	1,850	1,718	2,199	1,869	1,710	1,746	1,497	1,579
Total	5,681	6,996	5,836	5,759	4,564	4,906	4,784	5,828	5,019	4,894	4,514	4,205	4,272
HARP LTV >105% -125%													
Fannie Mae	704	787	759	647	555	506	615	614	572	497	512	414	374
Freddie Mac	479	544	504	497	319	376	475	408	382	308	395	247	286
Total	1,183	1,331	1,263	1,144	874	882	1,090	1,022	954	805	907	661	660
HARP LTV >125%													
Fannie Mae	364	415	417	297	247	244	335	302	192	248	256	150	169
Freddie Mac	269	320	239	246	188	207	215	172	182	144	195	105	171
Total	633	735	656	543	435	451	550	474	374	392	451	255	340
All Other Streamlined Ref	ïis												
Fannie Mae	9,128	10,666	9,085	9,806	7,079	7,998	8,040	9,492	8,825	8,667	7,957	8,037	8,218
Freddie Mac	6,563	6,556	6,190	5,930	4,541	4,786	4,496	6,042	5,384	5,215	5,349	4,776	5,201
Total	15,691	17,222	15,275	15,736	11,620	12,784	12,536	15,534	14,209	13,882	13,306	12,813	13,419

Notes:

Initially HARP Refinance Loans were defined as Fannie Mae to Fannie Mae and Freddie Mac to Freddie Mac first-lien refinance loans with limited and no cash out that have loan-to-value ratios over 80 percent up to 125 percent. HARP Enhancements: On October 24, 2011, FHFA, Fannie Mae and Freddie Mac announced HARP changes to reach more borrowers. Effective December 1, 2011, existing Enterprise borrowers who are current on their

mortgage payments can refinance and reduce their monthly mortgage payments at loan-to-value ratios above 80 percent without any maximum loan-to-value limit.

Starting with the November 2012 Refinance Report, the definition of HARP for Fannie Mae has been expanded to include second home and investment property refinances with LTVs greater than 80 percent, which is consistent with the definition of HARP for Freddie Mac since the inception of the program.

All Other Streamlined Refis are streamlined refinances that do not qualify as HARP refinances. Fannie Mae implements streamlined refinances through the Refi Plus product for manual underwriting and DU Refi Plus product for loans underwritten through Desktop Underwriter. The product is available for refinances of existing Fannie Mae loans only. Freddie Mac implements streamlined refinances through the Relief Refinance Mortgage product. Loans may be originated by any Freddie Mac approved servicer.



Appendix: Data Tables

Fannie Mae - Loan Count by LTV and Product (Mortgage Term)

	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
Total Refinances													
FRM 30 (incl FRM 25 & 40)	51,652	50,792	51,993	48,742	45,037	45,643	45,544	59,627	63,032	59,987	64,339	58,749	70,908
FRM 20	6,196	7,122	6,945	6,628	5,559	6,546	6,516	8,070	8,408	8,896	8,881	9,133	12,141
FRM 15	29,506	26,865	25,205	27,968	25,135	23,760	26,115	29,854	30,924	31,064	32,019	32,289	33,884
HARP >80-105 LTV													
FRM 30 (incl FRM 25 & 40)	2,053	2,789	2,225	2,233	1,740	1,994	1,971	2,430	2,019	2,017	1,803	1,722	1,693
FRM 20	565	637	579	515	350	416	434	500	437	514	414	427	485
FRM 15	795	752	686	751	633	621	635	680	671	637	533	542	500
HARP >105-125 LTV													
FRM 30 (incl FRM 25 & 40)	503	611	547	479	386	380	445	429	429	368	364	312	271
FRM 20	89	74	118	75	56	54	66	77	69	52	57	53	39
FRM 15	112	102	94	93	113	72	104	108	74	77	91	49	64
HARP > 125 LTV													
FRM 30 (incl FRM 25 & 40)	256	317	301	236	188	168	258	251	122	200	190	138	122
FRM 20	38	48	40	25	40	14	27	33	20	17	21	4	13
FRM 15	70	50	76	36	19	62	50	18	50	31	45	8	34
All Other Streamlined Refis													
FRM 30 (incl FRM 25 & 40)	4,005	4,836	4,065	4,389	3,343	3,738	3,700	4,423	4,080	4,027	3,756	3,783	3,773
FRM 20	1,161	1,864	1,402	1,393	770	1,041	1,026	1,320	1,130	1,247	1,124	1,162	1,519
FRM 15	3,870	3,869	3,531	3,934	2,918	3,183	3,284	3,714	3,581	3,354	3,042	3,060	2,889



Appendix: Data Tables

Freddie Mac - Loan Count by LTV and Product (Mortgage Term)

	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
Total Refinances													
FRM 30 (incl FRM 25 & 40)	38,543	32,361	32,301	36,186	35,589	33,559	30,505	40,683	39,744	44,912	44,159	42,995	53,091
FRM 20	4,946	4,387	4,287	4,753	4,195	4,134	4,008	6,062	5,322	5,849	4,972	4,715	6,457
FRM 15	19,615	17,848	20,478	19,053	18,118	16,065	14,850	20,307	18,246	20,286	20,660	20,340	27,032
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HARP >80-105 LTV													
FRM 30 (incl FRM 25 & 40)	1,386	1,728	1,406	1,360	1,187	1,202	1,068	1,353	1,169	1,052	1,112	848	905
FRM 20	285	395	349	362	235	260	279	342	262	266	273	265	324
FRM 15	521	614	503	484	394	380	368	503	426	386	349	383	345
HARP >105-125 LTV													
FRM 30 (incl FRM 25 & 40)	341	419	367	379	244	308	340	332	263	231	263	184	201
FRM 20	42	46	49	56	3	15	50	29	39	31	47	13	23
FRM 15	96	79	88	62	72	53	85	47	80	46	85	50	62
HARP > 125 LTV													
FRM 30 (incl FRM 25 & 40)	215	236	163	190	137	165	164	124	120	101	133	89	110
FRM 20	30	30	25	13	12	9	16	16	24	16	25	4	7
FRM 15	24	54	51	43	39	33	35	32	38	27	37	12	54
All Other Streamlined Refis													
FRM 30 (incl FRM 25 & 40)	3,100	2,827	2,424	2,340	2,173	2,170	1,813	2,554	2,310	2,207	2,279	1,976	2,253
FRM 20	744	1,007	861	878	525	603	716	849	718	742	728	825	975
FRM 15	2,693	2,686	2,857	2,684	1,826	1,988	1,946	2,632	2,332	2,255	2,315	1,961	1,960
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Appendix: State Level Data Enterprises Refinance Activity by State - August 31, 2016

			August	2016					Year-to-Da	te 2016			Inception to Date ¹						
State	Refinances	Other Streamlined Refis	HARP LTV >80% -105%	HARP LTV >105% - 125%	HARP LTV >125%	Total HARP	Total Refinances	Other Streamlined Refis	HARP LTV >80% -105%	HARP LTV >105% - 125%	HARP LTV >125%	Total HARP	Total Refinances	Other Streamlined Refis	HARP LTV >80% - 105%	HARP LTV >105% - 125%	HARP LTV >125%	Total HARP	
AK	357	22	4	-	-	4	2,100	237		-	1	19	54,001			32	10		
AL	1,653	171	77	3	1	81		1,514	652	56			244,345		25,941	4,002	869		
AR	956	89	24	1	1	26		776		14		202	137,727		11,850	1,687	317		
AZ	6,018	357	197	48		259		2,728	1,713	440		2,274	562,775		81,459	38,352	43,836		
CA CO	48,937	1,733	430 19	<u>76</u>		534 20		13,210 2,772		<u>683</u> 17			4,107,412			88,422	<u>88,058</u> 1.091		
CT	8,382 1,476	<u>343</u> 128	76	20		105		1,034	185 646	147			669,470 283,435		52,934 30,048	4,890 6,113	2,150	58,915 38,311	
DC	490	36	1	1		2		344		147		29	63,111		3,050	347	172		
DE	565	54	24	4	1	29		471	257	25	7	289	83,633		11,699	2,289	454		
FL	9,329	982	472	116	66	654		7,318		1.136		5.673	958,492		149,775	71,755	99.679		
GA	5,072	487	260	43		322		4,009		405	214		618,096		109,903	34,302	26,771	170,976	
HI	1,025	69	14	1	-	15	5,644	534	90	10	5	105	100,850	13,547	7,411	1,296	586		
IA	1,737	100	11	2	-	13		816		8			253,084		12,156	788	69		
ID	1,272	105	23	1	-	24		685		25			133,162		19,603	6,712	3,535		
IL	8,794	469	316	47		404		4,027	2,636	649			1,239,958		150,178	43,188	31,134		
IN	3,119	257	69	5		78		2,322		53					42,905	4,245	686		
KS	1,203	105	17	1	1	19		799		4	3		172,776		12,008	861	176		
KY	1,751	124	15	1	1	17			208	0			250,126		14,410	822	116		
LA MA	1,842 5,373	<u>190</u> 260	25 66	11		26 77		1,354 2,165	251 673	<u>20</u> 76			213,692 737,831		<u>13,155</u> 53,614	1,122 8,521	238		
MA	3,920	337	185	25		231		2,165	1,557	314		2,032	580,343		70,337	18,692	10,007		
ME	564	42	15	25	21	17		404		17			88,565		8,738	1,020	149		
MI	6,503	453	188	46	33	267		4,175		431			777,723		147,476	46,960	32,543		
MN	4,340	315	86	10		97		2,566		104	13		573,247		89,255	19,553	6,661	115,469	
MO	3,577	236	85	13		104		2,239	801	114	61		503,786		48,678	7,907	2,171	58,756	
MS	716	87	28	1	2	31	5,619		239	19	13	271	103,240		10,194	1,387	399	11,980	
MT	682	32		-	-	2		367		4	1		96,511		5,708	590	137		
NC	5,160	532	119	9	2	130		3,992		128	31	1,258	687,101		76,085	9,870	1,607		
ND	406	12	1	-	-	1	2,771	78		-	-	2	43,909		544	11	3		
NE	1,174	53		-	-	9		541	79	1	-	80	147,986		7,785	299	26		
NH NJ	888	<u>59</u> 388	20 181	3 16		23 209		560 2,945		38 294			131,311		18,096	3,341 17,017	858		
NM	4,865 898	<u> </u>	40	3	12	209		2,945		294			724,159 126,076	126,306 23,909	79,641 15,997	2,375	<u>6,635</u> 265		
NV	2,365	155	88	20	14	122		1.106		241	175		178,260	23,909	25,164	13,157	203		
NY	4,951	567	113	13		131		4,405		158			859,863		63,397	8,500	2,369		
OH	5,044	483	213	32		269		3,966		364	214		725,400			20,176	6,485	132,121	
OK	1,241	97		1		14		809		8			157,528		8,791	332	68		
OR	3,693	200	34	2	-	36	25,999	1,865	397	37			416,216		55,736	12,647	4,845	73,228	
PA	4,294	452	136	20	8	164		3,964	1,301	202			755,525		65,362	8,249	2,157		
RI	547	39		4		27		294		53			79,101		9,642	3,170	1,764		
SC	2,342	233		11	4	100		1,776		102			284,136		34,148	6,667	2,868		
SD	451	18		-	-	1		172		1	-				1,582	38	11		
TN	2,862	233	49	4	2	55		1,996		37			350,111		32,587	4,299	890		
TX	12,693	991	47	2	-	49		8,065		<u>18</u> 8			1,215,191	252,100	72,429	4,629	557		
UT VA	3,727 5,502	<u>131</u> 436	23 154	- 15	-	23 174		1,110 3,393		192			305,469 773,190		34,612 80,101	6,680 15,953	1,539 4,317		
VA	282	24	7	15	5	9		3,393	74	5	54				2,719	15,953	4,317		
WA	7,277	373	85	6	- 2	93		2,996		89			793,937		99,733	24,000	9,485		
WI	4,658	176	79	9	7	95		1,598		99			713,013		55,175	7,816	2,294		
WV	431	37	8	2	-	10		253		16			61,445		4,739	1,253	511		
WY	393	35		1	-	4	2,829	200		3	-	30			2,594	260	79		
Other ²	294	14	15	5		23	2,385	134		73			57,376	1,831	3,745	996	240	4,981	
Total	206,091	13,419	4,272	660	340	5,272	1,324,401	108,483	38,422	6,981	3,287	48,690	23,818,374	3,847,976	2,409,659	587,788	431,800	3,429,247	

¹ Inception to Date - Since April 1, 2009, the inception of HARP. ² Consists of Guam, Puerto Rico, Virgin Islands and other loans for which data are not available.



Appendix: State Level Data Fannie Mae Refinance Activity by State - August 31, 2016

State Other Refinances MAP LV Values MAP LV Values				August	, ,			, 2010		Year-to-Da	te 2016			Inception to Date ¹						
AL 1.041 1.10 68 - 68 7.38 2.00 565 22.28 AL 590 65 7.77 3.50 7.78 3.50 7.78 3.50 7.78 3.50 7.78 3.50 7.78 3.50 2.50 7.78 3.50 2.50 7.78 3.50 2.50		Refinances	Streamlined Refis	>80% -105%	>105% - 125%		HARP	Refinances	Streamlined Refis	>80% -105%	>105% -		Total HARP	Refinances	Streamlined Refis	HARP LTV >80% -105%	HARP LTV >105% - 125%			
A6 561 161 17 1 18 3824 487 112 3 118 87.119 12.22 7.461 165 7.002 33.02 C51 23.71 133 133 23.23 24.23 14.3 139 24.23 14.3 139 24.23 14.3 139 24.23 14.3 139 24.23 14.3 139 24.23 14.3 139.3 24.23 14.3 139 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td>8</td> <td>1,329</td>						-				0	-	-	8					8	1,329	
AZ 3.376 2.08 128 216 21 168 1.048 2.044 716 2.338 346.330 51.671 49.838 21.246 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20,228</td>						-						8							20,228	
CA 22,751 1.18 294 44 15 354 17,388 6,764 2,388 6,027 147 2,388 2,262,514 34,846 17,126 49,727 59,000 27,302 35,355 60,25 35,100 27,327 35,355 60,25 35,100 27,27 35,355 26,355 77,27 35,355 60,25 35,100 27,355 35,355 60,25 35,100 27,355 35,355 16,375 60,375 16,375 60,375 16,375 16,375 16,375 16,375 16,375 16,375 16,375 16,376 <th< td=""><td></td><td></td><td></td><td></td><td></td><td>10</td><td></td><td></td><td></td><td></td><td></td><td>76</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>						10						76								
CC 4,754 198 9 1 - 100 30,902 1,868 141 12 3 128 428,820 77,779 32,503 2,445 662 33,115 132 124,120 33,175 132 124,120 33,175 132,120 33,175 132,120 134,14 133,175 132,120 134,14 143,123 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 134,160 137,177 135,160 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 135,161 136,161 137,171 135,161 136,161 137,171 136,161 137,171 136,161 137,171 136,161 137,171 136,161 137,171 136,161 137,171 136,161 137,171 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2 652 514</td><td>344 676</td><td>171 295</td><td>49 797</td><td></td><td></td></th<>														2 652 514	344 676	171 295	49 797			
CT 817 74 49 12 6 66 6.146 663 431 94 30 555 174.722 30.377 19.88 3.875 1.376 21.376 23.875 DC 255 23 40 43.86 255 43 43.86 255 258 258 258 258 258 258 258 258 258 156 1.577 375.86 56.86 1.577 155.86 165.86 16.77 155.8 116 6.783 113.74 145.87 175.9 175.9 155.9 116 6.777 155.86 108.943 3.841 59.378 174.74 30.80 585 114.77 125.81 6.583 143 145.97 115.99 114.97 115.99 114.99					1	-														
DC 256 23 1 - - 1 1.888 231 21 3 - 24 41.382 6.038 1.957 2.92 33 2.323 3.98 Cb 5.283 0.96 0.94 0.94 0.94 0.92 0.95 0.96 0.97 0				49	12	5		6,145	663			30				19,081	3,675		24,130	
FL 5.588 584 305 66 39 409 36.22 4.386 2.530 688 4.13 3.641 592.26 117.274 93.099 41.344 61.177 195.600 H 0.537 433 16 1 4.951 101.500 225 115 16.77 79.651 66.16 77.451 80.611 77.451 80.611 77.451 80.611 77.451 80.611 77.457 80.611 77.457 80.611 77.457 80.611 77.457 80.611 77.457 80.611 77.457 16.24 44 45 10.844 87.647 21.033 16.228 11.00 37.758 16.844 87.647 21.033 16.289 12.033 11.44 413 22.047 12.033 16.44 413 22.047 12.033 14.44 413 22.047 12.03 12.04 14.44 413 22.044 12.046 12.046 12.046 12.046 12.046 12.046 12.046 <td< td=""><td>DC</td><td>256</td><td>23</td><td>1</td><td>-</td><td>-</td><td></td><td>1,969</td><td>231</td><td></td><td></td><td></td><td></td><td>41,392</td><td>6,039</td><td>1,957</td><td>212</td><td></td><td>2,262</td></td<>	DC	256	23	1	-	-		1,969	231					41,392	6,039	1,957	212		2,262	
GA 2.783 2.833 1.46 2.2 7 775 2.0.202 2.4.22 1.337 22.8 1.157 1.6.77 3.7.058 1.6.75 1.6.74 3.7.058 1.7.54 1.4.9 3.805 3.815 3.805 3.815 3.805 3.815 3			26	16		1			274					51,376	8,896		1,414			
Hi 6.53 4.3 100 1 3.3.57 3.77 6.3 7 2 7.72 66.16 9.775 4.758 7.766 3.00 5.63 D 7.88 577 68 57 68 57 68 57 67 68 57 67 68 57 67 68 57 67 68 2.00 7.167 68 67 67 68 57 68 57 68 2.00 7.50 <	FL							36,932	4,386	2,530	698			593,236	117,974	93,089	41,354		195,620	
IA 100 768 67 9 7.164 4465 93 4 - 97 156,71 22,264 1600 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,204 11,000 5.03 22,203 11,000 5.03 22,203 11,000 5.03 22,203 11,000 5.03 22,203 11,000 5.03 22,203 11,000 5.03 22,203 11,000 5.03 22,203 11,000 5.03 22,203 11,000 5.03 22,100 11,000 5.03 11,000 5.03 22,000 7.058 22,000 7.058 22,000 7.058 22,000 7.058 11,000 5.03 12,000 22,000 12,000 22,000 11,000 22,000 7.058 10,000 22,000						1			2,422					375,081			18,754		101,540	
D 768 57 9 1 - 10 4.966 403 146 16 6 166 1468 12.244 11.000 3.703 2.206 17.508 N 1.574 156 466 4 455 0.018 1.366 346 233 14 410 233.108 44.770 2.268 2.307 343 2.560 KY 483 77 10 1 4.577 11 6.577 163 127 4 1.128 11.483 2.306 44.770 2.284 2.307 343 2.200 7.666 34.72 14 4.158 10.99 446.734 22.849 3.3124 4.565 1.348 3.3124 4.565 1.348 3.3124 4.565 1.348 3.3124 4.565 1.46 3.738 6.317 3.3124 3.3124 4.565 1.46 3.738 6.317 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.3124 3.312		1 080	43	10		-			377					158 711	9,979	4,758	745		5,883	
LL 4.544 270 178 620 18 216 20114 2.376 336 327 32 14 413 231.08 47.56 715.667 108.943 67.77 21.932 16.230 125.208 KS 648 667 10 1 411 4.614 4.83 98 2 16 10 22.519 16.802 7.158 5.30 121 7.840 KA 1.158 1.36 1.4 4.15 7.158 10.82 7.158 5.30 121 7.840 10.802 7.158 5.30 121 7.840 10.83 12.848 15.871 2.248 10.843 10.843 5.857 12.167 12.982 14.841 12.84 34.868 5.871 12.84 12.848 5.857 12.84 10.783 6.372 136 12.971 15.86 12.84 12.848 5.857 12.84 12.848 5.857 12.84 12.84 12.845 12.857 12.84 12.84 12.845 12.857 12.856 12.857 12.857 12.857 12						-		4 956	493					81 393	12 264		3 703	2 205	17 508	
IN 1.573 152 4.45 4.45 4.43 98 2 14 4.13 23.168 44.710 22.859 2.307 394 25.800 KY 848 77 11 - -11 5.637 613 127 4 1 122 115.843 20.960 7.566 388 64 7.810 KY 843 77 11 - -11 5.637 613 127 4 1 122 115.843 20.960 7.566 388 64 7.680 MA 0.549 103 103 103 103 103 436.43 53.571 52.219 103 128 53.671 52.491 1.073 53.771 52.491 1.073 53.771 53.793 53.771 53.771 53.723 53.771 53.723 53.771 53.723 53.771 53.723 53.756 53.771 53.723 55.756 8 8 616 53.046 64.747 4.733 8.33 3.721 57.566 51.574 2.7124 4.854 3.422						18		30,114	2.376	1.566	346			715.667	108,943				125.208	
KS 646 69 10 1 - 11 4.614 483 77 11 5.30 121 7.59 5.30 121 7.59 LA 1.158 136 14 - - 14 7.453 727 44 1 122 11544 2.900 7.656 388 64 7.590 MA 3.057 175 45 7 - 62 2.027 1.423 4.38 161 4.468 3.648 3.658 5.677 1.348 8.785 MD 2.167 148 3.687 1.469 2.234 1.46 2.218 1.168 3.646 1.268 3.628 3.628 3.628 3.638 3.628 3.638 3									1,361					233,108	44,710	22,859	2,307		25,560	
LA 1148 136 144 - - 144 7.463 9.22 140 6 2 148 145.794 28.489 8.045 57.7 138 8.755 MD 2.149 193 103 15 9 127 15.863 1.527 999 196 103 1.286 34.863 55.871 42.615 10.793 6.317 55.320 6.72 66 6.808 MB 2.603 2.571 1.430 1.286 1.141 47.656 7.771 2.485 1.16.971 7.287 4.488 1.4571 7.287 4.488 1.4571 7.287 4.488 1.4571 7.287 4.488 1.4571 7.287 4.488 1.4571 7.287 4.488 1.4571 7.287 4.488 1.4573 7.287 4.488 1.4573 7.287 4.488 1.4573 7.287 4.488 7.4712 4.488 7.4712 4.488 7.4712 4.488 7.4712 4.488 7.4712 4.42876 5.338 8.9 4.9204 4.898 4.2976 5.338		648			1	-		4,614	483			-	100	92,519	18,082	7,159	530	121	7,810	
MA 3.057 175 455 7 52 20.275 1.429 439 45 10 494 448.81 53.607 33.124 4.665 1.346 93.135 ME 280 24 111 2 - 13 2.057 257 101 9 1 111 47.566 9.105 55.20 672 8.66 6.088 MM 2.467 166 55 7 1 63 17.422 1.346 2.291 16 51.677 2.721 4.365 1.165 3.721 57.897 MG 2.114 13 5.3 3 61 14.200 1.298 4.05 1.65 1.677 2.718 1.465 3.4271 57.897 MG 2.901 1.4 1 2.208 1.248 4.102 5 160 65.477 3.272 3.46 2.046 3.312 3.48 1.078 3.48 5.33 8.9 9.994 9.994 9.995 3.98 5.617 3.427 3.46 5.33 6.33						-											388		7,508	
MD 2,149 193 103 15 9 127 15.863 15.27 999 196 103 1,289 348,863 55.871 42.619 10.733 6.371 95729 ME 2.007 156 55 7 1 32.675 2.271 101 9 1 11 47.666 9.053 2.499 10.066 MN 2.007 156 55 7 1 63 17.22 1.308 652 58 8 648 30.16 7.33 2.490 1.41 3 5 542 2.91.351 51.674 2.7912 4.385 1.457 33.422 MS 8.04 13 14 1 2.408 63 12 10.043 3.572 3.48 64 1.423 3.422 3.0 3.0 2.0 3.0 2.0 3.0 2.0 3.0 2.0 3.0 2.0 3.0 2.0 3.0 3.0 3.0 3.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>8,755</td>						-													8,755	
ME 280 24 11 2 - 13 2.057 257 101 9 1 111 47.566 9.05 5.320 672 9.66 6.088 MN 2.607 156 55 7 1 63 17.322 1.308 552 58 8 618 310.246 45.497 44.733 9.383 3.721 57.837 MS 504 59 21 - 1 22 3.920 468 170 14 5 189 76.978 15.495 7.001 915 2.926 8.211 NC 2.631 316 73 3 - 76 18.871 2.408 63 12 708 389.506 85.447 42.976 5.339 898 49.204 NE 831 29 6 1 1.676 44 2 - 60 96.958 85.447 42.976 5.339 898 49.204 1.4	MA			45		-			1,429	439	45			448,891	53,406	33,124	4,665		39,135	
Mi 3.643 267 116 26 12 158 2.394 1.346 2.29 151 1.726 46.761 7.295 87.633 24.909 18.00 130.06 MO 2.114 135 53 5 3 61 14.203 1.299 466 77 14 5 54 52 542 291.351 51.674 27.912 4.365 1.436 3.3721 57.897 MC 2.511 316 73 3 - 1 2.802 2.66 710 14 5 30 62.716 10.043 3.572 3.46 1.40 4.02 - 30 6.671 4.04 4.02 - 2.8 2.8472 2.338 3.88 4.9204 4.02 - 2.8 2.8472 2.338 3.88 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9204 4.9						9			1,527					348,863	55,871	42,619	10,793			
MN 2.607 156 55 7 1 63 17.322 1.306 552 58 8 618 310.246 45.497 44.793 9.383 3.721 57.833.422 MS 504 59 21 - 1 22 3.200 468 170 14 5 189 76.578 15.495 7.001 915 225 8.211 MT 3300 14 1 - - 1 2.808 2.18 2.8 2 - 30 62.716 10.043 3.572 3.46 10.4 4.022 ND 2.461 6 1 - - 1 1.676 4.4 2 - 2 2.6472 2.936 318 8 1 8.98 49.204 18 8 1 2.936 318 8 18 19 7 211 7.5477 11.914 10.749 1.348 5.42.0 9.678 1.467 17.92 4.32.14 1.312 1.312 3.312 3.312 3.312 3.312						-														
MO 2,114 135 55 5 3 61 14,203 1,299 460 57 25 542 291,351 51,645 7,001 2915 295 8,211 MT 390 14 1 - 1 2,392 468 170 14 5 189 76,978 15,495 7,001 3,527 346 104 4,022 MC 390 50 14 1 - 1 1,676 444 2 - - 2,26,77 2,936 318 8 1 327 NE 831 29 6 - 6 5,325 330 60 - - 60 95,958 16,405 4,983 218 18 52,113 13,125 N4 406 542 3,937 4,104 4,364 513,125 N3 - 22 338 16,405 60,401 13,373 14,428 14,67 14,513 13,125 N4 14,654 103 14,425 14,67 14,65 14,65 14,65 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>12</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>						12														
MS 504 59 21 - 1 22 3.20 4.66 101 4 5 189 76.978 15.495 7.011 915 295 6.211 NC 2.631 336 73 3 - 76 18.871 2.408 633 63 12 708 389,506 68.447 42.976 5.339 888 49.204 NC 246 6 1 - 1 1.676 44 2 - 2.6472 2.936 318 8 1 327 NE 831 29 6 - 6 5.525 30 60 - 60 96,556 816405 4.983 2.18 1.848 5.28 3125 NU 2.813 2.43 118 14 7 139 19.79 1.903 995 201 81 1.277 406.56 80.188 50.420 9.873 4.108 64.041 NM 2.828 2.131 5 45 1.42 7.9 2.288 82.014					5	3										27.912	4,365			
NC 2.631 316 73 3 76 18,871 2.408 633 63 12 708 3895,506 85,447 42,976 5,339 889 49,204 NE 831 29 6 - - 6 5,325 330 60 - - 60 99,958 11,0749 1,448 5219 NH 462 38 8 1 - 9 3,549 386 18 19 7 211 75,847 11,914 10,749 1,448 5219 NM 566 56 125 13 9 74 9,248 673 465 103 713 110,965 14,425 18,061 44,041 176 116,500 40,445 NV 1,226 105 52 13 9 74 9,248 673 465 103 713 110,965 14,429 16,040 1,777 16,500 40,415 45,52 47,47 16,500 47,457 46,0401 45,533 72,020 10,641					-	1														
ND 246 6 1 1 1.676 440 2 6 2.867 2.868 3.493 2.18 18 5.219 NH 462 38 8 1 - 9 3.549 3.69 1.86 19 7 211 7.5947 11.914 10.749 1.848 528 13.125 NJ 2.813 243 118 14 7 139 19.799 1.903 995 201 81 1.277 440.556 80.188 50.420 9.873 4.108 64.401 NV 1.326 105 52 13 9 74 9.248 673 465 145 103 718 11.963 14.428 16.404 7.777 16.50 44.535 044.538 36.718 714 4.543 14.54 5.506 04 5 1 75 11.4456 3.64,01 3.533 72.002 32.66 19 5 1 75 11.4456 3.826 4.149 3.539 7.40 3.30.00 42.494<	MT				-	-													4,022	
NE 831 29 6 - - 60 96,958 11,945 94,833 218 18 5,719 NJ 2,813 243 118 14 7 139 19,799 1,903 995 201 81 1,277 460,556 80,188 50,420 9,873 4,108 64,401 NM 566 25 3 - 28 3,746 504 217 19 2 238 82,014 16,198 9,678 1,467 176 11,227 NV 5,366 105 52 13 9 74 9,248 673 465 145 103 713 110,953 14,428 9,33 4,435 44,435 11,353 71,41 5,410,06 114,656 38,091 4,949 44,535 72,002 10K 7,777 159 1,527 2,401 1,236 102 10K 1,353 75,209 10,540 3,53,372,002 10K 7,777 <td></td> <td></td> <td></td> <td>73</td> <td>3</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>63</td> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>889</td> <td></td>				73	3	-					63	12						889		
NH 462 38 8 1 - 9 3.549 368 185 19 7 211 75.947 11.914 10.749 1.848 528 13.125 NJ 2.813 243 118 14 7 139 19.79 1.903 995 201 811 1.277 460.556 80.188 50.42 9.873 4.106 64.401 NV 1.326 105 52 13 9 74 9.248 673 465 102 34 741 541.006 114.656 38.091 4.949 1.455 44.535 OH 2.399 291 132 20 7 150 16.752 2.340 1.236 202 100 1.538 376.718 71.504 67.929 10.540 3.533 72.002 OK 763 67 9 - 26 1 7.547 4.837 185 45 5.66 OK 76				1	-	-			44		-	-						1		
NJ 2.813 2.43 118 14 7 19,799 19,079 19,079 19,079 2238 82.014 61.186 50,420 9,678 1,467 176 11.321 NV 1.326 105 52 13 9 74 9,248 673 465 145 103 713 110,953 14,425 16,48 7,777 16,590 40,415 NV 2,399 2,91 132 20 7 159 16,752 2,340 1,236 202 100 1,538 376,718 71,599 10,404 3,437 4,045 4,045 4,045 4,045 4,045 4,045 4,045 4,049 4,949 4,949 4,949 4,949 4,949 4,949 4,949 4,949 4,949 4,949 4,949 4,949 4,949 4,251 5,67 71,59 1,537 5,50 69 5 1 75 104,125 17,87,73 3,398 7,140 3,000 4,259 9 4,251 2,787 4,503 4,504 4,509 4,255						-						-							5,219	
NM 566 56 25 3 - 28 3.7.46 504 217 19 2 238 82.014 16.196 9.678 1.467 176 11.321 NV 1.326 105 52 13 9 74 9.248 673 465 145 103 713 110.953 14.428 16.048 7.7.7 16.590 40.415 OH 2.399 291 132 20 7 159 16.752 2.340 1.236 202 100 1.538 376.718 77.1504 57.929 10.540 3.533 72.002 OK 763 67 9 - - 9 5.530 560 27 - 287 246.502 47.023 32.369 7.140 3.000 42.509 PA 2.512 27 97 12 5 114 9.248 2.451 1023 47.023 32.69 7.140 3.000 42.509			2/3			-	•	10 700	1 003	100	201	/ 81		10,947	80 188				64 401	
NV 1.326 105 52 13 9 74 9.248 673 465 145 103 713 110.953 14.428 16.048 7.777 16.590 40.415 NY 2.749 338 73 8 2 83 21.111 2.766 605 102 34 741 541,006 114.656 38.091 4.949 1.495 44.535 OH 2.399 2.911 1.32 2.00 7 159 16.752 2.340 1.236 2.02 10.01 4.838 7.164 37.002 OK 763 67 9 - - 26 17.77 4.837 1.85 45 5.00 OR 2.065 119 2.5 1 - 26 15.31 7.11 1.31 2.385 1.023 470.474 87.050 38.659 4.973 1.362 44.994 RI 2.966 2.55 12 2 5						-													11.321	
NY 2,749 338 73 8 2 83 21.111 2,766 605 102 34 741 541,006 114,656 38,091 4,949 1,495 44,533 OH 2,399 291 132 20 7 159 16,752 2,340 1,236 202 100 1,538 376,718 71,504 57,929 10,540 3,353 72,002 OK 763 67 9 - 9 5,530 550 69 5 1 75 104,125 17,877 4,837 185 45 5,067 OR 2,065 119 25 11 - 26 117 1,135 260 27 - 287 246,502 47,023 32,669 4,474 33,000 42,4994 42,4594 41,949 41,949 41,949 41,949 41,949 41,949 41,949 41,949 41,949 41,949 41,949 41,949 41,949		1.326	105	52	13	9			673			103		110.953	14,428				40.415	
OK 763 67 9 - - 9 5,530 550 699 5 1 75 104,125 17,877 4,837 185 450 5,067 OR 2,065 119 25 1 - 26 15,317 1,135 260 27 - 287 246,502 47,023 32,669 7,140 3,000 42,509 PA 2,512 275 97 12 2 114 19,534 2,382 845 120 58 1,023 470,474 87,050 38,659 4,913 1,300 42,994 RI 296 25 12 2 2 16 2,016 177 131 35 15 181 47,893 5,970 6,127 1,806 1,103 9,036 SD 295 13 - - - 1,128 113 6 - 3 9 45,126 6,161 29.27 9 965 TN 1,625 138 2.99 2 2 33			338			2	83	21,111	2,786				741						44,535	
OR 2.065 119 25 1 - 26 15,317 1,135 260 27 - 287 246,502 47,023 32,369 7,140 3,000 42,509 PA 2,512 275 97 12 5 114 19,534 2,382 845 120 58 1,023 47,0474 87,050 38,659 4,973 1,03 49,936 SC 1,404 153 55 4 - 59 9,193 1,113 429 52 25 506 174,778 32,066 20,435 3.897 1,738 26,070 SD 295 13 - - 2,128 113 6 - 3 9 45,126 6,161 92.9 27 9 965 SD 295 13 - - 2 55,286 53,055 293 11 4 308 822,653 163,253 47,577 3,236 367 51,180 WA 2,141 76 15 - 15 13,093		2,399	291			7		16,752	2,340	1,236	202	100	1,538	376,718	71,504	57,929	10,540	3,533	72,002	
PA 2,512 275 97 12 5 114 19,534 2,382 845 120 58 1,023 470,474 87,050 38,659 4,973 1,362 44,994 R 296 25 12 2 2 16 2,016 177 131 35 15 181 47,893 5,970 6,127 1,806 1,103 9,036 SC 1,404 153 55 4 - 59 9,113 429 52 25 506 174,778 32,066 20,435 3,897 1,738 26,070 SD 295 13 - - - 2,128 113 6 - 3 9 45,126 6,161 929 27 9 965 TX 7,952 635 24 1 - 25 55,286 5,305 293 11 4 308 822,653 163,253 47,577 3,262 19	OK	763				-		5,530	550	69	5			104,125	17,877	4,837	185		5,067	
RI 296 25 12 2 2 16 2,016 177 131 35 15 181 47,893 5,970 6,127 1,806 1,103 9,036 SC 1,404 153 55 4 - 59 9,193 1,113 429 52 25 506 174,778 32,066 20,435 3,897 1,738 26,070 SD 295 13 - - 2,128 1113 6 - 3 9 45,126 6,161 929 27 9 965 TN 1,625 138 29 2 233 11,024 1,291 251 21 7 799 21,207 41,171 20,214 2,724 641 23,579 TX 7,952 635 24 1 - 25 55,286 5,305 293 11 4 308 822,563 163,253 47,577 3,236 367 51,180 UT 2,141 76 15 - 15 13,093 649						-													42,509	
SC 1,404 153 55 4 - 59 9,193 1,113 429 52 25 506 174,778 32,066 20,435 3,897 1,738 26,070 SD 295 13 - - - 2,128 113 6 - 3 9 45,126 6,161 929 27 9 965 TN 1,625 138 29 2 2 33 11,024 1,291 251 21 7 279 221,207 41,771 20,412 2,724 641 23,579 TX 7,952 635 24 1 - 25 55,266 5,305 293 11 4 308 822,563 163,253 47,577 3,236 367 51,180 0 1 152 178,755 25,382 19,659 3,562 911 24,132 0 34 1,073 471,392 80,879 49,310 9,401 2,864 61,575 VT 1115 18 6 - - 6																				
SD 295 13 - - - 2,128 113 6 - 3 9 45,126 6,161 929 27 9 965 TN 1,625 138 29 2 2 3 11,024 1,291 251 21 7 279 221,207 41,771 20,214 2,724 6,41 32,579 TX 7,952 635 24 1 - 25 55,266 53,05 293 11 4 308 822,563 163,233 47,771 3,236 667 51,180 UT 2,141 76 15 - - 15 13,093 649 145 6 1 152 178,755 25,382 19,659 3,562 911 24,132 VA 3,138 259 98 11 2 170 2120 38 6 1073 471,392 80,879 49,310 9,401 2,864 61,575 VT 115 18 6 972 120 38 66						2														
TN 1,625 138 29 2 2 33 11,024 1,291 251 21 7 779 221,207 41,771 20,214 2,724 641 23,579 TX 7,952 635 24 1 - 25 55,286 5,305 293 11 4 308 822,563 163,253 47,577 3,236 367 51,180 UT 2,141 76 15 - - 15 13,093 649 415 6 1 152 178,755 25,382 19,659 3,562 911 24,132 VA 3,138 259 98 11 2 111 21,802 2,140 917 120 36 1,73 3,739 49,319 9,401 2,864 61,575 VT 115 18 6 - - 6 972 120 38 - - 38 30,502 4,189 1,417 <t< td=""><td><u> </u></td><td></td><td></td><td></td><td>4</td><td>-</td><td>- 59</td><td></td><td></td><td></td><td>52</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>20,070</td></t<>	<u> </u>				4	-	- 59				52								20,070	
TX 7,952 635 24 1 - 25 55,286 5,305 293 11 4 308 822,563 163,253 47,577 3,236 367 51,180 UT 2,141 76 15 - - 15 13,093 649 145 6 1 152 178,755 25,382 19,659 3,562 911 24,132 VA 3,138 259 98 11 2 111 21,802 2,140 917 120 36 1,073 471,922 80,879 49,310 9,401 2,864 61,575 VT 115 18 6 - - 6 972 120 38 - - 38 30,502 4,189 1,417 107 11 1,535 WA 4,117 227 63 3 - 66 27,405 1,834 558 66 8 632 494,072 89,247 60,201 13,582 6,018 79,801 WI 2,976 124 56		1 625			2	2	33				21			221 207	41 771			0	23.579	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		7,952				-		55,286	5,305	293	11			822.563	163.253	47,577	3,236		51,180	
VA 3,138 259 98 11 2 111 21,802 2,140 917 120 36 1,073 471,392 80,879 49,310 9,401 2,864 61,575 VT 115 18 6 - - 6 972 120 38 - - 38 30,502 4,189 1,417 0.11 1,555 WA 4,117 227 63 3 - 66 27,405 1,834 558 66 8 632 494,072 89,247 60,201 13,582 6,018 79,801 WI 2,976 124 56 7 4 67 17,935 1,043 465 55 355 448,865 60,963 29,145 3,992 1,319 34,456 WV 194 24 4 1 - 5 1,633 142 50 9 3 62 35,756 5,892 2,718 3,992 1,319 34,456 WV 194 24 5 1,633 142						-		13,093	649	145	6			178,755	25,382	19,659	3,562		24,132	
WA 4,117 227 63 3 - 66 27,405 1,834 558 66 8 632 494,072 89,247 60,201 13,582 6,018 79,801 W1 2,976 124 56 7 4 67 17,935 1,043 465 55 35 548,865 60,963 29,145 3,992 1,319 34,456 WV 194 24 4 1 - 5 1,633 142 50 9 3 62 35,756 5,892 2,718 597 284 3,599 WY 264 25 - - 1,853 142 16 - - 16 33,872 5,477 1,785 162 56 2,003 Other ² 245 7 9 4 2 15 2,050 61 123 52 32 207 46,499 933 2,609 688 178 3,475		3,138	259	98		2		21,802	2,140	917	120	36	1,073	471,392	80,879	49,310	9,401		61.575	
WI 2,976 124 56 7 4 67 17,935 1,043 465 555 348,865 60,963 29,145 3,992 1,319 34,456 WV 194 24 4 1 - 5 1,633 142 50 9 3 62 35,756 5,892 2,718 507 284 3,599 WY 264 25 - - - 1,853 142 16 - - 16 33,872 5,477 1,785 162 56 Other ² 245 7 9 4 2 15 2,050 61 123 52 32 207 46,499 933 2,609 688 178 3,475	VT		18	6	-	-			120	38	-	-		30,502	4,189	1,417	107		1,535	
WV 194 24 4 1 - 5 1,633 142 50 9 3 62 35,756 5,892 2,718 597 284 3,599 WY 264 25 - - - 1,853 142 16 - - 16 33,872 5,477 1,785 162 56 2,003 Other ² 245 7 9 4 2 15 2,050 61 123 52 32 207 46,499 933 2,609 688 178 3,475					3	-													79,801	
WY 264 25 - - - 1,853 142 16 - - 16 33,872 5,477 1,785 162 56 2,003 Other ² 245 7 9 4 2 15 2,050 61 123 52 32 207 46,499 933 2,609 688 178 3,475	WI				7	4													34,456	
Other ² 245 7 9 4 2 15 2,050 61 123 52 32 207 46,499 933 2,609 688 178 3,475					1	-	5					3							3,599	
					-	- 2	- 15													
	Total	118,354			374	169														

¹ Inception to Date - Since April 1, 2009, the inception of HARP. ² Consists of Guam, Puerto Rico, Virgin Islands and other loans for which data are not available.



Appendix: State Level Data Freddie Mac Refinance Activity by State - August 31, 2016

			August			0	., 2010		Year-to-Da	te 2016			Inception to Date ¹							
State	Total Refinances	Other Streamlined Refis	HARP LTV >80% -105%	HARP LTV >105% - 125%	HARP LTV >125%	Total HARP	Total Refinances	Other Streamlined Refis	HARP LTV >80% -105%	HARP LTV >105% - 125%	HARP LTV >125%	Total HARP	Refinances	Other Streamlined Refis	HARP LTV >80% -105%	HARP LTV >105% - 125%	HARP LTV >125%	Total HARP		
AK	169	9	2	-	-	2		111			1	11		4,247			2			
AL AR	612 365	61 28	29 7	3	1	33		522 289	218 75			<u>260</u> 84			8,808 4,389	1,462 735	<u>314</u> 115			
AZ	2,642	149	71	19	4	94		1,038	668	176				33,130	31,929	17,106	16,425			
CA	20,186	597	136	32	12	180		4,426								38,625	36,088			
CO	3,628	145	10		-	10		1,076		5	-	76		42,237		1,945	429			
СТ	659	54	27	8	4	39		371			28	296			10,967	2,438	776			
DC	234	13	-	1	-	1		113			-	5	21,719		1,093	135	79			
DE FL	270 3,961	28 398	8 167	3 51	- 27	11 245		197 2,932	109 1,345			126 2,032			4,527 56,686	875 30,401	133 38,502			
GA	2,289	390 194	114	21	12	147		2,932	907			1,186			42,068		11,820			
HI	394	26	4	-	-	4		1,507	27			33			2,653	551	206			
IA	657	42		1	-	4		321			1	50					19			
ID	484	48	14	-	-	14	2,931	282			•	90	51,769	8,580	8,003	3,009	1,330	12,342		
IL	4,250	199	138	27	23	188		1,651	1,070	303		1,513			63,131	21,256	14,905	99,292		
IN	1,546	105	24	1	-	25		961							20,046		292			
KS KY	555 908	36 47	7	-	1	8		316 415				<u>62</u> 92		12,140 17,509	4,849 7,354		<u>55</u> 52			
LA	684	54	4	1		12		413				129			5,110		100			
MA	2,316	85	21	4	-	25		736				269					894			
MD	1,771	144	82	10	12	104		1,169				734					3,690			
ME	284	18	4	-	-	4		147				64			3,418		53			
MI	2,860	186	72	20	21	113		1,781				1,169			59,843	22,051	14,479			
MN	1,733	159	31	3	-	34		1,258	363					50,576		10,170	2,940			
MO MS	1,463 212	101 28	32		3	43		940 193				434					<u>1,026</u> 104			
MT	212	20 18	1	-		9		149				8	-, -				33			
NC	2,529	216	46	6	2	54	_,	1,584	466			550					718			
ND	160	6	-	-	-	-	1,095	34		-	-	-	17,437	2,504			2			
NE	343	24	3	-	-	3		211			-	20			2,802		8			
NH	426	21	12	2	-	14		192							7,347	1,493	330			
NJ	2,052	145	63	2	5	70		1,042				662				7,144	2,527			
NM NV	332 1,039	42 50	15 36	-	-	<u>15</u> 48		319 433				144 421					<u>89</u> 11,061	7,316 25,557		
NY	2,202	229	40	5	3	40		1,619				421					874			
OH	2,645	192	81	12	17	110		1,616				969				9,636	2,952			
OK	478	30	4	1	-	5		259				63					23			
OR	1,628	81	9	1	-	10		730				151			23,367	5,507	1,845			
PA	1,782	177	39	8	3	50		1,582				560		56,014			795			
RI SC	251	14 80	8 30	2	1	<u>11</u> 41		117 663	84 262			<u>111</u> 333					661			
SD	938 156	80 5		1	4	41		59				333			13,713 653		1,130			
TN	1,237	95		2	-	22						186					249			
TX	4,741	356	23	1	-	24		2,760				153			24,852		190			
UT	1,586	55	8		-	8		461	88	2	3	93					628			
VA	2,364	177	56	4	3	63		1,253	515			605		47,392	30,791	6,552	1,453	38,796		
VT	167	6	1	2	-	3		71				42					11			
WA	3,160	146	22	3	2	27		1,162				305			39,532		3,467			
WI WV	1,682 237	52 13	23	2	3	28 5		555 111	275			<u>343</u> 54				3,824 656	<u>975</u> 227			
WY	129	13	4	1	-			58			U	54 14					227			
Other ²	49	7		1	1	- 8		73				91				308	62			
Total	87,737	5,201	1,579	286	171	2,036						18,436				260,095	175,163			

¹ Inception to Date - Since April 1, 2009, the inception of HARP.

² Consists of Guam, Puerto Rico, Virgin Islands and other loans for which data are not available.

