

FGLMC Prepayment Speeds

December 2019

FGLMC 15yr

	Indicative Data							Prepayment Speeds						Buyout Prepayment Component				Delinquencies			
	Cur Bal (MM)	Factor	# of Pools	WAC	WAM	WALA	WAOLS	Dec	Nov	Chg	% Chg	3mo	6mo	12mo	1mo	3mo	6mo	12mo	30D	60D	90D
FGLMC 15yr 2	6,858	0.397	661	2.6	104	67	274,262	10.0	10.9	-0.9	-8%	10.33	10.23	9.39	0.10	0.06	0.05	0.07	0.17	0.02	0.00
2016	2,017	0.668	106	2.6	136	38	280,959	8.9	9.6	-0.7	-8%	9.51	9.29	8.17	0.03	0.07	0.07	0.08	0.15	0.02	0.00
2015	281	0.493	63	2.7	112	55	270,480	10.8	14.9	-4.1	-28%	11.83	10.44	9.87	0.00	0.00	0.00	0.00	0.12	0.00	0.03
2014	29	0.446	20	2.7	106	61	266,817	13.5	18.8	-5.3	-28%	11.54	11.08	11.78	6.83	2.33	1.80	1.36	0.67	0.00	0.00
2013	3,531	0.338	332	2.6	90	79	275,140	10.6	10.6	-0.1	0%	10.64	10.63	9.94	0.09	0.05	0.03	0.06	0.18	0.03	0.00
2012	980	0.311	124	2.6	86	84	258,793	9.6	12.9	-3.3	-26%	10.47	10.69	9.68	0.10	0.03	0.02	0.07	0.16	0.02	0.00
FGLMC 15yr 2.5	75,711	0.413	5858	3.0	113	60	258,348	11.0	12.2	-1.2	-10%	11.38	11.55	10.25	0.07	0.07	0.07	0.08	0.23	0.04	0.01
2019	47	0.888	15	3.5	171	7	328,477	23.9	22.8	1.1	5%	18.80	15.34	-	0.00	0.19	0.10	-	0.01	0.00	0.00
2018	170	0.814	33	3.3	153	21	286,840	6.9	10.5	-3.6	-34%	8.24	8.34	7.10	0.00	0.00	0.00	0.00	0.08	0.00	0.00
2017	4,980	0.731	321	3.1	146	28	277,905	10.1	12.1	-2.0	-17%	11.00	10.80	9.06	0.18	0.07	0.07	0.06	0.16	0.03	0.01
2016	24,665	0.631	984	3.0	135	39	272,217	10.6	11.7	-1.1	-10%	10.83	10.95	9.55	0.09	0.08	0.07	0.08	0.25	0.04	0.01
2015	10,944	0.484	699	3.1	119	53	264,536	11.1	12.2	-1.1	-9%	11.49	11.81	10.30	0.08	0.07	0.06	0.08	0.20	0.03	0.01
2014	2,939	0.378	379	3.2	107	62	255,955	12.3	14.8	-2.5	-17%	13.22	13.50	11.84	0.00	0.00	0.05	0.07	0.22	0.03	0.02
2013	16,155	0.340	1509	3.0	93	79	241,391	11.0	12.0	-0.9	-8%	11.33	11.53	10.53	0.05	0.06	0.06	0.08	0.25	0.05	0.02
2012	15,553	0.268	1858	3.0	85	87	243,884	11.5	12.7	-1.2	-10%	11.95	12.15	11.03	0.04	0.07	0.07	0.07	0.20	0.03	0.01
2011	258	0.191	58	3.2	75	96	221,916	16.1	15.8	0.3	2%	15.07	14.64	13.26	0.08	0.03	0.01	0.03	0.12	0.02	0.05
FGLMC 15yr 3	64,493	0.367	9348	3.5	119	54	230,541	13.7	15.3	-1.6	-10%	14.24	13.77	11.94	0.16	0.15	0.14	0.15	0.43	0.08	0.03
2019	717	0.852	76	3.8	169	8	283,110	23.3	27.0	-3.7	-14%	25.98	20.32	-	0.00	0.03	0.03	-	0.13	0.01	0.01
2018	3,260	0.762	295	3.7	155	19	274,157	17.8	21.8	-4.0	-18%	20.05	18.32	13.68	0.07	0.12	0.10	0.10	0.24	0.02	0.02
2017	17,090	0.701	1166	3.6	147	28	251,306	14.8	15.7	-0.9	-6%	14.99	13.95	11.39	0.23	0.16	0.14	0.14	0.45	0.08	0.03
2016	7,110	0.579	1218	3.6	134	40	215,688	12.8	15.4	-2.6	-17%	13.99	13.47	11.69	0.19	0.22	0.22	0.21	0.60	0.10	0.04
2015	10,461	0.473	1284	3.5	121	52	222,237	12.6	13.9	-1.3	-9%	12.97	12.94	11.48	0.12	0.13	0.15	0.17	0.47	0.09	0.03
2014	7,474	0.358	1106	3.6	108	64	221,164	12.8	13.7	-0.9	-6%	13.23	13.51	12.12	0.18	0.18	0.17	0.17	0.47	0.10	0.04
2013	5,897	0.313	1407	3.5	97	75	206,254	11.8	13.7	-1.9	-14%	12.49	12.65	11.70	0.21	0.22	0.21	0.18	0.55	0.08	0.03
2012	5,853	0.218	1709	3.5	81	91	210,842	12.9	14.4	-1.6	-11%	13.08	12.99	12.09	0.10	0.12	0.10	0.10	0.31	0.05	0.01
2011	6,163	0.151	942	3.5	74	97	228,503	13.5	14.9	-1.5	-10%	13.88	13.88	12.90	0.04	0.05	0.05	0.08	0.19	0.04	0.01
2010	468	0.110	145	3.5	65	108	228,105	15.2	14.5	0.7	5%	14.08	13.90	12.94	0.00	0.01	0.08	0.07	0.03	0.04	0.00
FGLMC 15yr 3.5	21,456	0.245	7264	4.1	121	52	212,046	20.8	21.5	-0.7	-3%	21.00	19.12	15.48	0.16	0.21	0.18	0.17	0.51	0.09	0.04
2019	1,284	0.838	244	4.2	168	8	270,406	32.8	28.8	4.0	14%	30.02	22.69	-	0.06	0.11	0.07	-	0.20	0.01	0.00
2018	7,085	0.729	895	4.1	158	17	250,590	29.3	31.0	-1.8	-6%	30.06	26.63	19.47	0.13	0.17	0.13	0.10	0.40	0.07	0.03
2017	2,580	0.662	845	4.1	144	30	201,197	17.5	16.3	1.1	7%	16.63	15.43	13.11	0.20	0.36	0.30	0.28	0.84	0.18	0.05
2016	675	0.560	397	4.1	132	41	147,764	14.7	15.0	-0.3	-2%	14.24	13.56	12.40	0.10	0.16	0.19	0.28	0.69	0.23	0.02
2015	815	0.465	524	4.1	120	52	146,862	13.9	12.8	1.2	9%	12.99	13.89	12.93	0.45	0.71	0.66	0.49	0.89	0.16	0.12
2014	1,500	0.349	903	4.1	107	66	172,214	11.5	13.5	-2.0	-15%	12.62	13.23	12.18	0.35	0.34	0.34	0.33	1.00	0.18	0.06
2013	1,463	0.316	697	4.0	98	74	162,790	11.8	13.6	-1.8	-13%	12.50	12.79	12.02	0.20	0.21	0.22	0.27	0.64	0.15	0.03
2012	434	0.206	512	4.0	80	91	134,047	14.2	17.1	-3.0	-17%	14.38	13.77	12.95	0.29	0.41	0.25	0.27	0.49	0.16	0.02
2011	2,503	0.117	1234	4.0	71	102	197,382	13.7	14.5	-0.8	-6%	14.35	14.05	13.24	0.19	0.14	0.13	0.12	0.40	0.04	0.03
2010	3,104	0.084	988	3.9	64	109	205,475	14.7	15.7	-0.9	-6%	14.96	14.74	13.93	0.04	0.06	0.07	0.10	0.24	0.04	0.03
FGLMC 15yr 4	7,710	0.089	4366	4.5	103	71	191,933	19.2	23.3	-4.1	-18%	21.23	19.98	16.70	0.27	0.17	0.16	0.18	0.57	0.12	0.03
2019	326	0.847	156	4.8	165	9	225,656	17.0	20.6	-3.6	-18%	21.63	19.40	-	0.00	0.00	0.04	-	0.69	0.14	0.06
2018	2,820	0.739	650	4.7	160	15	212,020	26.9	32.5	-5.6	-17%	29.77	27.20	20.06	0.47	0.25	0.21	0.15	0.60	0.15	0.03
2017	103	0.610	90	4.5	144	29	211,337	12.7	39.7	-27.0	-68%	25.56	20.68	17.29	0.00	0.00	0.12	0.46	1.31	0.18	0.00
2014	49	0.352	96	4.7	100	67	66,390	18.7	12.2	6.6	54%	13.43	13.41	12.81	0.00	0.34	0.58	0.45	0.55	0.09	0.08
2013	64	0.304	89	4.7	95	73	88,348	9.0	17.2	-8.2	-48%	12.29	12.32	13.12	0.00	0.40	0.28	0.61	0.65	0.31	0.00
2012	35	0.181	66	4.5	78	93	105,263	20.3	25.9	-5.7	-22%	18.88	16.62	15.45	0.00	0.00	0.00	0.31	0.84	0.00	0.00
2011	1,242	0.106	998	4.4	70	103	171,234	13.7	15.2	-1.5	-10%	14.17	14.14	13.47	0.44	0.25	0.25	0.30	0.56	0.14	0.03
2010	1,656	0.059	1099	4.4	60	113	180,204	13.9	16.9	-3.0	-18%	15.14	14.87	14.33	0.04	0.08	0.09	0.15	0.55	0.09	0.03
2009	1,390	0.035	839	4.5	51	124	186,304	15.1	17.1	-2.0	-12%	15.93	15.95	15.59	0.06	0.05	0.09	0.13	0.45	0.08	0.02
FGLMC 15yr 4.5	1,466	0.031	2800	4.9	60	115	160,209	16.9	16.6	0.3	2%	16.78	17.00	16.23	0.14	0.19	0.21	0.30	0.82	0.21	0.09
2011	154	0.122	281	4.9	69	104	138,251	18.3	13.4	4.9	36%	16.18	15.75	14.64	0.00	0.20	0.10	0.33	0.67	0.29	0.07
2010	369	0.064	478	4.9	58	115	149,614	15.1	15.7	-0.6	-4%	15.60	15.65	15.00	0.14	0.16	0.28	0.32	0.76	0.16	0.14
2009	702	0.035	813	4.8	51	124	161,385	14.5	15.6	-1.1	-7%	15.15	15.71	15.17	0.19	0.24	0.25	0.29	0.75	0.18	0.07

*n.m. - Not Meaningful

Source: Bloomberg

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FHLMC Prepayment Speeds

December 2019

FGLMC 20yr

	Indicative Data							Prepayment Speeds						Buyout Prepayment Component				Delinquencies			
	Cur Bal (MM)	Factor	# of Pools	WAC	WAM	WALA	WAOLS	Dec	Nov	Chg	% Chg	3mo	6mo	12mo	1mo	3mo	6mo	12mo	30D	60D	90D
FGLMC 20yr 2.5	2,204	0.663	149	3.3	188	47	281,263	↓8.5	9.8	-1.4	-14%	9.14	9.37	7.63	0.00	0.00	0.02	0.03	0.10	0.02	0.01
2016	1,761	0.746	38	3.3	198	38	290,564	↓8.8	10.1	-1.3	-12%	9.43	9.49	7.51	0.00	0.00	0.02	0.03	0.07	0.02	0.00
2013	136	0.481	34	3.2	153	80	249,447	↓6.6	9.8	-3.2	-33%	7.26	9.04	7.90	0.00	0.00	0.00	0.00	0.25	0.00	0.00
2012	288	0.438	61	3.2	148	84	236,648	↓6.6	9.0	-2.3	-26%	8.01	8.81	8.39	0.00	0.00	0.00	0.03	0.21	0.02	0.07
FGLMC 20yr 3	24,421	0.528	1384	3.7	177	57	251,972	↓11.9	14.6	-2.7	-18%	13.19	12.22	9.76	0.11	0.12	0.11	0.11	0.33	0.05	0.02
2019	107	0.868	8	3.9	230	8	313,771	↓18.6	42.4	-23.8	-56%	31.75	20.67	-	0.00	0.00	0.00	-	0.00	0.00	0.00
2018	142	0.823	24	3.8	215	21	293,535	↓17.5	16.8	0.7	4%	19.74	17.10	10.36	0.00	0.00	0.00	0.00	0.52	0.00	0.00
2017	3,337	0.776	79	3.8	209	28	277,303	↓14.6	17.4	-2.8	-16%	16.07	14.09	10.55	0.00	0.12	0.09	0.09	0.32	0.06	0.01
2016	6,049	0.686	261	3.6	196	40	260,858	↓13.4	14.7	-1.3	-9%	13.72	12.50	9.88	0.23	0.21	0.18	0.14	0.32	0.06	0.02
2015	4,673	0.559	201	3.7	182	53	260,318	↓12.0	15.7	-3.7	-24%	13.96	12.84	9.99	0.14	0.15	0.14	0.12	0.31	0.03	0.02
2014	1,065	0.457	42	3.8	173	61	243,418	↓11.8	16.6	-4.8	-29%	15.13	14.47	11.39	0.00	0.10	0.08	0.11	0.30	0.08	0.02
2013	3,964	0.446	364	3.6	153	79	224,564	↓8.6	10.6	-2.1	-19%	9.57	10.01	8.74	0.06	0.05	0.08	0.12	0.44	0.05	0.03
2012	5,051	0.384	397	3.6	146	86	237,733	↓10.7	13.4	-2.7	-20%	11.59	10.95	9.22	0.06	0.05	0.06	0.07	0.27	0.02	0.01
FGLMC 20yr 3.5	15,188	0.390	1876	4.1	172	63	233,728	↓15.8	18.6	-2.9	-15%	16.91	15.12	11.78	0.20	0.18	0.16	0.18	0.50	0.07	0.04
2019	398	0.842	28	4.4	230	9	288,686	↓28.0	35.8	-7.8	-22%	32.31	24.48	-	0.40	0.20	0.10	-	0.03	0.02	0.00
2018	1,435	0.769	89	4.2	218	19	282,736	↓26.8	34.1	-7.4	-22%	30.71	26.16	17.72	0.15	0.05	0.05	0.06	0.23	0.04	0.01
2017	2,252	0.735	200	4.1	208	29	255,595	↓18.8	22.6	-3.8	-17%	19.73	16.44	12.28	0.25	0.26	0.20	0.23	0.51	0.10	0.04
2016	861	0.619	134	4.2	195	41	232,265	↓12.8	20.1	-7.3	-36%	15.65	14.71	11.80	0.05	0.16	0.33	0.36	0.89	0.19	0.03
2015	1,617	0.526	288	4.2	183	53	228,040	↓15.9	16.7	-0.8	-5%	15.79	14.52	11.41	0.38	0.44	0.35	0.33	0.82	0.10	0.09
2014	1,531	0.407	157	4.2	171	64	224,706	↔16.2	16.2	0.0	0%	16.40	14.56	11.96	0.36	0.28	0.21	0.19	0.59	0.09	0.05
2013	1,639	0.399	356	4.1	157	76	202,463	↑12.3	13.1	0.1	1%	11.97	12.33	10.56	0.20	0.17	0.21	0.19	0.70	0.11	0.06
2012	3,043	0.306	455	4.0	141	91	219,704	↓11.9	12.2	-1.3	-10%	12.43	11.88	9.93	0.01	0.04	0.08	0.12	0.43	0.04	0.05
2011	2,024	0.227	131	4.0	135	97	223,736	↓11.0	14.4	-3.4	-24%	12.12	11.58	9.96	0.17	0.13	0.06	0.08	0.29	0.03	0.01
2010	388	0.164	37	4.0	124	108	226,014	↑12.7	12.1	0.6	5%	13.00	11.50	9.97	0.29	0.10	0.05	0.12	0.35	0.03	0.00
FGLMC 20yr 4	8,868	0.250	1506	4.6	172	63	216,507	↓19.2	22.2	-3.1	-14%	20.87	18.88	14.39	0.26	0.25	0.23	0.24	0.72	0.16	0.05
2019	197	0.820	38	4.8	230	9	280,747	↑39.1	37.3	1.8	5%	39.44	28.44	-	1.40	0.47	0.24	-	0.00	0.18	0.00
2018	2,346	0.753	221	4.7	221	16	258,290	↓19.8	36.9	-7.1	-19%	33.88	29.72	20.32	0.05	0.08	0.13	0.08	0.48	0.07	0.04
2017	919	0.706	210	4.6	208	29	224,003	↓16.3	20.8	-4.5	-22%	18.94	16.75	13.76	0.30	0.10	0.18	0.29	1.33	0.22	0.12
2016	236	0.576	83	4.5	193	43	214,200	↓15.0	23.8	-8.8	-37%	16.73	16.10	13.04	0.00	0.08	0.04	0.27	1.36	0.10	0.11
2015	356	0.536	158	4.5	184	52	203,585	↑9.6	9.1	0.5	5%	10.20	10.86	10.50	1.33	0.45	0.47	0.48	1.26	0.28	0.16
2014	735	0.408	206	4.6	169	66	195,577	↑15.4	14.9	0.5	3%	13.97	12.96	11.68	0.43	0.58	0.48	0.50	1.29	0.46	0.07
2013	619	0.372	151	4.6	161	73	185,361	↓13.8	16.3	-2.5	-15%	14.68	14.01	11.83	0.32	0.61	0.64	0.57	0.89	0.23	0.05
2012	196	0.284	115	4.5	139	91	180,233	↑13.7	11.9	1.9	16%	11.67	12.12	11.20	1.41	0.91	0.46	0.46	0.42	0.25	0.04
2011	1,260	0.180	131	4.5	132	101	203,207	↑14.9	12.8	2.0	16%	14.13	13.45	11.15	0.14	0.32	0.19	0.22	0.62	0.11	0.04
2010	1,760	0.125	128	4.4	122	110	190,151	↓12.4	14.4	-2.0	-14%	13.55	13.55	11.46	0.12	0.18	0.15	0.15	0.42	0.09	0.02
2009	226	0.061	37	4.6	108	123	187,574	↑14.1	11.9	2.2	18%	13.38	13.19	11.58	0.00	0.00	0.12	0.21	0.47	0.21	0.03
FGLMC 20yr 4.5	2,074	0.070	559	5.0	123	110	192,155	↓13.0	16.7	-3.7	-22%	14.86	14.20	12.57	0.19	0.32	0.23	0.29	0.85	0.15	0.04
2019	18	0.801	32	5.3	229	10	278,690	↓20.5	41.8	-21.3	-51%	35.73	28.07	-	0.00	7.20	3.67	-	2.61	0.00	0.00
2018	144	0.756	111	5.2	222	15	254,565	↓23.5	34.4	-10.9	-32%	30.89	26.91	20.32	0.00	0.03	0.06	0.17	1.57	0.18	0.20
2014	27	0.365	16	5.1	165	69	175,438	↓7.3	25.7	-18.4	-72%	12.33	10.18	11.09	0.00	0.00	0.00	0.00	2.08	1.10	0.00
2013	48	0.329	18	5.0	161	72	174,802	↓10.4	15.5	-5.1	-33%	18.50	15.13	14.16	0.00	0.00	0.27	0.32	1.52	0.36	0.00
2011	593	0.157	70	4.9	129	103	188,645	↓10.4	14.8	-4.5	-30%	12.32	11.86	11.31	0.00	0.29	0.18	0.30	0.59	0.09	0.02
2010	664	0.093	67	4.9	118	113	194,804	↓14.5	15.0	-0.5	-3%	13.95	13.98	11.98	0.41	0.37	0.26	0.29	0.73	0.13	0.05
2009	384	0.054	73	4.9	107	124	185,358	↓10.3	14.4	-4.2	-29%	12.85	12.42	11.40	0.30	0.17	0.16	0.29	0.71	0.17	0.02
FGLMC 20yr 5	834	0.022	755	5.5	75	160	155,287	↓12.2	14.1	-1.9	-14%	13.32	13.74	13.18	0.30	0.30	0.30	0.42	1.58	0.38	0.08
2011	63	0.159	26	5.4	129	103	181,718	↓9.4	9.9	-0.5	-5%	9.83	11.99	10.43	1.62	0.54	0.27	0.14	1.10	0.04	0.00
2010	101	0.089	21	5.4	116	116	170,615	↑15.9	14.3	1.6	11%	15.86	15.82	14.59	0.76	0.44	0.37	0.42	1.13	0.41	0.00
2009	69	0.074	36	5.4	110	122	166,298	↓4.2	14.5	-10.3	-71%	12.27	14.77	13.55	0.00	0.53	0.92	0.85	1.53	0.58	0.00

*n.m. - Not Meaningful

Source: Bloomberg

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FGLMC Prepayment Speeds

December 2019

FGLMC 30yr

	Indicative Data							Prepayment Speeds						Buyout Prepayment Component				Delinquencies			
	Cur Bal (MM)	Factor	# of Pools	WAC	WAM	WALA	WAOLS	Dec	Nov	Chg	% Chg	3mo	6mo	12mo	1mo	3mo	6mo	12mo	30D	60D	90D
FGLMC 30yr 2.5	3,350	0.671	261	3.2	290	60	315,001	7.6	9.6	-1.9	-20%	8.72	8.81	7.27	0.07	0.08	0.06	0.07	0.29	0.04	0.01
2016	1,736	0.788	53	3.3	313	40	337,846	7.7	9.2	-1.5	-17%	8.77	8.71	7.21	0.00	0.03	0.01	0.06	0.32	0.06	0.02
2015	66	0.698	23	3.3	294	56	303,360	3.5	4.3	-0.9	*n.m.	2.93	6.95	5.96	0.00	0.00	0.00	0.00	0.37	0.00	0.00
2013	287	0.631	63	3.1	266	81	305,773	3.0	8.3	-5.4	-65%	5.78	7.03	6.37	0.78	0.44	0.49	0.24	0.16	0.06	0.00
2012	1,229	0.559	75	3.1	263	84	287,391	8.7	10.4	-1.8	-17%	9.46	9.42	7.63	0.00	0.06	0.03	0.04	0.27	0.02	0.01
FGLMC 30yr 3	272,017	0.618	6787	3.7	295	56	311,254	11.4	14.2	-2.8	-19%	12.78	12.10	9.67	0.12	0.12	0.13	0.14	0.33	0.06	0.03
2019	1,020	0.901	88	4.1	350	8	356,313	22.4	32.1	-9.7	-30%	24.83	16.25	-	0.08	0.04	0.02	-	0.15	0.02	0.01
2018	857	0.874	96	3.9	335	20	308,108	16.2	19.0	-2.9	-15%	17.57	13.85	8.85	0.00	0.18	0.17	0.08	0.29	0.11	0.09
2017	9,079	0.848	229	3.8	328	26	338,291	12.9	17.1	-4.2	-25%	15.33	12.98	9.16	0.09	0.06	0.08	0.06	0.25	0.04	0.01
2016	128,073	0.731	1881	3.7	314	39	315,452	12.0	14.9	-2.9	-19%	13.56	12.86	10.17	0.16	0.15	0.16	0.17	0.37	0.08	0.03
2015	35,501	0.629	788	3.8	297	54	315,610	12.4	15.5	-3.1	-20%	13.98	12.90	10.18	0.08	0.11	0.12	0.12	0.26	0.06	0.02
2014	1,866	0.538	119	3.8	288	62	303,408	12.0	13.9	-1.9	-13%	12.71	12.07	9.53	0.21	0.07	0.10	0.10	0.26	0.04	0.03
2013	47,217	0.516	1631	3.6	269	80	300,085	9.9	11.9	-2.1	-17%	10.72	10.61	8.90	0.09	0.09	0.10	0.12	0.32	0.05	0.03
2012	48,337	0.481	1919	3.6	262	85	302,201	9.9	12.3	-2.3	-19%	10.92	10.63	8.79	0.07	0.10	0.11	0.11	0.29	0.05	0.02
2011	54	0.363	21	3.7	233	97	311,682	21.4	1.0	20.4	*n.m.	15.09	12.44	9.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FGLMC 30yr 3.5	350,672	0.541	19368	4.1	302	50	286,766	17.2	21.2	-4.0	-19%	19.07	16.81	12.65	0.24	0.24	0.22	0.22	0.51	0.11	0.04
2019	6,702	0.864	531	4.4	349	8	312,449	28.0	36.3	-8.4	-23%	31.43	22.48	-	0.18	0.19	0.11	-	0.21	0.03	0.02
2018	20,134	0.803	766	4.2	336	20	323,257	24.1	31.7	-7.6	-24%	28.63	23.83	15.75	0.19	0.17	0.12	0.10	0.32	0.06	0.02
2017	88,581	0.791	2610	4.1	328	27	301,151	17.6	22.6	-5.0	-22%	19.99	16.93	11.96	0.23	0.22	0.19	0.18	0.42	0.09	0.03
2016	51,109	0.647	2803	4.1	314	40	282,392	17.6	21.9	-4.3	-19%	19.75	17.82	13.86	0.47	0.43	0.40	0.38	0.76	0.18	0.07
2015	73,261	0.537	2996	4.1	300	52	285,435	17.6	20.9	-3.3	-16%	19.04	17.22	13.39	0.21	0.22	0.21	0.23	0.55	0.12	0.05
2014	31,704	0.419	1456	4.2	287	62	279,901	18.0	21.3	-3.3	-16%	19.09	17.21	13.21	0.18	0.20	0.18	0.19	0.43	0.10	0.03
2013	29,679	0.432	2998	4.0	272	77	264,528	12.8	14.9	-2.1	-14%	13.74	13.16	10.94	0.24	0.27	0.26	0.28	0.58	0.13	0.05
2012	36,996	0.379	4260	4.0	258	89	261,309	12.6	14.5	-1.9	-13%	13.24	12.65	10.43	0.17	0.20	0.20	0.19	0.49	0.09	0.03
2011	10,228	0.277	638	4.0	250	96	282,748	13.5	15.8	-2.3	-14%	14.34	13.12	10.45	0.15	0.11	0.10	0.10	0.27	0.05	0.01
2010	2,248	0.247	283	4.1	237	108	288,178	15.0	15.4	-0.4	-3%	14.79	13.61	10.99	0.07	0.06	0.11	0.10	0.31	0.07	0.05
FGLMC 30yr 4	245,877	0.409	23970	4.6	306	47	272,126	24.4	30.0	-5.6	-19%	27.51	24.11	17.48	0.39	0.40	0.37	0.35	0.81	0.20	0.08
2019	6,535	0.828	807	4.8	348	9	298,945	31.9	39.1	-7.2	-18%	35.77	27.79	-	0.20	0.23	0.20	-	0.43	0.07	0.03
2018	69,739	0.735	2663	4.6	339	17	307,687	33.9	43.5	-9.5	-22%	40.17	34.83	23.61	0.29	0.24	0.21	0.15	0.49	0.11	0.05
2017	54,457	0.719	3335	4.5	327	29	281,547	23.8	27.8	-4.0	-14%	25.63	22.29	16.34	0.51	0.56	0.51	0.47	0.98	0.27	0.11
2016	11,954	0.594	2029	4.5	313	41	246,410	19.0	22.7	-3.7	-16%	20.74	18.77	15.34	0.66	0.78	0.76	0.75	1.42	0.38	0.13
2015	15,787	0.483	2615	4.6	302	51	234,815	19.3	21.8	-2.6	-12%	20.00	18.75	15.29	0.66	0.64	0.58	0.62	1.26	0.36	0.12
2014	29,179	0.343	2858	4.6	286	65	247,033	18.9	22.3	-3.3	-15%	20.31	18.49	14.84	0.44	0.48	0.45	0.44	1.07	0.25	0.09
2013	18,393	0.313	2734	4.6	276	74	247,199	18.5	20.1	-1.6	-8%	19.06	17.20	13.77	0.37	0.39	0.40	0.40	0.90	0.19	0.08
2012	6,488	0.335	2240	4.5	256	91	223,749	14.2	15.8	-1.6	-10%	14.64	13.85	11.87	0.30	0.43	0.39	0.41	0.96	0.22	0.08
2011	11,111	0.220	2013	4.5	248	99	246,569	15.5	18.1	-2.5	-14%	16.04	14.51	11.87	0.21	0.24	0.20	0.25	0.64	0.11	0.04
2010	15,789	0.181	1576	4.5	237	109	249,505	15.9	18.1	-2.2	-12%	16.19	14.75	11.83	0.24	0.23	0.23	0.23	0.48	0.10	0.04
2009	6,322	0.094	990	4.5	219	126	253,465	16.7	17.5	-0.8	-4%	16.55	15.00	12.32	0.17	0.16	0.20	0.20	0.51	0.14	0.04
FGLMC 30yr 4.5	100,085	0.192	18599	5.0	289	63	238,925	22.8	27.0	-4.2	-16%	25.00	22.40	17.19	0.57	0.54	0.49	0.45	1.09	0.28	0.10
2019	1,867	0.888	618	5.1	347	9	239,188	23.0	23.0	0.0	0%	22.17	17.73	-	0.34	0.39	0.27	-	0.79	0.20	0.09
2018	36,759	0.752	2883	5.1	340	16	256,993	30.7	36.7	-6.0	-16%	34.58	30.30	21.85	0.53	0.51	0.43	0.33	0.99	0.26	0.09
2017	12,690	0.670	2119	4.9	327	29	250,670	23.3	25.8	-2.5	-10%	24.91	22.61	17.91	1.13	0.99	0.88	0.82	1.65	0.44	0.21
2016	1,395	0.553	512	5.0	313	41	210,516	18.2	21.0	-2.8	-14%	18.26	17.84	15.46	0.63	0.99	1.05	1.06	1.79	0.47	0.21
2015	977	0.480	523	5.0	301	51	166,534	15.5	18.1	-2.6	-15%	17.04	16.64	14.85	0.61	0.85	0.77	0.77	1.75	0.53	0.14
2014	2,764	0.340	1553	5.1	285	66	188,889	17.3	20.2	-3.0	-15%	17.79	17.38	15.19	0.85	0.72	0.80	0.84	1.83	0.44	0.09
2013	2,121	0.318	1171	5.1	277	73	193,601	15.9	18.2	-2.3	-13%	16.88	16.11	13.91	0.57	0.89	0.82	0.77	1.75	0.45	0.14
2012	455	0.303	448	5.0	256	92	197,122	14.5	15.9	-1.4	-9%	14.00	15.12	13.24	0.24	0.52	0.54	0.49	1.49	0.43	0.23
2011	9,507	0.173	2553	4.9	244	103	227,250	15.8	17.5	-1.7	-10%	16.16	15.03	12.62	0.44	0.39	0.35	0.38	0.95	0.20	0.08
2010	12,517	0.128	2223	4.9	234	113	227,248	16.4	18.0	-1.7	-9%	16.68	15.48	12.95	0.50	0.46	0.44	0.44	0.87	0.26	0.07
2009	17,343	0.075	2380	4.9	222	125	232,082	16.2	19.3	-3.1	-16%	17.08	15.81	13.23	0.41	0.34	0.34	0.36	0.82	0.20	0.06
FGLMC 30yr 5	30,361	0.056	17106	5.5	227	122	208,013	17.2	19.7	-2.5	-13%	17.96	16.93	14.54	0.77	0.70	0.69	0.70	1.79	0.43	0.17
2019	658	0.881	372	5.6	347	9	176,886	19.3	27.4	-8.2	-30%	21.60	17.61	-	1.39	1.17	1.04	-	0.99	0.35	0.06
2018	3,807	0.755	1283	5.6	340	16	245,534	28.5	32.4	-3.9	-12%	29.53</									

FGLMC Prepayment Speeds

December 2019

FGLMC Jumbos

	Indicative Data							Prepayment Speeds						Buyout Prepayment Component				Delinquencies				
	Cur Bal (MM)	Factor	# of Pools	WAC	WAM	WALA	WAOLS	Dec	Nov	Chg	% Chg	3mo	6mo	12mo	1mo	3mo	6mo	12mo	30D	60D	90D	
15yr Jumbo 2	27	0.414	17	2.7	98	78	541,755	15.9	14.5	1.3	9%	11.18	10.48	7.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15yr Jumbo 2.5	345	0.359	77	3.0	102	73	539,798	8.7	11.8	-3.1	-26%	8.64	9.38	7.13	0.00	0.00	0.00	0.00	0.23	0.00	0.00	
2016	28	0.686	11	3.0	135	41	522,070	2.0	1.2	0.8	*n.m.	7.03	3.88	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2015	54	0.436	13	3.0	120	55	521,053	10.1	2.5	7.6	*n.m.	4.97	7.91	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2014	20	0.379	7	3.1	111	61	509,632	1.6	1.2	0.4	*n.m.	1.27	8.20	6.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2013	105	0.395	22	2.9	95	80	547,590	13.0	11.3	1.7	15%	9.84	10.11	7.45	0.00	0.00	0.00	0.00	0.29	0.00	0.00	
2012	129	0.277	20	2.9	89	86	549,670	6.9	13.6	-6.7	-49%	8.60	9.43	7.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15yr Jumbo 3	66	0.205	64	3.5	98	77	553,577	6.6	3.0	3.6	*n.m.	4.95	7.78	7.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2012	20	0.160	15	3.5	82	91	540,255	1.6	4.4	-2.9	*n.m.	4.51	7.61	10.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30yr Jumbo 2.5	980	0.587	31	3.4	265	83	559,525	4.8	10.0	-5.2	-52%	7.10	6.66	5.46	0.00	0.00	0.17	0.09	0.01	0.00	0.00	
2013	100	0.595	8	3.4	267	82	557,783	6.7	14.7	-8.0	-54%	7.74	8.35	5.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2012	841	0.577	13	3.4	263	85	560,450	4.8	9.1	-4.4	-48%	7.06	6.40	5.46	0.00	0.00	0.20	0.10	0.01	0.00	0.00	
30yr Jumbo 3	12,853	0.642	383	3.8	298	55	541,830	13.9	17.4	-3.4	-20%	15.61	13.03	9.44	0.04	0.14	0.10	0.10	0.19	0.03	0.00	
2018	175	0.818	10	4.1	335	22	574,821	22.7	43.6	-21.0	-48%	33.18	25.80	16.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2017	1,464	0.830	26	4.0	329	27	547,487	20.8	28.5	-7.6	-27%	24.04	18.52	11.92	0.00	0.10	0.05	0.05	0.14	0.03	0.00	
2016	4,061	0.767	68	3.7	316	39	538,083	12.7	16.0	-3.3	-21%	14.61	12.63	9.16	0.00	0.26	0.18	0.14	0.32	0.03	0.01	
2015	2,740	0.685	63	3.8	299	54	536,361	16.4	15.9	0.6	4%	16.61	13.82	10.29	0.00	0.00	0.04	0.09	0.11	0.05	0.00	
2014	103	0.413	10	4.0	292	60	531,696	35.0	36.9	-1.8	-5%	33.93	26.24	16.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2013	1,922	0.543	90	3.6	271	80	545,097	11.4	13.2	-1.8	-14%	11.58	10.24	7.85	0.00	0.00	0.00	0.02	0.14	0.00	0.00	
2012	2,369	0.481	110	3.7	265	85	545,787	8.9	14.0	-5.1	-36%	11.34	9.75	7.68	0.23	0.24	0.15	0.11	0.17	0.04	0.00	
30yr Jumbo 3.5	10,883	0.442	577	4.2	304	50	545,626	26.1	31.9	-5.8	-18%	29.26	24.33	16.90	0.27	0.27	0.28	0.25	0.54	0.12	0.05	
2019	27	0.766	5	4.5	352	7	591,193	50.6	57.7	-7.1	-12%	44.48	40.06	-	0.00	0.00	0.00	-	0.00	0.00	0.00	
2018	387	0.734	30	4.3	338	18	578,649	40.1	50.2	-10.1	-20%	45.77	36.83	24.64	0.00	0.53	0.63	0.41	0.77	0.00	0.17	
2017	3,180	0.694	51	4.3	329	28	554,591	33.2	40.9	-7.8	-19%	38.54	31.63	21.06	0.38	0.36	0.35	0.30	0.62	0.09	0.03	
2016	2,169	0.574	59	4.2	317	40	545,062	26.1	35.3	-9.2	-26%	29.88	26.18	18.38	0.29	0.45	0.48	0.40	0.74	0.26	0.10	
2015	1,864	0.426	82	4.2	301	53	536,085	22.5	25.8	-3.4	-13%	23.25	19.57	14.53	0.30	0.20	0.21	0.21	0.52	0.10	0.05	
2014	791	0.345	40	4.2	287	62	528,947	23.2	22.4	0.8	4%	23.17	19.26	14.41	0.00	0.00	0.00	0.00	0.44	0.00	0.00	
2013	589	0.376	62	4.0	276	77	543,118	14.0	17.5	-3.5	-20%	18.42	14.09	10.50	0.00	0.00	0.00	0.13	0.74	0.07	0.09	
2012	1,677	0.263	202	4.0	260	90	540,765	16.8	18.1	-1.3	-7%	16.78	14.09	10.51	0.34	0.11	0.16	0.13	0.15	0.13	0.00	
2011	194	0.181	45	4.1	252	96	541,954	22.8	18.6	4.2	23%	20.56	14.73	11.05	0.00	0.00	0.00	0.19	0.00	0.00	0.00	
30yr Jumbo 4	5,063	0.286	475	4.6	311	44	571,075	33.9	42.3	-8.4	-20%	38.33	34.60	25.71	0.24	0.38	0.35	0.38	0.97	0.19	0.11	
2019	55	0.710	5	4.9	350	9	636,362	30.9	73.4	-42.5	-58%	59.69	47.60	-	0.00	0.00	0.00	-	2.06	1.02	0.00	
2018	1,771	0.615	43	4.7	339	19	580,697	42.5	56.1	-13.6	-24%	50.91	47.35	35.35	0.36	0.45	0.22	0.22	0.83	0.10	0.06	
2017	801	0.608	43	4.7	329	28	583,573	42.8	41.2	1.6	4%	39.64	33.48	24.30	0.68	0.72	0.72	0.47	1.19	0.38	0.12	
2016	337	0.438	30	4.7	315	41	581,611	25.5	38.8	-13.2	-34%	33.06	27.01	21.75	0.00	0.65	0.32	0.98	1.51	0.47	0.00	
2015	500	0.313	37	4.7	303	52	567,948	37.7	18.0	19.7	110%	27.02	24.56	19.50	0.00	0.32	0.71	0.68	1.76	0.38	0.08	
2014	650	0.205	48	4.6	289	64	544,215	19.1	33.9	-14.8	-44%	26.64	23.49	17.25	0.00	0.00	0.31	0.72	0.78	0.07	0.19	
2013	260	0.170	53	4.6	279	74	542,769	20.0	20.1	-0.1	0%	20.85	19.59	15.32	0.00	0.56	0.59	0.29	0.70	0.00	0.18	
2012	142	0.189	66	4.5	258	91	547,397	14.4	26.9	-12.5	-46%	20.13	18.44	13.95	0.00	0.00	0.00	0.00	0.79	0.00	0.31	
2011	400	0.093	116	4.5	252	98	566,296	13.5	29.5	-16.0	-54%	20.73	17.48	12.92	0.00	0.00	0.00	0.00	0.29	0.11	0.12	
2010	148	0.112	34	4.5	243	108	553,880	17.5	17.6	-0.1	0%	17.38	17.11	13.84	0.00	0.00	0.00	0.00	0.55	0.00	0.35	
30yr Jumbo 4.5	469	0.112	193	5.1	293	62	590,497	33.4	36.9	-3.5	-10%	36.24	35.92	28.91	2.59	2.05	1.03	0.68	1.35	0.73	0.00	
2018	140	0.506	14	5.3	345	15	600,750	49.7	58.1	-8.3	-14%	60.36	59.63	48.75	4.92	1.67	0.84	0.42	0.47	1.78	0.00	
2015	35	0.325	14	5.1	303	52	613,804	0.1	36.7	-36.6	*n.m.	23.89	21.53	13.82	0.00	0.00	0.00	0.00	2.84	0.00	0.00	
2014	61	0.156	27	5.1	291	66	576,650	15.0	26.3	-11.3	-43%	21.71	21.23	17.52	8.23	11.75	6.06	3.67	2.33	0.75	0.00	
2013	36	0.106	20	5.1	277	74	577,441	13.4	37.1	-23.6	-64%	19.20	15.07	14.41	0.00	0.00	0.00	0.00	2.74	0.00	0.00	
2011	142	0.057	87	4.9	247	102	581,657	34.7	21.1	13.6	64%	22.15	19.56	14.01	0.00	0.00	0.00	0.00	0.82	0.00	0.00	
2010	31	0.057	18	4.9	247	108	574,486	33.2	17.8	15.4	87%	18.12	18.39	16.42	0.00	0.00	0.00	0.00	3.55	1.50	0.00	
30yr Jumbo 5	48	0.072	38	5.5	293	64	607,992	30.3	65.1	-34.8	-53%	55.50	49.67	43.65	0.00	0.00	0.00	0.00	5.64	0.96	0.00	
2011	23	0.041	27	5.3	251	103	570,423	33.6	35.5	-1.9	-5%	37.06	38.15	26.13	0.00	0.00	0.00	0.00	0.00	1.98	0.00	

*n.m. - Not Meaningful

Source: Bloomberg

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FGLMC Prepayment Speeds

December 2019

FGLMC 105-125 LTV

	Indicative Data						Prepayment Speeds						Buyout Prepayment Component				Delinquencies				
	Cur Bal (MM)	Factor	# of Pools	WAC	WAM	WALA WAOLS	Dec	Nov	Chg	% Chg	3mo	6mo	12mo	1mo	3mo	6mo	12mo	30D	60D	90D	
15yr 105-125 LTV 2.5	445	0.329	257	3.1	93	81	203,902	10.7	9.9	0.8	8%	10.77	11.63	10.79	0.00	0.16	0.12	0.28	0.41	0.09	0.04
2013	203	0.357	128	3.0	95	79	200,246	9.4	9.6	-0.2	-2%	10.95	11.72	10.40	0.00	0.25	0.13	0.20	0.43	0.14	0.06
2012	222	0.294	105	3.1	88	87	208,655	12.7	10.7	2.0	19%	11.21	12.16	11.51	0.00	0.00	0.09	0.28	0.36	0.05	0.00
15yr 105-125 LTV 3	631	0.321	504	3.6	98	76	192,448	12.6	13.6	-1.0	-7%	12.58	12.62	11.64	0.00	0.56	0.35	0.33	0.54	0.19	0.07
2016	40	0.661	42	3.7	136	41	162,815	13.3	4.6	8.8	n.m.	12.19	12.34	10.76	0.00	0.00	0.32	0.27	0.14	0.26	0.00
2015	58	0.564	49	3.7	123	54	178,443	6.1	12.1	-6.1	-50%	9.15	8.54	9.00	0.00	1.38	0.69	0.43	1.16	0.26	0.44
2014	40	0.480	53	3.7	112	64	181,252	15.7	12.4	3.3	26%	12.45	13.08	11.13	0.00	3.08	1.99	1.56	1.04	0.63	0.00
2013	189	0.351	154	3.5	97	78	188,575	12.0	14.0	-2.0	-14%	12.09	12.19	11.12	0.00	0.00	0.07	0.09	0.54	0.09	0.06
2012	280	0.252	175	3.5	85	88	204,969	14.7	15.4	-0.7	-4%	14.17	14.03	13.02	0.00	0.52	0.26	0.30	0.39	0.18	0.02
15yr 105-125 LTV 3.5	337	0.317	369	4.1	102	73	185,745	11.2	16.5	-5.3	-32%	14.13	13.18	12.17	0.61	0.86	0.50	0.49	0.85	0.11	0.09
2015	27	0.551	32	4.1	123	52	166,714	8.9	14.2	-5.3	-37%	11.45	7.80	8.67	0.00	0.00	0.00	0.65	0.40	0.00	0.00
2014	79	0.436	87	4.1	109	66	181,262	14.6	12.5	2.1	17%	12.89	12.20	11.85	0.00	0.82	0.56	0.90	1.64	0.00	0.00
2013	110	0.355	106	4.1	101	74	189,760	10.8	19.7	-9.0	-45%	15.10	14.58	12.86	1.85	0.62	0.41	0.24	0.84	0.27	0.16
2012	73	0.227	83	4.0	83	90	200,668	9.9	12.4	-2.5	-20%	12.44	13.18	11.73	0.00	0.14	0.07	0.20	0.64	0.11	0.18
2011	22	0.150	24	4.1	75	97	195,221	13.5	34.4	-20.9	-61%	24.13	20.33	19.65	0.00	3.21	1.62	0.81	0.00	0.00	0.00
15yr 105-125 LTV 4	63	0.190	120	4.5	88	86	191,589	22.5	20.6	1.9	9%	19.28	17.80	16.64	0.00	1.51	1.40	0.92	1.03	0.36	0.11
2014	10	0.441	12	4.6	109	67	190,492	26.3	9.9	16.4	166%	18.36	14.52	14.27	0.00	0.00	0.00	0.00	0.00	0.51	0.00
2013	15	0.345	23	4.6	100	74	184,682	31.1	12.7	18.4	145%	19.04	20.52	15.66	0.00	0.00	1.10	1.49	1.73	0.27	0.49
2011	24	0.135	48	4.5	74	100	197,003	24.5	34.2	-9.6	-28%	24.03	20.93	19.54	0.00	0.85	1.46	0.73	1.18	0.34	0.00
20yr 105-125 LTV 3	402	0.443	187	3.6	154	79	214,841	10.2	12.5	-2.3	-18%	11.71	11.25	9.57	0.00	0.47	0.33	0.24	0.66	0.17	0.07
2013	167	0.450	79	3.6	154	79	208,474	10.9	11.6	-0.7	-6%	12.16	10.79	9.42	0.00	0.49	0.32	0.19	0.54	0.27	0.10
2012	200	0.412	77	3.6	148	86	220,721	10.6	12.5	-2.0	-16%	11.01	11.78	9.95	0.00	0.00	0.13	0.09	0.58	0.11	0.05
20yr 105-125 LTV 3.5	793	0.394	387	4.0	155	79	214,023	14.4	14.9	-0.5	-3%	13.42	13.05	10.77	0.20	0.17	0.23	0.25	0.68	0.20	0.04
2015	46	0.654	37	4.1	183	54	205,032	3.8	9.1	-5.3	-58%	6.05	4.66	6.07	3.46	1.17	0.59	0.29	1.26	0.00	0.00
2014	42	0.579	31	4.3	172	63	192,353	9.4	16.4	-7.0	-43%	12.11	13.97	9.70	0.00	0.00	0.40	0.36	0.82	0.21	0.00
2013	244	0.429	122	4.0	157	78	209,477	11.4	14.6	-3.2	-22%	12.36	12.52	10.79	0.00	0.12	0.13	0.26	0.50	0.12	0.00
2012	423	0.340	158	4.0	145	88	220,412	16.3	16.2	0.1	0%	14.78	14.27	11.52	0.00	0.13	0.25	0.20	0.68	0.20	0.07
20yr 105-125 LTV 4	286	0.349	244	4.6	156	78	200,364	14.6	16.5	-2.0	-12%	15.99	14.34	12.79	0.26	1.15	0.83	0.65	1.05	0.29	0.09
2015	20	0.635	20	4.5	182	54	193,053	5.0	0.6	4.4	n.m.	2.78	6.73	6.06	0.00	0.00	0.00	0.84	3.07	2.52	0.53
2014	55	0.497	50	4.7	170	65	195,323	16.0	16.3	-0.3	-2%	13.84	13.06	11.64	0.00	0.63	1.09	0.85	1.10	0.20	0.00
2013	79	0.424	67	4.6	161	74	193,714	13.3	24.3	-11.0	-45%	16.99	14.91	12.79	0.00	1.10	0.92	0.63	1.04	0.28	0.00
2012	98	0.278	65	4.5	140	91	209,479	14.2	9.3	5.0	54%	15.00	13.44	12.97	0.00	1.86	0.93	0.54	0.97	0.00	0.11
2011	20	0.195	19	4.7	135	98	209,604	27.8	35.5	-7.7	-22%	33.75	23.15	19.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20yr 105-125 LTV 4.5	79	0.237	88	5.0	146	88	198,253	11.8	25.3	-13.6	-54%	18.77	15.46	12.99	0.00	0.00	0.12	0.46	1.45	0.61	0.00
2013	20	0.416	21	5.0	162	73	195,466	0.4	20.5	-20.0	n.m.	19.91	14.54	15.49	0.00	0.00	0.00	0.00	2.05	0.85	0.00
2011	36	0.190	33	5.0	134	99	207,701	4.7	34.2	-29.5	-86%	20.21	16.33	12.85	0.00	0.00	0.27	0.67	1.04	0.86	0.00
30yr 105-125 LTV 3	861	0.514	258	3.7	267	81	237,218	9.5	13.1	-3.6	-28%	11.03	11.10	9.60	0.93	0.74	0.56	0.57	0.66	0.21	0.06
2013	451	0.520	119	3.7	265	80	231,542	8.4	16.3	-7.9	-48%	11.83	10.93	9.80	0.89	0.73	0.46	0.51	0.70	0.34	0.11
2012	379	0.494	105	3.7	265	85	245,504	11.1	9.9	1.2	12%	10.53	11.58	9.58	1.06	0.81	0.72	0.64	0.56	0.03	0.00
30yr 105-125 LTV 3.5	5,721	0.464	1,047	4.0	268	81	239,032	11.3	14.6	-3.4	-23%	12.72	12.80	10.94	0.64	0.54	0.51	0.55	0.91	0.21	0.09
2017	25	0.851	28	4.2	313	30	235,777	0.8	21.1	-20.3	n.m.	9.03	6.33	5.25	0.00	2.08	1.05	1.51	0.88	1.36	0.00
2016	143	0.803	68	4.1	312	40	237,409	11.3	9.4	1.8	19%	9.75	9.25	7.88	2.42	1.19	0.89	1.63	1.38	0.29	0.00
2015	150	0.665	89	4.2	294	53	219,652	17.5	12.9	4.6	36%	14.25	12.78	10.75	2.32	0.78	1.49	1.95	1.29	0.29	0.37
2014	29	0.615	27	4.3	279	63	207,621	0.3	0.3	0.0	n.m.	0.65	4.09	6.39	0.00	0.00	0.00	0.19	0.74	0.00	0.00
2013	2,409	0.491	398	4.0	270	79	235,067	9.8	12.9	-3.1	-24%	11.34	12.10	10.66	0.83	0.45	0.42	0.48	1.00	0.28	0.10
2012	2,953	0.427	422	4.1	263	87	243,784	12.2	16.5	-4.2	-26%	14.04	13.67	11.39	0.34	0.56	0.52	0.48	0.80	0.14	0.07
30yr 105-125 LTV 4	6,190	0.415	1,458	4.5	269	80	232,871	14.3	17.5	-3.2	-18%	15.83	15.08	12.67	0.57	0.80	0.71	0.70	1.16	0.27	0.09
2017	139	0.834	73	4.6	324	30	234,431	2.9	7.8	-4.9	-63%	7.24	7.60	6.90	0.00	3.27	2.54	2.43	1.77	0.83	0.08
2016	191	0.742	73	4.6	312	42	224,611	9.1	11.9	-2.9	-24%	9.48	9.12	8.32	0.66	0.84	0.55	0.86	2.69	0.47	0.11
2015	371	0.670	137	4.5	299	53	216,712	14.7	12.1	2.6	22%	12.98	12.01	9.78	0.34	1.22	1.02	0.91	1.97	0.06	0.07
2014	369	0.573	193	4.6	285	64	216,194	10.0	20.4	-10.4	-51%	14.13	13.58	12.24	0.93	1.00	1.27	1.40	1.44	0.80	0.20
2013	1,604	0.463	418	4.5	273	77	225,840	13.4	17.7	-4.3	-24%	15.21	15.33	12.76	0.64	0.91	0.87	0.76	1.08	0.22	0.09
2012	3,255	0.362	452	4.5	259	90	240,188	15.8	18.0	-2.2	-12%	17.01	15.98	13.45	0.59	0.56	0.49	0.49	0.99	0.22	0.08
2011	204	0.314																			

FGLMC Prepayment Speeds

December 2019

FGLMC 125+ LTV

	Indicative Data							Prepayment Speeds						Buyout Prepayment Component				Delinquencies			
	Cur Bal (MM)	Factor	# of Pools	WAC	WAM	WALA	WAOLS	Dec	Nov	Chg	% Chg	3mo	6mo	12mo	1mo	3mo	6mo	12mo	30D	60D	90D
30yr 125+ LTV 3	481	0.533	175	3.7	267	82	241,184	↑12.9	12.7	0.2	1%	12.24	10.27	9.86	0.51	0.50	0.69	0.72	0.84	0.09	0.08
2013	242	0.554	95	3.7	267	80	225,423	↓10.1	13.9	-3.8	-27%	10.62	8.93	8.72	1.00	0.65	0.88	0.80	1.00	0.10	0.16
2012	232	0.508	72	3.7	266	85	257,905	↑15.9	11.8	4.2	36%	14.22	11.79	11.15	0.02	0.35	0.52	0.65	0.71	0.09	0.00
30yr 125+ LTV 3.5	4,349	0.503	734	4.1	268	82	233,147	↓12.2	14.5	-2.3	-16%	13.20	12.98	11.07	0.49	0.49	0.64	0.63	0.94	0.26	0.08
2016	46	0.826	35	4.1	312	40	203,005	↑6.5	5.3	1.2	23%	5.92	6.85	5.04	0.00	2.43	1.22	0.94	1.18	0.12	0.00
2015	49	0.701	41	4.2	288	54	202,368	↓11.4	18.4	-7.1	-38%	15.43	12.40	8.47	3.11	1.66	0.84	0.60	2.01	0.00	0.07
2013	1,894	0.532	342	4.0	270	80	225,316	↓12.7	13.5	-0.8	-6%	13.07	12.84	10.91	0.27	0.36	0.65	0.68	1.00	0.32	0.11
2012	2,347	0.475	299	4.1	264	86	240,788	↓11.7	15.5	-3.7	-24%	13.37	13.21	11.36	0.45	0.48	0.58	0.57	0.87	0.22	0.06
30yr 125+ LTV 4	6,422	0.455	1050	4.5	268	83	230,572	↓14.7	16.5	-1.8	-11%	14.90	14.80	12.49	0.50	0.72	0.77	0.72	1.03	0.22	0.10
2017	42	0.836	35	4.6	320	29	195,692	↓7.0	19.4	-12.4	-64%	10.66	11.05	7.11	4.39	6.05	5.78	3.82	2.88	0.14	0.00
2016	85	0.774	52	4.6	312	41	204,509	↑14.4	7.0	7.4	105%	9.44	9.12	7.86	2.31	1.98	1.72	1.93	1.43	0.50	0.27
2015	175	0.712	99	4.5	298	53	197,519	↑7.0	9.5	0.7	8%	7.93	10.12	7.60	0.86	1.30	1.22	1.28	2.12	0.23	0.38
2014	154	0.638	111	4.7	284	64	197,241	↓9.9	16.5	-6.5	-40%	11.71	11.23	10.33	2.78	1.83	1.99	1.61	0.93	0.53	0.00
2013	1,706	0.514	383	4.4	273	78	218,754	↓12.1	13.6	-1.5	-11%	12.69	13.27	11.78	0.37	0.47	0.62	0.75	1.15	0.29	0.10
2012	4,259	0.419	366	4.5	262	89	238,724	↓16.0	18.0	-2.0	-11%	16.29	15.84	13.17	0.35	0.67	0.69	0.60	0.91	0.17	0.09
30yr 125+ LTV 4.5	1,897	0.445	556	5.0	272	78	218,425	↓14.4	18.0	-3.6	-20%	16.56	15.11	13.51	1.70	1.18	1.02	0.99	1.29	0.33	0.15
2017	30	0.847	21	5.0	321	30	208,905	↑12.9	5.5	7.4	135%	8.39	11.06	7.53	7.90	2.70	2.73	2.39	0.26	1.18	0.00
2015	57	0.681	43	4.9	301	53	184,192	↑7.8	5.1	2.8	54%	6.84	8.65	12.13	5.83	3.05	2.47	3.53	1.74	0.72	0.67
2014	377	0.596	171	5.0	285	66	201,734	↓10.5	10.6	-0.1	-1%	10.98	11.88	11.31	2.88	2.43	2.10	1.61	1.79	0.59	0.15
2013	550	0.541	188	5.1	278	74	210,179	↓16.2	18.2	-2.0	-11%	16.00	14.16	11.90	1.76	1.39	0.98	1.06	1.81	0.26	0.13
2012	866	0.350	116	5.0	258	90	233,775	↓15.5	22.2	-6.7	-30%	20.26	17.72	15.82	0.69	0.36	0.46	0.48	0.72	0.21	0.13
30yr 125+ LTV 5	61	0.536	53	5.5	285	66	198,074	↓12.2	22.6	-10.4	-46%	15.50	15.36	13.43	4.25	1.93	1.20	1.50	1.68	0.31	0.43
2014	26	0.552	21	5.5	283	68	203,456	↓9.8	19.3	-9.5	-49%	17.38	15.12	13.60	9.69	4.48	2.78	1.84	1.24	0.00	0.00
2013	28	0.490	23	5.5	278	73	199,808	↓17.1	26.3	-9.3	-35%	15.67	18.14	15.09	0.00	0.00	0.00	1.49	2.19	0.67	0.00

*n.m. - Not Meaningful

Source: Bloomberg

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FGLMC Prepayment Speeds

December 2019

FGLMC Relocation

	Indicative Data							Prepayment Speeds						Buyout Prepayment Component				Delinquencies			
	Cur Bal (MM)	Factor	# of Pools	WAC	WAM	WALA	WAOLS	Dec	Nov	Chg	% Chg	3mo	6mo	12mo	1mo	3mo	6mo	12mo	30D	60D	90D
30yr Relo 3	231	0.533	35	3.7	302	50	322,865	↑17.3	11.5	5.9	51%	14.81	18.51	15.07	0.00	0.00	0.12	0.14	0.15	0.00	0.00
2017	32	0.796	10	3.7	330	26	332,176	↑28.4	0.3	28.1	*n.m.	14.43	13.15	12.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	147	0.519	11	3.6	298	53	315,495	↓9.4	11.9	-2.5	-21%	12.28	18.27	15.66	0.00	0.00	0.19	0.21	0.23	0.00	0.00
2012	22	0.332	5	3.5	255	89	342,681	↓15.3	31.4	-16.1	-51%	26.06	22.61	15.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30yr Relo 3.5	25	0.346	7	4.1	280	65	290,199	↓0.7	49.6	-48.9	*n.m.	24.21	20.91	16.73	0.00	0.00	0.00	0.00	0.00	0.76	0.00
2014	18	0.355	1	4.1	283	61	278,247	↓0.9	38.2	-37.3	*n.m.	20.39	20.53	17.52	0.00	0.00	0.00	0.00	0.00	1.04	0.00

*n.m. - Not Meaningful

Source: Bloomberg

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