

Appendix E: Econometric Results cont'd

Conditional Claim Rates		All Mortgages by Credit Subsidy Endorsement Cohort																												
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1975	0.03	0.72	1.36	1.04	0.75	0.49	0.33	0.25	0.29	0.22	0.22	0.21	0.22	0.29	0.31	0.29	0.23	0.25	0.22	0.17	0.16	0.07	0.10	0.07	0.04	0.08	0.06	0.04	0.05	0.03
1976	0.03	0.65	0.95	0.76	0.47	0.35	0.28	0.29	0.26	0.23	0.24	0.27	0.36	0.36	0.39	0.28	0.30	0.26	0.24	0.19	0.15	0.11	0.09	0.06	0.08	0.07	0.05	0.05	0.07	0.11
1977	0.01	0.39	0.66	0.50	0.39	0.31	0.34	0.28	0.28	0.29	0.32	0.44	0.46	0.43	0.37	0.30	0.27	0.23	0.21	0.17	0.15	0.09	0.06	0.06	0.07	0.04	0.05	0.08	0.09	0.07
1978	0.01	0.29	0.60	0.62	0.51	0.59	0.52	0.54	0.53	0.61	0.80	0.72	0.64	0.54	0.46	0.39	0.37	0.34	0.26	0.21	0.16	0.11	0.11	0.11	0.09	0.07	0.10	0.10	0.07	0.06
1979	0.01	0.22	0.78	0.81	0.97	0.91	0.99	1.01	1.18	1.44	1.31	1.11	0.95	0.82	0.71	0.69	0.65	0.42	0.40	0.30	0.22	0.24	0.20	0.14	0.13	0.15	0.11	0.08	0.07	0.07
1980	0.00	0.52	1.34	1.87	1.82	1.93	1.95	2.51	3.10	2.59	2.05	1.72	1.59	1.51	1.44	1.32	0.95	0.82	0.71	0.55	0.45	0.45	0.32	0.25	0.21	0.11	0.09	0.07	0.08	0.09
1981	0.02	1.19	3.80	4.20	4.72	4.69	5.98	6.73	4.72	3.67	3.08	2.41	2.42	2.12	2.06	1.48	1.34	1.52	0.99	0.95	0.69	0.72	0.68	0.27	0.15	0.10	0.08	0.09	0.10	0.10
1982	0.03	1.18	3.17	4.40	5.21	7.10	8.61	6.52	4.46	3.33	3.20	2.56	2.74	2.67	1.68	1.80	1.89	1.42	1.47	1.33	1.06	0.86	0.77	0.21	0.14	0.09	0.09	0.11	0.11	0.12
1983	0.01	0.40	1.60	2.40	3.62	5.31	4.69	3.36	2.79	2.56	2.30	2.40	2.21	1.53	1.53	1.44	1.40	1.22	1.02	0.69	0.77	0.62	0.27	0.17	0.10	0.09	0.10	0.10	0.11	0.11
1984	0.01	0.79	2.84	5.06	7.20	6.26	4.39	3.39	3.04	2.67	2.54	2.10	1.80	1.68	1.20	1.01	0.91	0.69	0.51	0.37	0.41	0.33	0.21	0.13	0.10	0.09	0.09	0.10	0.10	0.11
1985	0.01	0.65	2.81	5.24	4.80	3.77	3.24	2.87	2.80	2.69	2.49	1.80	1.62	1.56	1.12	1.09	0.80	0.58	0.51	0.49	0.44	0.27	0.17	0.13	0.11	0.09	0.08	0.09	0.09	0.09
1986	0.01	0.42	1.59	2.06	1.95	1.76	1.61	1.48	1.63	1.66	1.32	1.29	1.09	1.00	0.83	0.59	0.49	0.43	0.44	0.33	0.18	0.12	0.09	0.07	0.05	0.03	0.03	0.03	0.03	0.04
1987	0.02	0.39	1.09	1.34	1.40	1.38	1.30	1.38	1.35	1.16	1.13	1.03	0.91	0.79	0.47	0.43	0.45	0.46	0.31	0.17	0.10	0.07	0.06	0.04	0.03	0.02	0.02	0.02	0.02	0.02
1988	0.01	0.33	1.08	1.54	1.79	1.76	2.06	2.16	1.76	1.67	1.51	1.38	1.19	0.79	0.67	0.58	0.67	0.46	0.27	0.17	0.12	0.09	0.07	0.05	0.04	0.03	0.03	0.03	0.03	0.03
1989	0.01	0.31	1.12	1.66	1.93	2.39	2.54	2.18	2.06	1.76	1.59	1.39	0.91	0.80	0.77	0.88	0.64	0.38	0.23	0.16	0.12	0.09	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03
1990	0.01	0.28	1.09	1.72	2.31	2.50	2.00	2.03	1.74	1.53	1.36	0.90	0.75	0.76	0.85	0.78	0.46	0.28	0.20	0.15	0.11	0.07	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03
1991	0.01	0.26	1.04	1.71	2.11	1.83	1.94	1.75	1.54	1.42	0.93	0.78	0.70	0.96	0.85	0.51	0.34	0.24	0.18	0.13	0.08	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03
1992	0.00	0.18	0.70	1.08	1.19	1.43	1.39	1.27	1.14	0.78	0.64	0.58	0.84	0.75	0.47	0.31	0.22	0.17	0.12	0.09	0.07	0.05	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02
1993	0.00	0.15	0.56	0.86	1.22	1.22	1.08	0.94	0.60	0.50	0.48	0.70	0.62	0.40	0.25	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
1994	0.01	0.20	0.68	1.19	1.39	1.30	1.09	0.73	0.62	0.58	0.69	0.57	0.36	0.26	0.20	0.17	0.13	0.10	0.07	0.06	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
1995	0.01	0.24	1.20	2.13	2.45	2.25	1.65	1.40	1.66	1.58	1.11	0.71	0.51	0.38	0.31	0.25	0.18	0.14	0.11	0.09	0.07	0.06	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02
1996	0.00	0.26	1.25	2.13	2.23	1.74	1.55	1.79	1.98	1.62	1.15	0.84	0.61	0.52	0.43	0.34	0.28	0.22	0.17	0.13	0.10	0.08	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03
1997	0.00	0.31	1.34	2.15	1.91	2.00	2.25	2.45	1.91	1.34	1.12	0.80	0.66	0.57	0.45	0.37	0.32	0.25	0.20	0.15	0.12	0.09	0.07	0.06	0.05	0.04	0.03	0.03	0.03	0.03
1998	0.00	0.26	1.03	1.23	1.36	1.68	2.05	1.58	1.06	0.79	0.68	0.60	0.49	0.41	0.35	0.29	0.23	0.17	0.13	0.10	0.08	0.06	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02
1999	0.00	0.26	0.91	1.46	2.16	2.44	1.62	1.07	0.80	0.68	0.62	0.51	0.42	0.36	0.31	0.25	0.19	0.15	0.11	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02
2000	0.01	0.37	1.91	4.06	4.87	3.16	2.11	1.49	1.09	1.03	0.88	0.71	0.60	0.51	0.43	0.35	0.28	0.22	0.17	0.13	0.10	0.08	0.06	0.04	0.03	0.03	0.03	0.03	0.03	0.03
2001	0.00	0.33	1.71	3.26	2.50	1.82	1.22	0.92	0.81	0.70	0.64	0.55	0.47	0.39	0.33	0.27	0.22	0.17	0.12	0.09	0.07	0.05	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02
2002	0.00	0.38	1.90	1.98	1.60	1.35	1.02	0.81	0.67	0.60	0.54	0.46	0.38	0.32	0.27	0.23	0.18	0.14	0.10	0.08	0.06	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02
2003	0.01	0.56	1.27	1.19	1.05	0.86	0.71	0.55	0.46	0.43	0.39	0.32	0.27	0.23	0.20	0.17	0.13	0.10	0.07	0.05	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
2004	0.03	0.70	1.32	1.50	1.31	1.13	0.87	0.66	0.52	0.44	0.37	0.32	0.27	0.23	0.20	0.16	0.13	0.10	0.07	0.05	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.02
2005	0.10	0.96	1.75	1.76	1.58	1.27	1.01	0.81	0.59	0.43	0.37	0.32	0.27	0.23	0.19	0.16	0.13	0.10	0.07	0.05	0.04	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
2006	0.08	0.81	1.47	1.61	1.39	1.18	0.96	0.75	0.51	0.41	0.37	0.32	0.27	0.23	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
2007	0.07	0.69	1.36	1.39	1.30	1.12	0.92	0.66	0.48	0.41	0.37	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
2008	0.06	0.66	1.18	1.34	1.27	1.12	0.88	0.65	0.47	0.40	0.37	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
2009	0.06	0.58	1.15	1.32	1.27	1.07	0.87	0.64	0.47	0.40	0.36	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
2010	0.05	0.56	1.13	1.31	1.22	1.07	0.86	0.63	0.46	0.40	0.37	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
2011	0.05	0.55	1.13	1.27	1.22	1.07	0.86	0.63	0.47	0.40	0.37	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01

Conditional Prepayment Rates			All Mortgages by Credit Subsidy Endorsement Cohort																											
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1975	0.13	1.63	6.82	10.88	10.11	5.19	2.74	1.28	3.48	3.56	3.80	6.27	8.27	6.23	5.62	5.98	5.87	8.03	10.92	11.96	9.94	10.28	10.54	13.19	14.88	18.05	14.74	16.96	21.53	14.66
1976	0.16	2.53	7.44	8.58	4.53	2.32	0.97	3.31	3.40	3.70	6.34	8.23	6.14	5.72	5.89	5.91	7.83	10.76	12.10	8.36	11.33	10.65	12.89	14.77	12.44	17.49	16.58	19.15	17.87	13.23
1977	0.19	2.47	5.72	3.45	1.80	0.80	2.64	2.73	3.13	6.00	8.09	6.00	5.50	5.82	5.62	7.64	10.38	12.12	8.13	10.20	11.34	13.20	15.15	11.96	12.98	19.30	19.57	18.42	13.55	9.18
1978	0.14	1.57	1.65	1.20	0.86	1.87	1.97	2.34	5.53	8.41	6.30	5.91	6.20	6.09	8.84	13.66	15.77	8.54	11.17	11.06	14.67	16.35	11.79	12.36	16.19	21.55	19.66	17.56	11.92	11.46
1979	0.11	0.45	0.52	0.40	1.24	1.48	1.89	5.28	9.10	6.35	5.97	6.45	6.49	12.35	18.75	20.11	9.31	12.15	11.59	15.25	18.13	12.05	12.61	15.70	18.99	21.51	19.45	17.46	14.87	11.75
1980	0.24	0.80	0.32	2.03	2.38	3.34	14.43	20.47	9.70	7.68	8.62	10.15	17.79	20.24	21.62	10.51	12.87	12.08	15.11	17.78	13.91	12.09	14.56	16.53	18.79	20.69	17.57	15.52	11.74	6.87
1981	0.12	0.62	14.49	7.83	9.86	26.34	28.32	13.52	10.15	9.45	9.73	14.49	16.71	19.23	10.32	12.26	12.24	14.77	20.98	12.20	15.57	12.90	14.02	17.01	20.76	20.47	18.10	14.19	8.40	7.02
1982	0.16	12.84	7.34	10.76	30.62	31.95	15.58	12.02	11.59	12.43	17.89	18.63	21.17	11.16	13.32	15.47	20.65	22.15	12.74	12.73	16.89	13.31	15.80	18.17	18.41	18.37	14.93	9.19	7.75	6.52
1983	0.16	0.77	2.01	18.00	27.72	11.91	9.44	11.30	13.61	22.75	24.30	26.02	11.94	14.67	14.33	27.31	23.63	12.63	11.86	15.31	17.97	17.53	19.39	19.72	20.06	18.49	12.08	10.28	8.73	7.43
1984	0.11	1.33	18.94	26.38	12.31	9.83	10.61	11.05	17.24	18.86	19.99	8.60	9.80	9.10	10.16	17.41	7.17	5.71	6.38	5.99	14.54	21.32	21.72	22.06	20.75	15.49	13.52	11.50	9.80	8.28
1985	0.19	9.18	21.43	9.68	8.05	10.20	12.51	22.25	23.86	23.29	8.99	10.91	9.88	11.32	12.18	15.83	9.07	8.65	7.61	13.31	20.27	20.47	20.65	19.14	14.47	14.26	12.47	10.59	8.90	7.32
1986	0.42	3.21	2.57	3.15	4.42	5.39	13.91	25.87	25.03	7.77	11.85	10.15	15.67	17.08	10.07	17.96	15.56	16.39	15.75	19.19	19.95	20.00	18.72	11.85	11.59	11.63	10.50	9.66	8.06	6.89
1987	0.32	1.14	1.93	3.14	3.85	9.37	19.93	21.11	6.89	10.50	9.21	15.12	17.62	9.94	13.34	21.35	20.82	17.06	17.98	16.98	17.63	15.73	8.64	8.38	8.52	8.45	7.91	6.72	5.82	5.06
1988	0.31	1.45	3.05	4.60	13.93	26.33	25.56	7.98	11.91	10.12	15.36	16.95	10.01	11.91	15.73	20.16	15.91	16.64	16.65	16.84	15.52	10.97	10.37	10.15	10.38	11.09	9.48	8.08	6.93	5.97
1989	0.32	1.83	3.82	13.56	27.73	27.09	8.09	12.16	10.10	15.94	17.75	10.13	12.00	16.50	17.94	20.40	16.83	16.43	17.20	15.96	11.22	10.28	10.13	10.41	11.23	10.94	9.63	8.20	7.01	5.98
1990	0.31	2.02	9.90	29.59	29.32	8.53	12.81	10.27	16.40	18.51	10.11	12.51	17.41	19.61	17.14	15.88	15.99	16.49	15.37	9.52	8.83	8.69	9.05	10.23	10.19	10.12	8.90	7.59	6.47	5.51
1991	0.27	4.71	23.05	27.69	7.83	12.71	10.57	17.75	19.97	10.56	14.14	19.61	22.89	18.82	17.03	14.68	15.55	13.99	8.26	8.02	8.15	8.36	9.13	8.98	9.04	8.88	7.77	6.63	5.67	4.85
1992	0.56	8.14	15.33	6.64	11.21	9.99	18.06	21.05	10.74	15.71	22.23	28.82	21.43	16.95	13.46	12.95	10.76	5.95	5.78	5.84	5.82	6.20	6.06	6.02	6.00	5.86	5.19	4.51	3.92	3.41
1993	1.34	6.46	4.85	8.52	8.32	14.22	17.87	10.27	15.44	22.54	34.32	24.88	17.89	13.11	13.42	9.08	4.39	4.00	3.77	3.71	4.18	4.18	4.16	4.15	4.15	4.08	3.66	3.23	2.86	2.54
1994	0.98	3.18	7.66	7.73	13.51	16.09	9.93	14.69	20.62	31.89	24.22	16.98	12.12	12.51	9.26	3.95	3.80	3.69	3.60	3.86	3.77	3.72	3.69	3.66	3.65	3.55	3.17	2.81	2.50	2.24
1995	1.36	7.70	8.46	18.96	19.14	10.13	16.61	22.46	30.28	24.28	18.24	14.44	15.02	11.56	6.65	5.89	5.87	5.78	6.26	6.03	5.93	5.85	5.79	5.74	5.70	5.55	4.90	4.23	3.66	3.17
1996	0.50	3.75	16.77	19.36	9.73	16.99	22.98	32.25	30.38	25.63	19.08	20.52	15.42	8.77	7.79	6.71	6.51	7.07	6.80	6.66	6.56	6.50	6.46	6.44	6.43	6.28	5.51	4.73	4.06	3.49
1997	0.69	11.24	20.73	10.36	19.49	23.25	31.70	28.89	25.06	19.60	21.94	16.82	10.35	9.44	8.79	7.75	8.38	7.86	7.57	7.35	7.18	7.05	6.96	6.88	6.83	6.65	5.88	5.08	4.38	3.79
1998	1.41	8.14	6.67	13.89	21.30	36.71	32.57	25.35	17.98	19.75	14.53	7.77	6.71	6.11	5.61	5.12	4.89	4.84	4.84	4.85	4.88	4.92	4.98	5.04	5.11	5.08	4.48	3.83	3.28	2.82
1999	0.72	3.17	13.56	21.80	35.67	31.02	22.93	16.54	18.69	13.96	7.76	6.88	6.26	5.74	5.46	4.63	4.54	4.53	4.53	4.55	4.58	4.63	4.69	4.75	4.81	4.73	4.12	3.53	3.03	2.61
2000	0.61	24.29	31.93	35.46	31.59	29.94	24.57	28.07	23.82	13.82	11.81	11.01	10.17	10.18	9.28	8.28	8.15	8.09	8.06	8.05	8.07	8.11	8.16	8.22	8.29	8.13	7.11	6.07	5.17	4.41
2001	3.01	17.10	40.94	34.79	27.19	18.89	21.55	16.95	9.49	8.42	7.86	7.26	6.97	6.39	5.80	5.09	4.91	4.90	4.90	4.92	4.94	4.99	5.05	5.11	5.18	5.17	4.60	3.96	3.42	2.97
2002	4.29	34.31	29.49	21.66	14.79	16.52	13.10	8.61	8.42	8.05	7.54	7.19	6.51	5.86	5.31	4.53	4.37	4.33	4.30	4.29	4.29	4.32	4.37	4.41	4.46	4.40	3.90	3.38	2.95	2.58
2003	8.14	16.42	14.22	12.14	12.36	10.64	7.64	8.02	7.75	7.42	7.18	6.60	5.93	5.33	4.79	4.03	3.90	3.82	3.75	3.69	3.67	3.70	3.74	3.78	3.82	3.77	3.40	3.05	2.75	2.49
2004	4.41	12.09	10.42	11.54	11.07	6.92	7.21	7.38	7.25	7.12	6.75	6.09	5.46	4.90	4.41	3.79	3.66	3.61	3.57	3.54	3.53	3.57	3.61	3.65	3.70	3.66	3.29	2.88	2.54	2.25
2005	3.05	6.88	9.23	10.12	6.48	6.03	6.11	6.26	6.61	6.44	5.99	5.41	4.88	4.41	4.00	3.54	3.48	3.47	3.47	3.47	3.50	3.54	3.59	3.64	3.70	3.66	3.25	2.80	2.42	2.10
2006	2.20	7.05	9.09	6.55	5.95	5.71	5.77	6.10	6.23	5.96	5.52	5.02	4.55	4.14	3.77	3.38	3.34	3.36	3.38	3.40	3.44	3.49	3.54	3.60	3.66	3.62	3.19	2.72	2.33	2.00
2007	2.33	6.85	6.02	6.02	5.80	5.61	5.74	5.89	6.03	5.71	5.29	4.82	4.38	4.00	3.65	3.29	3.27	3.30	3.33	3.36	3.40	3.45	3.51	3.57	3.63	3.58	3.14	2.68	2.28	1.95
2008	2.14	4.39	5.30	5.84	5.83	5.73	5.60	5.83	5.96	5.63	5.22	4.76	4.34	3.96	3.62	3.27	3.26	3.28	3.31	3.35	3.40	3.45	3.50	3.56	3.62	3.58	3.13	2.67	2.27	1.93
2009	1.36	3.91	5.11	5.90	6.04	5.64	5.58	5.83	5.95	5.62	5.21	4.75	4.33	3.95	3.62	3.26	3.25	3.28	3.31	3.35	3.39	3.45	3.50	3.56	3.62	3.58	3.13	2.67	2.27	1.93
2010	1.23	3.81	5.18	6.14	5.96	5.62	5.58	5.84	5.94	5.61	5.20	4.74	4.32	3.95	3.62	3.26	3.25	3.28	3.31	3.35	3.40	3.45	3.51	3.57	3.63	3.58	3.14	2.67	2.27	1.93
2011	1.20	3.84	5.37	6.03	5.93	5.60	5.56	5.81	5.92	5.60	5.19	4.74	4.32	3.95	3.62	3.26	3.25	3.28	3.32	3.36	3.40	3.45	3.51	3.57	3.63	3.59	3.15	2.67	2.28	1.94

Cumulative Claim Rates		All Mortgages by Credit Subsidy Endorsement Cohort																													
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1975	0.03	0.75	2.07	3.00	3.59	3.93	4.15	4.30	4.49	4.62	4.75	4.87	4.98	5.12	5.26	5.38	5.47	5.56	5.64	5.69	5.74	5.75	5.77	5.79	5.79	5.81	5.81	5.82	5.82	5.82	
1976	0.03	0.68	1.60	2.27	2.64	2.91	3.12	3.33	3.52	3.68	3.83	4.00	4.20	4.39	4.58	4.71	4.84	4.95	5.03	5.09	5.13	5.16	5.18	5.19	5.21	5.22	5.23	5.23	5.24	5.24	
1977	0.01	0.40	1.04	1.50	1.84	2.10	2.39	2.62	2.84	3.06	3.29	3.58	3.86	4.11	4.31	4.47	4.60	4.69	4.77	4.82	4.87	4.89	4.91	4.92	4.93	4.94	4.94	4.95	4.96	4.96	
1978	0.01	0.30	0.88	1.48	1.97	2.51	2.98	3.45	3.91	4.40	4.98	5.47	5.88	6.20	6.45	6.65	6.81	6.93	7.02	7.08	7.12	7.15	7.17	7.18	7.20	7.20	7.21	7.22	7.23	7.23	
1979	0.01	0.23	1.00	1.79	2.73	3.59	4.50	5.41	6.41	7.49	8.40	9.12	9.68	10.13	10.47	10.74	10.94	11.06	11.15	11.22	11.26	11.29	11.32	11.33	11.34	11.35	11.36	11.37	11.37	11.37	
1980	0.00	0.52	1.84	3.65	5.34	7.06	8.71	10.48	12.17	13.40	14.27	14.92	15.46	15.86	16.17	16.38	16.52	16.62	16.70	16.75	16.78	16.81	16.83	16.84	16.85	16.85	16.85	16.85	16.85	16.86	
1981	0.02	1.21	4.93	8.30	11.62	14.45	16.93	18.76	19.79	20.47	20.97	21.30	21.59	21.79	21.94	22.04	22.11	22.18	22.22	22.25	22.27	22.29	22.30	22.31	22.31	22.31	22.31	22.31	22.31	22.31	
1982	0.03	1.21	3.93	7.31	10.71	13.67	15.87	17.13	17.83	18.27	18.63	18.85	19.04	19.18	19.26	19.33	19.39	19.42	19.45	19.47	19.49	19.50	19.50	19.51	19.51	19.51	19.51	19.51	19.51	19.51	
1983	0.01	0.40	1.98	4.26	7.00	9.76	11.78	13.02	13.90	14.57	15.03	15.37	15.60	15.74	15.85	15.94	16.00	16.04	16.07	16.09	16.11	16.12	16.12	16.12	16.12	16.12	16.13	16.13	16.13	16.13	
1984	0.01	0.80	3.58	7.46	11.23	13.87	15.43	16.45	17.23	17.78	18.19	18.45	18.65	18.81	18.92	19.00	19.05	19.10	19.12	19.14	19.16	19.17	19.18	19.18	19.19	19.19	19.19	19.19	19.19	19.19	
1985	0.01	0.66	3.18	6.76	9.54	11.45	12.85	13.91	14.68	15.22	15.59	15.82	16.01	16.17	16.27	16.35	16.41	16.44	16.47	16.49	16.51	16.52	16.52	16.52	16.52	16.52	16.53	16.53	16.53	16.53	
1986	0.01	0.43	1.96	3.85	5.55	6.99	8.21	9.15	9.91	10.48	10.88	11.23	11.49	11.69	11.82	11.91	11.97	12.01	12.04	12.07	12.08	12.08	12.08	12.09	12.09	12.09	12.09	12.09	12.09	12.09	
1987	0.02	0.40	1.48	2.75	4.02	5.22	6.21	7.05	7.68	8.18	8.61	8.96	9.22	9.40	9.50	9.58	9.64	9.69	9.72	9.73	9.74	9.74	9.74	9.75	9.75	9.75	9.75	9.75	9.75	9.75	
1988	0.01	0.35	1.41	2.86	4.43	5.74	6.84	7.67	8.28	8.78	9.18	9.49	9.70	9.83	9.92	9.99	10.05	10.09	10.10	10.11	10.12	10.12	10.12	10.12	10.13	10.13	10.13	10.13	10.13	10.13	
1989	0.01	0.31	1.41	2.95	4.46	5.78	6.77	7.53	8.15	8.61	8.95	9.19	9.33	9.44	9.53	9.61	9.65	9.67	9.69	9.69	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	
1990	0.01	0.28	1.34	2.83	4.21	5.22	5.95	6.58	7.05	7.39	7.63	7.77	7.87	7.96	8.03	8.09	8.11	8.13	8.14	8.14	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	8.15	
1991	0.01	0.26	1.24	2.47	3.55	4.38	5.14	5.74	6.17	6.47	6.65	6.78	6.87	6.96	7.03	7.06	7.08	7.09	7.10	7.10	7.10	7.11	7.11	7.11	7.11	7.11	7.11	7.11	7.11	7.11	
1992	0.00	0.18	0.82	1.65	2.49	3.38	4.14	4.70	5.09	5.33	5.49	5.60	5.72	5.80	5.84	5.86	5.88	5.89	5.90	5.90	5.91	5.91	5.91	5.91	5.91	5.91	5.91	5.91	5.91	5.91	
1993	0.00	0.16	0.68	1.43	2.39	3.26	3.91	4.37	4.63	4.82	4.95	5.08	5.16	5.21	5.23	5.25	5.26	5.27	5.27	5.28	5.28	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	
1994	0.01	0.21	0.86	1.90	3.01	3.90	4.51	4.87	5.13	5.33	5.48	5.58	5.63	5.66	5.68	5.70	5.71	5.72	5.72	5.73	5.73	5.73	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	
1995	0.01	0.25	1.34	3.09	4.67	5.81	6.55	7.06	7.52	7.81	7.97	8.05	8.10	8.13	8.15	8.17	8.18	8.19	8.19	8.20	8.20	8.20	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	
1996	0.00	0.27	1.46	3.13	4.50	5.44	6.12	6.72	7.15	7.39	7.51	7.59	7.63	7.66	7.68	7.70	7.71	7.72	7.72	7.73	7.73	7.73	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	
1997	0.00	0.31	1.49	2.96	4.11	5.05	5.84	6.41	6.71	6.87	6.97	7.03	7.07	7.10	7.12	7.13	7.15	7.15	7.16	7.17	7.17	7.17	7.17	7.17	7.18	7.18	7.18	7.18	7.18	7.18	
1998	0.00	0.26	1.19	2.21	3.18	4.10	4.79	5.14	5.31	5.41	5.48	5.54	5.58	5.61	5.63	5.65	5.66	5.67	5.68	5.69	5.69	5.69	5.69	5.70	5.70	5.70	5.70	5.70	5.70	5.70	
1999	0.00	0.26	1.13	2.33	3.69	4.64	5.07	5.28	5.41	5.50	5.56	5.62	5.66	5.69	5.71	5.73	5.75	5.76	5.76	5.77	5.77	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.79	5.79	
2000	0.01	0.38	1.81	3.82	5.28	5.88	6.15	6.29	6.36	6.41	6.45	6.47	6.49	6.51	6.52	6.52	6.53	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.55	6.55	6.55	6.55	
2001	0.00	0.33	1.69	3.19	3.90	4.27	4.46	4.57	4.65	4.72	4.77	4.81	4.84	4.87	4.89	4.90	4.91	4.92	4.93	4.93	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	
2002	0.00	0.37	1.56	2.41	2.93	3.30	3.53	3.69	3.81	3.90	3.98	4.04	4.09	4.13	4.15	4.18	4.20	4.21	4.22	4.22	4.23	4.23	4.23	4.24	4.24	4.24	4.24	4.24	4.24	4.24	
2003	0.01	0.52	1.49	2.26	2.84	3.26	3.56	3.78	3.95	4.09	4.21	4.29	4.37	4.42	4.47	4.51	4.53	4.55	4.57	4.58	4.58	4.59	4.59	4.60	4.60	4.60	4.61	4.61	4.61	4.61	
2004	0.03	0.70	1.80	2.91	3.75	4.38	4.83	5.14	5.37	5.54	5.68	5.79	5.88	5.95	6.00	6.05	6.08	6.11	6.12	6.14	6.15	6.15	6.16	6.16	6.17	6.17	6.17	6.17	6.18	6.18	
2005	0.10	1.03	2.59	3.99	5.10	5.92	6.53	6.97	7.27	7.48	7.64	7.78	7.88	7.97	8.04	8.09	8.13	8.16	8.19	8.20	8.21	8.22	8.23	8.23	8.24	8.24	8.24	8.25	8.25	8.25	
2006	0.08	0.87	2.20	3.49	4.52	5.33	5.94	6.38	6.67	6.88	7.06	7.20	7.32	7.41	7.49	7.55	7.59	7.62	7.65	7.67	7.68	7.69	7.69	7.70	7.70	7.71	7.71	7.71	7.72	7.72	
2007	0.07	0.74	1.96	3.13	4.13	4.94	5.56	5.98	6.25	6.48	6.66	6.82	6.94	7.03	7.11	7.18	7.22	7.26	7.28	7.30	7.32	7.33	7.33	7.34	7.34	7.35	7.35	7.35	7.36	7.36	
2008	0.06	0.70	1.80	2.96	3.99	4.82	5.43	5.86	6.14	6.37	6.57	6.73	6.85	6.96	7.04	7.10	7.15	7.19	7.22	7.24	7.25	7.26	7.27	7.28	7.28	7.28	7.29	7.29	7.29	7.30	
2009	0.06	0.63	1.72	2.88	3.92	4.74	5.35	5.77	6.06	6.30	6.50	6.66	6.78	6.89	6.97	7.04	7.09	7.13	7.15	7.17	7.19	7.20	7.21	7.21	7.22	7.22	7.22	7.23	7.23	7.23	
2010	0.05	0.61	1.67	2.83	3.83	4.65	5.26	5.67	5.96	6.20	6.40	6.56	6.69	6.79	6.87	6.94	6.99	7.03	7.06	7.07	7.09	7									

Cumulative Prepayment Rates			All Mortgages by Credit Subsidy Endorsement Cohort																											
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1975	0.13	1.76	8.41	18.15	26.12	29.77	31.59	32.41	34.61	36.78	39.01	42.53	46.88	49.88	52.41	54.94	57.27	60.26	63.99	67.62	70.28	72.74	75.01	77.54	80.02	82.58	84.30	85.97	87.74	88.68
1976	0.16	2.68	9.87	17.46	21.10	22.87	23.60	26.03	28.43	30.94	35.09	40.11	43.54	46.53	49.42	52.14	55.52	59.78	64.05	66.63	69.84	72.51	75.38	78.25	80.31	82.84	84.82	86.73	88.17	89.04
1977	0.19	2.65	8.19	11.32	12.89	13.57	15.80	18.04	20.52	25.12	30.93	34.88	38.26	41.63	44.68	48.58	53.46	58.54	61.53	64.97	68.39	71.92	75.44	77.79	80.03	82.93	85.31	87.10	88.18	88.81
1978	0.14	1.71	3.33	4.49	5.30	7.03	8.81	10.87	15.61	22.38	26.99	31.00	34.94	38.54	43.43	50.27	57.07	60.15	63.83	67.05	70.84	74.45	76.62	78.62	80.92	83.48	85.31	86.62	87.36	87.98
1979	0.11	0.56	1.07	1.46	2.66	4.06	5.80	10.54	18.19	22.98	27.13	31.29	35.16	41.97	50.95	58.71	61.55	64.90	67.68	70.91	74.15	75.91	77.52	79.28	81.06	82.69	83.85	84.69	85.27	85.67
1980	0.24	1.04	1.36	3.32	5.53	8.50	20.69	35.14	40.42	44.06	47.72	51.58	57.54	63.01	67.57	69.28	71.13	72.62	74.25	75.86	76.89	77.65	78.46	79.24	79.98	80.63	81.08	81.40	81.60	81.71
1981	0.12	0.74	14.95	21.22	28.17	44.03	55.79	59.48	61.69	63.44	65.00	67.04	68.98	70.80	71.56	72.36	73.05	73.76	74.61	75.00	75.43	75.72	76.00	76.29	76.58	76.81	76.97	77.07	77.12	77.16
1982	0.16	12.98	19.28	27.54	47.49	60.84	64.81	67.14	68.96	70.60	72.59	74.23	75.69	76.28	76.89	77.48	78.14	78.69	78.93	79.14	79.37	79.52	79.68	79.83	79.95	80.05	80.12	80.15	80.18	80.20
1983	0.16	0.93	2.92	20.04	41.02	47.22	51.28	55.45	59.74	65.74	70.52	74.28	75.52	76.82	77.89	79.60	80.65	81.07	81.42	81.80	82.18	82.48	82.75	82.97	83.16	83.29	83.36	83.41	83.45	83.48
1984	0.11	1.44	19.95	40.12	46.57	50.72	54.48	57.80	62.24	66.11	69.33	70.41	71.50	72.40	73.29	74.65	75.10	75.44	75.78	76.09	76.78	77.65	78.34	78.89	79.29	79.52	79.70	79.83	79.92	80.00
1985	0.19	9.35	28.63	35.24	39.90	45.06	50.50	58.65	65.20	69.89	71.22	72.66	73.80	74.95	76.04	77.25	77.83	78.33	78.73	79.37	80.21	80.88	81.42	81.81	82.05	82.26	82.41	82.52	82.61	82.67
1986	0.42	3.62	6.08	8.98	12.84	17.23	27.78	44.33	55.98	58.63	62.29	65.01	68.73	72.11	73.74	76.34	78.17	79.78	81.08	82.40	83.50	84.39	85.05	85.39	85.68	85.94	86.15	86.32	86.45	86.55
1987	0.32	1.46	3.35	6.35	9.84	17.92	33.24	46.02	49.26	53.78	57.28	62.44	67.48	69.80	72.57	76.40	79.32	81.20	82.84	84.10	85.19	85.99	86.36	86.68	86.99	87.26	87.50	87.69	87.83	87.96
1988	0.31	1.76	4.75	9.06	21.33	40.88	54.52	57.61	61.75	64.78	68.84	72.56	74.36	76.26	78.45	80.79	82.26	83.54	84.60	85.49	86.17	86.58	86.92	87.22	87.50	87.76	87.96	88.12	88.24	88.34
1989	0.32	2.14	5.86	18.44	40.24	55.22	58.38	62.62	65.63	69.81	73.64	75.40	77.25	79.47	81.46	83.30	84.49	85.45	86.29	86.93	87.31	87.62	87.89	88.14	88.38	88.59	88.76	88.88	88.98	89.06
1990	0.31	2.33	11.96	37.61	55.08	58.55	63.19	66.36	70.80	74.90	76.69	78.65	81.02	83.20	84.71	85.86	86.83	87.66	88.31	88.65	88.93	89.19	89.43	89.68	89.90	90.09	90.25	90.37	90.47	90.54
1991	0.27	4.97	26.81	46.73	50.71	56.52	60.66	66.73	72.23	74.51	77.20	80.37	83.31	85.16	86.50	87.45	88.30	88.95	89.28	89.57	89.84	90.09	90.35	90.58	90.79	90.97	91.12	91.24	91.33	91.41
1992	0.56	8.65	22.63	27.71	35.62	41.80	51.70	61.00	64.68	69.43	75.04	80.65	83.60	85.41	86.59	87.57	88.28	88.63	88.94	89.24	89.53	89.81	90.07	90.31	90.54	90.75	90.92	91.06	91.18	91.28
1993	1.34	7.71	12.18	19.60	26.17	36.33	47.13	52.15	58.86	67.09	76.73	81.29	83.73	85.18	86.47	87.23	87.56	87.85	88.10	88.35	88.62	88.87	89.11	89.35	89.57	89.78	89.96	90.11	90.25	90.36
1994	0.98	4.13	11.46	18.24	29.03	39.96	45.54	52.88	61.59	72.20	77.64	80.51	82.19	83.72	84.70	85.08	85.43	85.76	86.07	86.38	86.68	86.96	87.23	87.49	87.74	87.97	88.17	88.34	88.49	88.62
1995	1.36	8.95	16.64	32.18	44.57	49.72	57.10	65.27	73.65	78.22	80.77	82.39	83.83	84.76	85.24	85.62	85.99	86.33	86.67	86.98	87.27	87.53	87.78	88.01	88.22	88.42	88.59	88.72	88.83	88.93
1996	0.50	4.23	20.25	35.41	41.39	50.58	60.69	71.39	78.04	81.84	83.89	85.66	86.70	87.20	87.60	87.91	88.20	88.49	88.75	88.98	89.20	89.40	89.58	89.76	89.92	90.06	90.18	90.28	90.36	90.43
1997	0.69	11.86	30.06	37.15	48.82	59.77	70.92	77.64	81.64	83.92	85.94	87.13	87.74	88.23	88.64	88.97	89.29	89.57	89.82	90.04	90.24	90.43	90.59	90.75	90.89	91.02	91.12	91.21	91.28	91.34
1998	1.41	9.43	15.45	27.03	42.10	62.19	73.17	78.76	81.65	84.23	85.73	86.42	86.96	87.41	87.80	88.14	88.44	88.73	89.00	89.26	89.50	89.74	89.97	90.19	90.40	90.59	90.76	90.90	91.01	91.10
1999	0.72	3.87	16.87	34.74	57.19	69.32	75.29	78.54	81.56	83.38	84.25	84.95	85.54	86.04	86.50	86.86	87.19	87.51	87.82	88.11	88.39	88.66	88.92	89.17	89.41	89.64	89.83	89.99	90.11	90.22
2000	0.61	24.75	48.66	66.22	75.69	81.39	84.51	87.14	88.70	89.39	89.88	90.29	90.62	90.91	91.15	91.34	91.52	91.68	91.82	91.95	92.07	92.19	92.29	92.39	92.47	92.55	92.62	92.67	92.71	92.74
2001	3.01	19.60	52.38	68.35	76.09	79.87	83.29	85.37	86.32	87.08	87.72	88.27	88.75	89.16	89.51	89.79	90.05	90.30	90.53	90.76	90.97	91.17	91.37	91.56	91.74	91.91	92.06	92.18	92.27	92.36
2002	4.29	37.13	55.56	64.85	69.69	74.21	77.16	78.82	80.30	81.57	82.67	83.63	84.43	85.10	85.68	86.14	86.56	86.96	87.34	87.70	88.05	88.38	88.71	89.02	89.32	89.60	89.84	90.04	90.21	90.35
2003	8.14	23.22	34.06	41.88	48.79	53.93	57.20	60.35	63.13	65.57	67.75	69.60	71.15	72.45	73.56	74.44	75.26	76.04	76.76	77.45	78.11	78.75	79.38	79.98	80.57	81.13	81.61	82.03	82.40	82.72
2004	4.41	15.97	24.65	33.14	40.21	44.09	47.81	51.30	54.46	57.32	59.83	61.93	63.69	65.18	66.45	67.49	68.46	69.38	70.26	71.09	71.90	72.68	73.44	74.19	74.91	75.61	76.21	76.71	77.15	77.52
2005	3.05	9.71	17.95	26.00	30.53	34.41	38.06	41.53	44.93	48.01	50.68	52.93	54.85	56.49	57.91	59.12	60.26	61.35	62.41	63.43	64.42	65.39	66.34	67.26	68.17	69.03	69.77	70.39	70.91	71.34
2006	2.20	9.09	17.28	22.55	26.95	30.87	34.55	38.18	41.63	44.71	47.39	49.67	51.64	53.33	54.82	56.09	57.30	58.48	59.63	60.74	61.83	62.89	63.93	64.95	65.95	66.91	67.72	68.38	68.94	69.41
2007	2.33	9.02	14.45	19.48	23.97	28.01	31.86	35.54	39.07	42.19	44.91	47.24	49.25	51.01	52.54	53.86	55.14	56.38	57.59	58.77	59.92	61.06	62.17	63.25	64.32	65.34	66.20	66.90	67.49	67.98
2008	2.14	6.43	11.35	16.42	21.12	25.41	29.31	33.12	36.75	39.97	42.77	45.19	47.27	49.09	50.68	52.06	53.39	54.68	55.95	57.18	58.39									

Conditional Claim Rates			Fixed Rate 30 Year Mortgages										by Credit Subsidy Endorsement Cohort																										
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
1975	0.03	0.72	1.36	1.03	0.74	0.48	0.32	0.24	0.29	0.22	0.21	0.20	0.22	0.28	0.30	0.29	0.23	0.25	0.22	0.17	0.16	0.07	0.10	0.07	0.04	0.08	0.06	0.04	0.05	0.03									
1976	0.03	0.65	0.95	0.75	0.47	0.35	0.28	0.29	0.26	0.23	0.24	0.26	0.36	0.36	0.39	0.28	0.30	0.26	0.24	0.19	0.15	0.11	0.09	0.06	0.08	0.07	0.05	0.05	0.07	0.11									
1977	0.01	0.39	0.66	0.50	0.39	0.31	0.34	0.28	0.28	0.29	0.32	0.44	0.45	0.43	0.37	0.30	0.27	0.23	0.21	0.17	0.15	0.09	0.06	0.06	0.07	0.04	0.05	0.08	0.09	0.07									
1978	0.01	0.29	0.60	0.62	0.52	0.59	0.52	0.54	0.53	0.61	0.80	0.72	0.64	0.54	0.46	0.39	0.37	0.34	0.26	0.21	0.16	0.11	0.11	0.11	0.09	0.07	0.10	0.10	0.07	0.06									
1979	0.01	0.22	0.78	0.80	0.97	0.91	0.99	1.01	1.18	1.44	1.31	1.11	0.95	0.82	0.71	0.69	0.66	0.42	0.40	0.30	0.22	0.24	0.20	0.14	0.13	0.15	0.11	0.08	0.07	0.07									
1980	0.00	0.52	1.34	1.87	1.82	1.93	1.95	2.51	3.11	2.60	2.05	1.73	1.59	1.51	1.45	1.32	0.95	0.82	0.71	0.55	0.45	0.45	0.32	0.25	0.21	0.11	0.09	0.07	0.08	0.09									
1981	0.02	1.19	3.80	4.20	4.73	4.71	6.00	6.76	4.75	3.69	3.09	2.41	2.44	2.13	2.09	1.50	1.34	1.52	0.99	0.95	0.69	0.72	0.68	0.27	0.15	0.10	0.08	0.09	0.10	0.10									
1982	0.03	1.20	3.24	4.49	5.34	7.34	9.02	6.86	4.75	3.54	3.43	2.74	2.96	2.91	1.84	1.97	1.99	1.42	1.44	1.29	1.06	0.86	0.77	0.21	0.14	0.09	0.09	0.11	0.11	0.12									
1983	0.01	0.42	1.68	2.51	3.84	5.70	5.09	3.68	3.09	2.85	2.58	2.72	2.55	1.78	1.79	1.68	1.43	1.21	1.02	0.69	0.77	0.62	0.27	0.17	0.10	0.09	0.10	0.10	0.11	0.11									
1984	0.02	0.82	2.97	5.31	7.58	6.66	4.70	3.66	3.29	2.92	2.77	2.31	1.97	1.87	1.33	1.09	0.93	0.69	0.51	0.37	0.41	0.33	0.21	0.13	0.10	0.09	0.09	0.10	0.10	0.11									
1985	0.01	0.69	3.00	5.62	5.17	4.09	3.53	3.15	3.10	2.98	2.81	2.02	1.85	1.78	1.29	1.24	0.84	0.58	0.52	0.49	0.45	0.28	0.17	0.13	0.12	0.09	0.09	0.09	0.10	0.10									
1986	0.01	0.46	1.73	2.22	2.09	1.89	1.72	1.60	1.78	1.82	1.46	1.43	1.22	1.11	0.92	0.65	0.51	0.44	0.44	0.34	0.19	0.12	0.09	0.07	0.05	0.03	0.03	0.03	0.03	0.04									
1987	0.02	0.41	1.14	1.37	1.43	1.42	1.36	1.47	1.45	1.25	1.24	1.12	1.02	0.88	0.53	0.47	0.48	0.49	0.32	0.18	0.10	0.07	0.06	0.04	0.02	0.02	0.02	0.02	0.02	0.02									
1988	0.01	0.31	1.05	1.51	1.77	1.79	2.15	2.29	1.86	1.80	1.61	1.49	1.30	0.85	0.74	0.63	0.70	0.50	0.28	0.18	0.13	0.10	0.07	0.05	0.04	0.03	0.03	0.03	0.03	0.03									
1989	0.01	0.28	1.10	1.66	1.93	2.43	2.60	2.23	2.12	1.82	1.65	1.45	0.95	0.84	0.82	0.93	0.66	0.38	0.24	0.16	0.12	0.09	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.03									
1990	0.01	0.27	1.10	1.75	2.38	2.57	2.05	2.09	1.81	1.60	1.41	0.95	0.80	0.81	0.90	0.82	0.46	0.28	0.20	0.15	0.11	0.07	0.05	0.04	0.03	0.03	0.03	0.03	0.03	0.03									
1991	0.01	0.27	1.08	1.82	2.27	1.92	2.01	1.82	1.61	1.50	1.00	0.86	0.78	1.06	0.95	0.57	0.35	0.25	0.19	0.13	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.02	0.03	0.03									
1992	0.00	0.20	0.77	1.22	1.25	1.46	1.43	1.35	1.23	0.89	0.76	0.68	1.03	0.93	0.57	0.34	0.23	0.18	0.12	0.08	0.06	0.05	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02									
1993	0.01	0.17	0.61	0.92	1.22	1.27	1.21	1.10	0.77	0.65	0.65	0.96	0.80	0.50	0.28	0.22	0.17	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.02									
1994	0.00	0.18	0.68	1.22	1.51	1.53	1.35	0.96	0.86	0.83	0.99	0.76	0.47	0.30	0.24	0.19	0.14	0.10	0.08	0.06	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
1995	0.00	0.23	1.09	1.94	2.21	2.18	1.66	1.41	1.67	1.77	1.34	0.85	0.52	0.41	0.35	0.26	0.18	0.14	0.10	0.08	0.06	0.05	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02									
1996	0.00	0.25	1.20	1.96	2.10	1.72	1.52	1.78	2.15	1.84	1.30	0.76	0.59	0.51	0.40	0.32	0.25	0.19	0.14	0.11	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.02									
1997	0.00	0.29	1.23	1.93	1.71	1.78	2.06	2.59	2.15	1.52	0.95	0.73	0.64	0.50	0.41	0.34	0.27	0.20	0.15	0.11	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.03									
1998	0.00	0.25	1.07	1.32	1.48	1.86	2.24	1.72	1.16	0.79	0.70	0.62	0.50	0.41	0.35	0.29	0.22	0.17	0.13	0.10	0.07	0.06	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02									
1999	0.00	0.29	1.03	1.66	2.44	2.75	1.78	1.15	0.79	0.70	0.65	0.52	0.43	0.37	0.31	0.25	0.19	0.15	0.11	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02									
2000	0.01	0.38	1.98	4.24	5.19	3.39	2.25	1.34	1.03	0.84	0.69	0.58	0.50	0.41	0.34	0.26	0.20	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.03	0.03									
2001	0.00	0.40	1.91	3.66	2.89	2.10	1.28	0.97	0.86	0.74	0.68	0.59	0.50	0.41	0.34	0.29	0.23	0.17	0.13	0.10	0.07	0.06	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02									
2002	0.00	0.44	2.26	2.40	1.92	1.41	1.09	0.85	0.69	0.63	0.58	0.50	0.41	0.35	0.29	0.24	0.19	0.14	0.11	0.08	0.06	0.05	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02									
2003	0.01	0.77	1.78	1.61	1.31	1.08	0.78	0.52	0.46	0.43	0.39	0.32	0.27	0.23	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2004	0.04	0.89	1.61	1.59	1.39	1.19	0.76	0.58	0.49	0.42	0.36	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2005	0.10	1.02	1.74	1.69	1.51	1.11	0.89	0.73	0.55	0.41	0.36	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2006	0.09	0.83	1.47	1.53	1.21	1.06	0.87	0.68	0.47	0.39	0.36	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2007	0.07	0.71	1.33	1.22	1.16	1.02	0.84	0.60	0.45	0.39	0.36	0.31	0.26	0.22	0.19	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2008	0.06	0.67	1.11	1.20	1.14	1.02	0.79	0.59	0.44	0.39	0.36	0.31	0.26	0.22	0.19	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2009	0.06	0.56	1.09	1.18	1.13	0.97	0.79	0.58	0.44	0.39	0.36	0.31	0.26	0.22	0.19	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2010	0.05	0.55	1.07	1.17	1.08	0.96	0.78	0.57	0.44	0.39	0.36	0.31	0.26	0.22	0.19	0.15	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									
2011	0.05	0.54	1.07	1.12	1.08	0.97	0.79	0.58	0.44	0.39	0.36	0.31	0.26	0.22	0.19	0.16	0.12	0.09	0.07	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01									

Conditional Prepayment Rates			Fixed Rate 30 Year Mortgages										by Credit Subsidy Endorsement Cohort																										
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
1975	0.13	1.63	6.82	10.89	10.13	5.19	2.74	1.27	3.48	3.56	3.76	6.25	8.27	6.21	5.59	5.72	5.83	8.03	10.92	11.96	9.94	10.28	10.54	13.19	14.88	18.05	14.74	16.96	21.53	14.66									
1976	0.15	2.53	7.44	8.59	4.54	2.32	0.96	3.30	3.39	3.70	6.32	8.22	6.13	5.70	5.86	5.72	7.78	10.76	12.09	8.36	11.33	10.65	12.89	14.77	12.44	17.49	16.58	19.15	17.87	13.23									
1977	0.19	2.46	5.72	3.44	1.79	0.80	2.64	2.73	3.12	6.00	8.08	5.99	5.49	5.81	5.60	7.52	10.35	12.12	8.13	10.20	11.34	13.20	15.15	11.96	12.98	19.30	19.57	18.42	13.55	9.18									
1978	0.14	1.57	1.65	1.20	0.86	1.86	1.97	2.33	5.53	8.41	6.29	5.90	6.19	6.08	8.83	13.58	15.75	8.54	11.17	11.06	14.67	16.35	11.79	12.36	16.19	21.55	19.66	17.56	11.92	11.46									
1979	0.10	0.45	0.52	0.39	1.24	1.47	1.88	5.28	9.10	6.35	5.97	6.44	6.49	12.35	18.76	20.04	9.29	12.15	11.59	15.25	18.13	12.05	12.61	15.70	18.99	21.51	19.45	17.46	14.87	11.75									
1980	0.24	0.80	0.32	2.03	2.37	3.33	14.45	20.49	9.71	7.67	8.60	10.16	17.81	20.26	21.63	10.27	12.78	12.08	15.11	17.78	13.91	12.09	14.56	16.53	18.79	20.69	17.57	15.52	11.74	6.87									
1981	0.12	0.62	14.51	7.84	9.87	26.40	28.40	13.55	10.16	9.47	9.73	14.54	16.80	19.33	10.32	11.34	12.02	14.77	20.98	12.20	15.57	12.90	14.02	17.01	20.76	20.47	18.10	14.19	8.40	7.02									
1982	0.16	13.09	7.46	10.95	31.14	32.43	15.88	12.23	11.65	12.46	17.79	18.46	21.45	11.06	13.10	12.97	16.05	22.01	12.76	12.70	16.89	13.31	15.80	18.17	18.41	18.37	14.93	9.19	7.75	6.52									
1983	0.16	0.76	2.00	18.61	28.35	12.15	9.56	11.47	13.87	23.00	24.70	26.96	11.94	14.64	13.49	16.76	21.79	12.62	11.85	15.31	17.97	17.53	19.39	19.72	20.06	18.49	12.08	10.28	8.73	7.43									
1984	0.11	1.33	19.27	26.69	12.55	10.05	10.78	11.15	17.11	18.88	20.34	8.56	9.68	8.76	9.30	9.82	5.88	5.38	5.88	5.99	14.54	21.32	21.72	22.06	20.75	15.49	13.52	11.50	9.80	8.28									
1985	0.19	9.34	21.67	9.86	8.16	10.39	12.75	22.38	24.14	23.97	9.01	11.03	9.68	11.03	11.61	6.70	6.25	7.40	7.25	13.51	20.91	21.31	21.67	20.36	15.57	15.51	13.71	11.77	9.91	8.21									
1986	0.43	3.17	2.44	3.01	4.28	5.21	13.84	26.22	25.40	7.59	11.75	9.93	15.67	17.05	8.98	10.88	14.69	16.21	15.86	19.68	20.65	20.79	19.67	12.57	12.36	12.46	11.27	10.31	8.54	7.25									
1987	0.29	0.98	1.79	3.00	3.72	9.46	20.23	21.28	6.75	10.43	9.03	15.05	17.45	9.23	11.76	16.65	20.37	17.19	18.70	17.91	18.73	16.93	9.38	9.11	9.31	9.29	8.58	7.12	6.03	5.10									
1988	0.21	1.10	2.73	4.29	14.01	27.09	26.31	7.96	12.02	10.11	15.64	17.28	9.69	11.41	15.01	16.52	15.71	17.78	18.09	18.40	17.37	12.33	11.69	11.50	11.96	12.88	11.04	9.39	8.01	6.84									
1989	0.18	1.44	3.53	13.43	28.05	27.39	7.99	12.17	10.06	16.03	17.95	10.05	11.92	16.48	17.81	18.57	17.11	16.77	17.61	16.45	11.58	10.61	10.46	10.79	11.67	11.41	10.04	8.54	7.27	6.17									
1990	0.20	1.52	9.46	29.93	29.69	8.45	12.77	10.18	16.46	18.72	9.98	12.40	17.47	19.60	17.00	16.43	16.22	16.74	15.68	9.71	8.99	8.85	9.25	10.48	10.46	10.42	9.15	7.78	6.60	5.59									
1991	0.20	3.76	23.60	28.97	7.74	12.66	10.33	17.86	20.19	10.26	13.65	19.47	23.03	19.01	17.42	15.91	16.42	15.02	8.67	8.37	8.55	8.87	9.70	9.64	9.83	9.74	8.51	7.22	6.12	5.19									
1992	0.31	6.45	15.20	6.14	10.38	9.32	17.64	21.34	10.15	14.95	22.16	29.99	22.25	17.85	13.97	14.19	12.14	5.98	5.71	5.84	5.95	6.24	6.25	6.36	6.47	6.42	5.60	4.74	4.01	3.39									
1993	0.73	4.11	3.85	7.13	7.46	12.98	17.10	9.95	14.52	22.27	35.73	25.84	16.69	10.94	11.30	8.48	3.97	3.58	3.40	3.46	3.92	4.02	4.09	4.16	4.24	4.21	3.67	3.10	2.62	2.21									
1994	0.32	2.14	6.87	6.64	12.92	15.94	9.40	14.05	21.03	33.78	24.86	15.52	9.70	10.04	7.29	3.50	3.35	3.35	3.41	3.57	3.58	3.65	3.71	3.77	3.84	3.76	3.23	2.72	2.29	1.93									
1995	1.38	7.19	6.34	15.22	18.11	9.34	15.02	22.25	31.55	25.73	20.49	16.15	16.18	12.56	5.86	5.10	5.14	5.25	5.61	5.64	5.74	5.84	5.94	6.05	6.15	6.10	5.33	4.51	3.81	3.22									
1996	0.33	2.54	11.71	16.27	8.33	14.66	22.45	33.04	31.64	27.33	19.67	20.72	15.49	7.12	5.77	5.19	5.21	5.68	5.77	5.87	5.97	6.08	6.19	6.30	6.42	6.34	5.51	4.65	3.93	3.32									
1997	0.48	8.10	15.24	7.48	14.35	22.41	32.97	30.89	28.72	22.16	23.80	18.36	8.41	6.70	5.99	5.62	5.98	6.07	6.18	6.29	6.41	6.53	6.66	6.78	6.90	6.86	6.00	5.08	4.29	3.63									
1998	0.68	4.68	5.24	11.43	19.30	35.04	31.63	24.47	16.91	18.43	13.39	6.63	5.60	5.04	4.66	4.49	4.45	4.51	4.60	4.69	4.78	4.87	4.96	5.05	5.15	5.13	4.50	3.80	3.21	2.71									
1999	0.39	2.48	12.45	21.27	34.89	30.65	22.40	15.62	17.59	12.93	6.78	5.84	5.29	4.89	4.60	4.27	4.28	4.36	4.45	4.53	4.62	4.70	4.79	4.88	4.97	4.89	4.22	3.56	3.01	2.53									
2000	0.53	23.75	32.40	36.24	32.73	32.10	26.61	29.90	25.60	12.75	10.20	9.33	8.63	8.38	7.78	7.30	7.33	7.46	7.60	7.73	7.87	8.00	8.15	8.29	8.44	8.33	7.25	6.14	5.19	4.39									
2001	2.63	13.91	38.87	34.31	27.17	18.16	20.53	16.08	8.63	7.40	6.84	6.35	6.02	5.52	5.06	4.72	4.72	4.80	4.89	4.98	5.06	5.15	5.24	5.34	5.43	5.43	4.77	4.03	3.40	2.87									
2002	2.28	29.01	28.97	21.97	14.13	14.96	11.73	7.15	6.87	6.52	6.15	5.71	5.18	4.76	4.40	4.13	4.14	4.22	4.31	4.39	4.47	4.56	4.65	4.73	4.82	4.77	4.15	3.51	2.96	2.50									
2003	3.94	12.41	12.89	11.41	11.01	9.30	6.24	5.50	5.47	5.19	4.85	4.37	4.04	3.72	3.44	3.24	3.27	3.33	3.40	3.46	3.52	3.59	3.66	3.73	3.80	3.72	3.19	2.69	2.27	1.91									
2004	3.21	9.83	9.45	10.49	9.99	5.66	4.79	4.97	5.06	4.93	4.51	4.18	3.86	3.56	3.28	3.07	3.08	3.14	3.20	3.26	3.32	3.38	3.45	3.51	3.58	3.54	3.09	2.60	2.19	1.85									
2005	2.21	5.96	8.24	9.48	5.73	4.50	4.52	4.67	4.97	4.81	4.57	4.24	3.91	3.61	3.33	3.12	3.12	3.18	3.24	3.30	3.36	3.43	3.49	3.56	3.62	3.59	3.13	2.64	2.23	1.88									
2006	1.85	6.20	8.39	5.83	4.76	4.50	4.54	4.77	4.92	4.83	4.56	4.22	3.90	3.59	3.32	3.10	3.11	3.17	3.23	3.29	3.35	3.42	3.48	3.55	3.61	3.58	3.12	2.63	2.22	1.87									
2007	2.01	6.24	5.17	4.87	4.74	4.52	4.57	4.71	4.96	4.80	4.53	4.19	3.87	3.57	3.29	3.09	3.10	3.15	3.21	3.27	3.34	3.40	3.46	3.53	3.59	3.55	3.09	2.61	2.20	1.85									
2008	1.89	3.70	4.29	4.86	4.77	4.54	4.43	4.75	4.97	4.80	4.53	4.19	3.87	3.57	3.29	3.09	3.10	3.15	3.21	3.27	3.34	3.40	3.46	3.53	3.59	3.55	3.09	2.61	2.20	1.85									
2009	1.08	3.08	4.28	4.90	4.79	4.39	4.45	4.77	4.98	4.80	4.53	4.19	3.87	3.57	3.29	3.09	3.10	3.16	3.22	3.28	3.34	3.40	3.46	3.53	3.59	3.55	3.09	2.61	2.20	1.85									
2010	0.91	3.10	4.34	4.92	4.64	4.40	4.46	4.79	4.99	4.81	4.53	4.20	3.88	3.58	3.30	3.09	3.10	3.16	3.22	3.28	3.34	3.40	3.47	3.53	3.60	3.56	3.10	2.61	2.20	1.85									
2011	0.91	3.12	4.36	4.76	4.65	4.40	4.47	4.79	5.00	4.82	4.54	4.21	3.88	3.58	3.30	3.10	3.10	3.16	3.22	3.28	3.35	3.41	3.47	3.54	3.60	3.56	3.10	2.62	2.21	1.86									

Cumulative Claim Rates		Fixed Rate 30 Year Mortgages															by Credit Subsidy Endorsement Cohort													
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1975	0.03	0.75	2.07	3.00	3.58	3.92	4.13	4.29	4.47	4.60	4.73	4.84	4.96	5.09	5.23	5.35	5.45	5.54	5.62	5.67	5.71	5.73	5.75	5.76	5.77	5.78	5.79	5.79	5.80	5.80
1976	0.03	0.68	1.60	2.27	2.64	2.91	3.11	3.32	3.51	3.67	3.82	3.98	4.18	4.38	4.57	4.70	4.83	4.93	5.02	5.08	5.12	5.15	5.17	5.18	5.20	5.21	5.21	5.22	5.22	5.23
1977	0.01	0.40	1.04	1.49	1.83	2.10	2.39	2.61	2.83	3.05	3.28	3.58	3.86	4.11	4.31	4.46	4.59	4.69	4.76	4.82	4.86	4.89	4.90	4.92	4.93	4.94	4.94	4.95	4.96	4.96
1978	0.01	0.30	0.88	1.48	1.97	2.51	2.98	3.45	3.91	4.40	4.98	5.47	5.88	6.20	6.46	6.65	6.82	6.94	7.02	7.08	7.12	7.15	7.17	7.19	7.20	7.21	7.22	7.23	7.23	7.23
1979	0.01	0.23	1.00	1.79	2.73	3.59	4.50	5.41	6.40	7.49	8.40	9.12	9.68	10.13	10.47	10.74	10.94	11.06	11.16	11.22	11.26	11.29	11.32	11.33	11.35	11.36	11.36	11.37	11.37	11.37
1980	0.00	0.52	1.84	3.65	5.34	7.05	8.70	10.47	12.16	13.39	14.26	14.92	15.45	15.86	16.16	16.38	16.51	16.62	16.69	16.74	16.78	16.80	16.82	16.83	16.84	16.85	16.85	16.85	16.85	16.85
1981	0.02	1.21	4.93	8.30	11.63	14.46	16.95	18.78	19.81	20.49	20.99	21.33	21.61	21.81	21.96	22.06	22.13	22.21	22.25	22.28	22.30	22.31	22.33	22.33	22.34	22.34	22.34	22.34	22.34	22.34
1982	0.03	1.23	4.00	7.43	10.88	13.89	16.12	17.39	18.11	18.55	18.91	19.14	19.33	19.48	19.55	19.63	19.69	19.72	19.75	19.77	19.79	19.80	19.80	19.81	19.81	19.81	19.81	19.81	19.81	19.81
1983	0.01	0.42	2.08	4.46	7.34	10.24	12.36	13.68	14.61	15.32	15.80	16.17	16.42	16.56	16.68	16.78	16.85	16.89	16.92	16.94	16.96	16.97	16.97	16.98	16.98	16.98	16.98	16.98	16.98	16.98
1984	0.02	0.84	3.74	7.78	11.69	14.44	16.06	17.12	17.93	18.51	18.94	19.21	19.42	19.59	19.70	19.78	19.85	19.89	19.92	19.94	19.96	19.97	19.98	19.98	19.98	19.99	19.99	19.99	19.99	19.99
1985	0.01	0.71	3.40	7.20	10.16	12.18	13.68	14.79	15.61	16.18	16.58	16.83	17.03	17.20	17.30	17.39	17.45	17.48	17.51	17.54	17.56	17.57	17.57	17.58	17.58	17.58	17.58	17.58	17.58	17.58
1986	0.01	0.47	2.13	4.17	5.99	7.53	8.83	9.85	10.67	11.29	11.73	12.11	12.40	12.61	12.76	12.85	12.91	12.96	13.00	13.03	13.04	13.04	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
1987	0.02	0.42	1.54	2.85	4.16	5.39	6.44	7.32	8.00	8.54	9.01	9.39	9.68	9.88	9.99	10.08	10.15	10.21	10.24	10.26	10.26	10.27	10.27	10.27	10.27	10.27	10.27	10.28	10.28	10.28
1988	0.01	0.33	1.36	2.79	4.36	5.70	6.85	7.73	8.37	8.90	9.32	9.64	9.86	10.00	10.10	10.17	10.24	10.28	10.30	10.30	10.31	10.31	10.32	10.32	10.32	10.32	10.32	10.32	10.32	10.32
1989	0.01	0.29	1.37	2.91	4.45	5.80	6.82	7.59	8.23	8.71	9.06	9.31	9.46	9.57	9.66	9.74	9.79	9.81	9.83	9.83	9.84	9.84	9.84	9.84	9.84	9.84	9.84	9.84	9.84	9.84
1990	0.01	0.28	1.35	2.88	4.31	5.35	6.09	6.74	7.23	7.58	7.83	7.98	8.09	8.18	8.26	8.32	8.34	8.36	8.37	8.37	8.37	8.37	8.38	8.38	8.38	8.38	8.38	8.38	8.38	8.38
1991	0.01	0.27	1.31	2.62	3.75	4.62	5.39	6.00	6.43	6.75	6.94	7.07	7.17	7.28	7.35	7.38	7.40	7.41	7.42	7.42	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43
1992	0.00	0.20	0.92	1.88	2.78	3.72	4.54	5.16	5.60	5.88	6.08	6.22	6.37	6.47	6.52	6.55	6.56	6.57	6.58	6.58	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59
1993	0.01	0.17	0.76	1.59	2.60	3.58	4.37	4.95	5.32	5.58	5.78	5.97	6.09	6.15	6.18	6.20	6.21	6.22	6.23	6.23	6.24	6.24	6.24	6.24	6.25	6.25	6.25	6.25	6.25	6.25
1994	0.00	0.18	0.84	1.95	3.20	4.29	5.08	5.58	5.96	6.25	6.47	6.60	6.67	6.70	6.73	6.75	6.77	6.78	6.78	6.79	6.79	6.79	6.79	6.80	6.80	6.80	6.80	6.80	6.80	6.80
1995	0.00	0.23	1.22	2.86	4.42	5.63	6.45	7.03	7.55	7.92	8.13	8.23	8.28	8.31	8.34	8.36	8.37	8.38	8.38	8.39	8.39	8.39	8.39	8.39	8.39	8.40	8.40	8.40	8.40	8.40
1996	0.00	0.25	1.41	3.07	4.52	5.58	6.37	7.06	7.61	7.93	8.08	8.15	8.20	8.23	8.25	8.27	8.28	8.29	8.30	8.30	8.31	8.31	8.31	8.31	8.31	8.31	8.32	8.32	8.32	8.32
1997	0.00	0.29	1.41	2.88	4.06	5.10	6.00	6.74	7.15	7.34	7.44	7.49	7.53	7.56	7.58	7.60	7.61	7.62	7.63	7.63	7.63	7.63	7.64	7.64	7.64	7.64	7.64	7.64	7.64	7.64
1998	0.00	0.25	1.26	2.42	3.57	4.71	5.57	6.01	6.23	6.35	6.44	6.50	6.55	6.59	6.62	6.65	6.66	6.68	6.69	6.69	6.70	6.70	6.70	6.70	6.71	6.71	6.71	6.71	6.71	6.71
1999	0.00	0.29	1.29	2.68	4.25	5.37	5.85	6.08	6.22	6.31	6.39	6.45	6.49	6.53	6.56	6.58	6.60	6.61	6.62	6.62	6.63	6.63	6.63	6.64	6.64	6.64	6.64	6.64	6.64	6.64
2000	0.01	0.38	1.88	3.98	5.51	6.13	6.39	6.51	6.57	6.61	6.64	6.66	6.68	6.69	6.70	6.71	6.72	6.72	6.72	6.72	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73	6.73
2001	0.00	0.39	1.99	3.79	4.68	5.13	5.35	5.48	5.57	5.65	5.71	5.76	5.80	5.83	5.85	5.87	5.89	5.90	5.91	5.91	5.92	5.92	5.92	5.92	5.92	5.92	5.92	5.92	5.92	5.93
2002	0.00	0.44	2.00	3.14	3.82	4.25	4.52	4.71	4.85	4.97	5.07	5.15	5.21	5.26	5.30	5.33	5.35	5.37	5.38	5.39	5.40	5.40	5.41	5.41	5.41	5.41	5.41	5.42	5.42	5.42
2003	0.01	0.75	2.23	3.38	4.20	4.78	5.16	5.40	5.59	5.76	5.91	6.03	6.12	6.19	6.25	6.30	6.34	6.37	6.38	6.40	6.41	6.42	6.42	6.43	6.43	6.43	6.43	6.44	6.44	6.44
2004	0.04	0.90	2.29	3.51	4.45	5.16	5.58	5.89	6.13	6.33	6.49	6.62	6.72	6.81	6.88	6.93	6.97	7.01	7.03	7.04	7.06	7.07	7.07	7.08	7.08	7.08	7.09	7.09	7.09	7.09
2005	0.10	1.10	2.68	4.06	5.16	5.90	6.47	6.91	7.22	7.44	7.63	7.78	7.90	8.00	8.08	8.14	8.19	8.23	8.25	8.27	8.29	8.30	8.30	8.31	8.31	8.32	8.32	8.32	8.32	8.33
2006	0.09	0.90	2.24	3.50	4.42	5.18	5.76	6.20	6.49	6.71	6.90	7.06	7.19	7.30	7.38	7.45	7.50	7.54	7.57	7.59	7.60	7.61	7.62	7.63	7.63	7.63	7.64	7.64	7.64	7.65
2007	0.07	0.77	1.98	3.02	3.95	4.72	5.32	5.72	6.00	6.24	6.44	6.61	6.74	6.85	6.94	7.01	7.07	7.11	7.13	7.16	7.17	7.18	7.19	7.20	7.20	7.20	7.21	7.21	7.21	7.22
2008	0.06	0.71	1.76	2.82	3.77	4.56	5.15	5.56	5.85	6.10	6.31	6.48	6.62	6.74	6.83	6.90	6.96	7.00	7.03	7.05	7.07	7.08	7.09	7.10	7.10	7.11	7.11	7.11	7.11	7.12
2009	0.06	0.62	1.66	2.72	3.67	4.44	5.04	5.45	5.75	5.99	6.21	6.39	6.53	6.65	6.74	6.82	6.87	6.92	6.95	6.97	6.98	7.00	7.01	7.01	7.02	7.02	7.02	7.03	7.03	7.03
2010	0.05	0.59	1.61	2.67	3.58	4.35	4.94	5.35	5.65	5.90	6.11	6.29	6.43	6.55	6.65	6.72	6.78	6.82	6.85	6.87	6.89	6.90	6.91	6.92	6.92	6.93	6.93	6.93	6.94	6.94
2011	0.05	0.58	1.60	2.60	3.52	4.29	4.89	5.30	5.60	5.85	6.07	6.25	6.39	6.51	6.60	6.68	6.74	6.78	6.81	6.83	6.85	6.86	6.87	6.88	6.88	6.89	6.89	6.89	6.90	6.90

Cumulative Prepayment Rates			Fixed Rate 30 Year Mortgages										by Credit Subsidy Endorsement Cohort																											
Policy/Boo	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30										
1975	0.13	1.76	8.41	18.16	26.15	29.80	31.61	32.43	34.63	36.80	39.00	42.52	46.87	49.86	52.38	54.80	57.13	60.13	63.88	67.53	70.19	72.67	74.95	77.49	79.98	82.55	84.27	85.96	87.74	88.68										
1976	0.15	2.68	9.87	17.48	21.12	22.89	23.61	26.03	28.43	30.94	35.07	40.10	43.52	46.51	49.38	52.02	55.39	59.67	63.95	66.54	69.76	72.43	75.32	78.20	80.27	82.81	84.80	86.71	88.15	89.03										
1977	0.19	2.64	8.19	11.32	12.88	13.56	15.78	18.01	20.49	25.10	30.90	34.85	38.23	41.59	44.64	48.47	53.35	58.45	61.45	64.89	68.33	71.87	75.39	77.74	79.99	82.90	85.28	87.08	88.16	88.80										
1978	0.14	1.71	3.33	4.48	5.29	7.02	8.80	10.86	15.59	22.36	26.97	30.98	34.92	38.52	43.40	50.21	57.00	60.09	63.77	67.00	70.80	74.41	76.59	78.59	80.90	83.46	85.30	86.61	87.34	87.97										
1979	0.10	0.55	1.07	1.45	2.65	4.05	5.79	10.52	18.17	22.96	27.11	31.27	35.13	41.95	50.94	58.67	61.51	64.86	67.65	70.88	74.13	75.89	77.50	79.26	81.05	82.68	83.84	84.68	85.27	85.66										
1980	0.24	1.04	1.35	3.31	5.52	8.49	20.70	35.17	40.44	44.08	47.74	51.60	57.56	63.03	67.60	69.26	71.10	72.60	74.23	75.84	76.87	77.64	78.45	79.23	79.97	80.63	81.07	81.40	81.60	81.71										
1981	0.12	0.74	14.97	21.25	28.20	44.09	55.86	59.55	61.75	63.49	65.05	67.08	69.03	70.84	71.60	72.33	73.00	73.72	74.57	74.96	75.39	75.69	75.97	76.26	76.55	76.78	76.94	77.04	77.09	77.13										
1982	0.16	13.23	19.62	27.98	48.10	61.40	65.32	67.59	69.34	70.91	72.78	74.32	75.72	76.27	76.82	77.29	77.79	78.34	78.59	78.80	79.04	79.20	79.36	79.51	79.64	79.74	79.81	79.84	79.87	79.89										
1983	0.16	0.92	2.89	20.57	41.83	48.00	51.99	56.08	60.28	66.05	70.65	74.30	75.44	76.63	77.55	78.52	79.54	80.00	80.37	80.78	81.19	81.52	81.81	82.05	82.24	82.39	82.47	82.52	82.57	82.60										
1984	0.11	1.44	20.27	40.56	47.04	51.19	54.90	58.13	62.37	66.09	69.22	70.24	71.26	72.07	72.85	73.58	73.97	74.30	74.65	74.97	75.71	76.63	77.37	77.96	78.38	78.64	78.82	78.96	79.06	79.14										
1985	0.19	9.51	28.96	35.63	40.30	45.45	50.85	58.79	65.17	69.78	71.04	72.41	73.45	74.50	75.46	75.95	76.36	76.82	77.24	77.94	78.89	79.65	80.25	80.69	80.96	81.19	81.36	81.48	81.57	81.64										
1986	0.43	3.58	5.93	8.70	12.43	16.68	27.17	43.95	55.69	58.24	61.82	64.44	68.12	71.44	72.87	74.43	76.30	78.05	79.48	80.96	82.20	83.19	83.93	84.31	84.64	84.92	85.15	85.34	85.47	85.58										
1987	0.29	1.27	3.03	5.89	9.29	17.47	33.08	45.95	49.10	53.58	57.00	62.12	67.09	69.23	71.69	74.74	77.83	79.90	81.75	83.18	84.41	85.31	85.73	86.09	86.43	86.73	86.99	87.19	87.34	87.46										
1988	0.21	1.31	4.00	8.06	20.55	40.89	54.94	57.98	62.11	65.09	69.16	72.88	74.57	76.35	78.40	80.30	81.80	83.21	84.39	85.37	86.12	86.56	86.93	87.24	87.53	87.81	88.02	88.17	88.29	88.39										
1989	0.18	1.62	5.08	17.65	39.93	55.17	58.29	62.53	65.54	69.74	73.61	75.35	77.18	79.38	81.35	83.02	84.26	85.26	86.12	86.79	87.18	87.50	87.78	88.03	88.28	88.50	88.66	88.79	88.89	88.97										
1990	0.20	1.72	10.98	37.22	55.00	58.44	63.06	66.20	70.66	74.80	76.56	78.49	80.86	83.02	84.52	85.71	86.68	87.51	88.16	88.50	88.78	89.03	89.27	89.52	89.74	89.93	90.09	90.21	90.30	90.37										
1991	0.20	3.95	26.55	47.45	51.32	57.00	60.97	66.98	72.43	74.60	77.15	80.25	83.17	85.00	86.35	87.35	88.22	88.87	89.20	89.48	89.74	89.99	90.24	90.47	90.67	90.86	91.00	91.12	91.21	91.28										
1992	0.31	6.74	20.88	25.69	33.21	39.18	49.25	59.11	62.74	67.47	73.38	79.54	82.71	84.66	85.90	86.97	87.76	88.10	88.40	88.70	88.98	89.25	89.51	89.76	90.00	90.22	90.39	90.54	90.65	90.75										
1993	0.73	4.81	8.47	14.94	21.17	31.07	42.25	47.56	54.46	63.42	74.49	79.59	82.00	83.30	84.50	85.29	85.62	85.92	86.18	86.45	86.73	87.02	87.29	87.56	87.82	88.07	88.28	88.45	88.59	88.70										
1994	0.32	2.46	9.15	15.13	25.84	37.15	42.66	50.00	59.34	71.06	76.70	79.31	80.68	81.95	82.78	83.14	83.48	83.81	84.13	84.46	84.77	85.08	85.38	85.67	85.96	86.23	86.46	86.64	86.79	86.92										
1995	1.38	8.47	14.25	27.12	39.80	45.01	52.42	61.57	71.48	76.87	79.99	81.91	83.50	84.54	84.95	85.30	85.62	85.94	86.26	86.56	86.85	87.13	87.39	87.65	87.89	88.12	88.30	88.45	88.57	88.67										
1996	0.33	2.86	14.20	27.93	33.68	42.74	54.34	67.32	75.43	80.06	82.42	84.39	85.55	85.99	86.32	86.61	86.87	87.15	87.41	87.66	87.90	88.13	88.35	88.56	88.76	88.95	89.10	89.22	89.32	89.40										
1997	0.48	8.54	22.43	28.13	38.03	51.01	65.48	74.29	79.74	82.65	85.03	86.41	86.92	87.29	87.60	87.87	88.14	88.40	88.65	88.88	89.11	89.32	89.52	89.71	89.90	90.07	90.20	90.31	90.40	90.47										
1998	0.68	5.32	10.27	20.38	35.28	56.71	68.91	75.16	78.34	81.19	82.86	83.57	84.12	84.59	85.00	85.38	85.73	86.08	86.41	86.73	87.05	87.35	87.65	87.93	88.21	88.47	88.69	88.86	89.00	89.12										
1999	0.39	2.86	14.92	32.74	55.27	67.68	73.71	76.91	79.90	81.69	82.51	83.16	83.71	84.18	84.61	84.99	85.35	85.70	86.04	86.38	86.70	87.01	87.32	87.61	87.90	88.17	88.38	88.56	88.71	88.82										
2000	0.53	24.16	48.61	66.55	76.20	82.07	85.21	87.72	89.20	89.74	90.11	90.41	90.67	90.89	91.08	91.24	91.39	91.53	91.66	91.79	91.91	92.02	92.12	92.21	92.30	92.38	92.45	92.50	92.54	92.57										
2001	2.63	16.17	48.60	65.55	73.88	77.77	81.28	83.43	84.39	85.13	85.76	86.31	86.78	87.19	87.54	87.86	88.15	88.44	88.72	88.98	89.24	89.49	89.73	89.96	90.19	90.40	90.57	90.72	90.83	90.92										
2002	2.28	30.62	50.59	61.01	66.07	70.58	73.53	75.10	76.49	77.70	78.77	79.69	80.48	81.16	81.76	82.29	82.80	83.30	83.79	84.27	84.73	85.18	85.62	86.04	86.45	86.84	87.16	87.42	87.64	87.81										
2003	3.94	15.85	26.61	34.73	41.54	46.59	49.62	52.11	54.43	56.51	58.34	59.90	61.28	62.49	63.57	64.55	65.50	66.44	67.36	68.27	69.16	70.04	70.90	71.75	72.58	73.36	74.00	74.53	74.96	75.32										
2004	3.21	12.72	20.88	28.94	35.69	39.08	41.75	44.37	46.88	49.20	51.21	52.97	54.53	55.91	57.14	58.24	59.32	60.37	61.42	62.45	63.46	64.46	65.44	66.41	67.35	68.26	69.02	69.64	70.15	70.57										
2005	2.21	8.03	15.52	23.27	27.43	30.47	33.34	36.15	38.98	41.57	43.90	45.96	47.77	49.37	50.79	52.07	53.31	54.53	55.74	56.93	58.10	59.25	60.39	61.50	62.59	63.64	64.52	65.23	65.82	66.31										
2006	1.85	7.94	15.59	20.37	24.00	27.22	30.29	33.34	36.32	39.08	41.55	43.72	45.64	47.34	48.84	50.20	51.52	52.82	54.10	55.36	56.60	57.83	59.03	60.21	61.37	62.48	63.41	64.18	64.80	65.31										
2007	2.01	8.12	12.83	16.98	20.77	24.17	27.42	30.59	33.75	36.64	39.22	41.50	43.51	45.29	46.86	48.29	49.67	51.04	52.38	53.71	55.01	56.30	57.56	58.81	60.03	61.19	62.17	62.97	63.62	64.16										
2008	1.89	5.51	9.54	13.85	17.82	21.38	24.66	27.99	31.30	34.31	37.01	39.39	41.48	43.3																										

Conditional Claim Rates			Fixed Rate 30 Year Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																										
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
1986	0.00	0.06	0.80	1.70	1.83	1.59	1.53	1.29	1.55	1.55	1.22	1.22	0.91	1.08	0.75	0.48	0.29	0.43	0.59	0.34	0.15	0.08	0.08	0.09	0.08	0.06	0.06	0.06	0.06	0.06									
1987	0.01	0.49	1.32	1.66	1.71	1.70	1.45	1.50	1.39	1.25	1.07	0.93	0.74	0.61	0.30	0.28	0.27	0.27	0.27	0.20	0.12	0.07	0.07	0.07	0.06	0.05	0.05	0.04	0.04	0.04									
1988	0.01	0.88	2.22	2.84	2.74	2.59	2.55	2.68	2.05	1.90	1.64	1.36	0.99	0.70	0.46	0.47	0.93	0.54	0.25	0.10	0.08	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.07									
1989	0.05	1.17	2.84	2.85	3.27	3.38	3.70	2.42	2.23	1.82	1.58	0.64	0.48	0.72	0.42	1.36	0.85	0.39	0.16	0.12	0.11	0.10	0.10	0.10	0.09	0.08	0.08	0.08	0.08	0.08									
1990	0.02	0.65	1.78	2.21	2.37	2.77	2.11	1.77	1.36	1.29	1.03	0.78	0.29	0.35	0.74	0.64	0.37	0.21	0.15	0.12	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07									
1991	0.01	0.40	1.37	1.93	1.96	1.54	1.67	1.06	1.14	0.96	0.55	0.26	0.32	0.86	0.77	0.54	0.32	0.23	0.18	0.12	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06									
1992	0.00	0.22	0.66	0.87	0.99	0.92	0.85	0.88	0.68	0.47	0.31	0.28	0.64	0.62	0.49	0.36	0.25	0.18	0.10	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04									
1993	0.00	0.17	0.60	0.87	1.22	1.16	0.97	0.76	0.41	0.34	0.28	0.66	0.56	0.40	0.25	0.19	0.15	0.09	0.06	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02									
1994	0.01	0.29	0.71	0.99	1.06	0.92	0.72	0.48	0.38	0.31	0.50	0.44	0.32	0.22	0.18	0.15	0.10	0.06	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02									
1995	0.04	0.35	1.12	1.65	1.55	1.47	0.97	0.62	0.66	1.00	0.96	0.70	0.49	0.42	0.41	0.31	0.20	0.13	0.09	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04									
1996	0.01	0.39	1.25	1.60	1.52	0.94	0.76	0.86	1.17	1.16	0.96	0.65	0.53	0.52	0.41	0.33	0.24	0.17	0.10	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05									
1997	0.01	0.43	1.22	1.63	1.17	1.04	0.97	1.44	1.23	1.02	0.77	0.65	0.65	0.51	0.42	0.37	0.27	0.16	0.11	0.08	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05									
1998	0.00	0.15	0.65	0.72	0.70	0.83	1.29	1.08	0.69	0.53	0.51	0.50	0.42	0.36	0.32	0.28	0.18	0.12	0.08	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04									
1999	0.01	0.21	0.52	0.69	0.95	1.36	1.15	0.69	0.48	0.45	0.46	0.40	0.36	0.32	0.27																								

Conditional Prepayment Rates			Fixed Rate 30 Year Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																	
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1986	0.04	1.37	1.98	2.44	3.08	3.62	11.10	26.77	25.81	6.88	11.56	10.15	16.38	18.72	10.00	12.91	16.33	19.20	11.40	12.35	12.70	14.33	12.37	6.38	6.16	6.15	6.25	7.02	7.33	7.32
1987	0.46	1.86	2.15	2.94	3.36	8.11	20.22	22.49	6.17	9.99	8.84	15.69	19.16	10.40	12.73	18.73	22.80	19.89	16.87	13.82	13.03	11.06	5.28	5.17	5.24	5.22	5.52	5.80	5.80	5.79
1988	1.74	7.00	7.24	7.84	19.03	29.99	29.93	9.05	13.22	11.10	14.96	17.79	10.33	10.92	14.37	17.26	12.14	13.33	14.22	15.24	12.77	7.63	7.43	7.30	7.36	7.85	8.23	8.22	8.22	8.22
1989	4.76	14.14	13.71	25.67	32.77	32.42	11.31	15.08	11.59	16.56	15.66	10.28	10.66	13.88	14.57	11.70	12.71	13.68	14.55	12.13	7.13	6.99	6.94	6.94	7.26	7.70	7.74	7.74	7.73	7.73
1990	3.77	16.47	29.48	38.00	36.17	11.90	15.79	12.29	18.33	18.78	10.11	10.99	15.31	18.84	24.78	20.77	17.65	15.39	12.78	6.92	6.44	6.38	6.45	6.94	7.31	7.25	7.23	7.22	7.21	7.21
1991	1.92	29.33	43.83	38.77	10.76	17.26	13.49	18.85	22.65	10.95	13.69	19.99	20.26	14.94	15.48	15.52	16.56	13.63	7.11	6.53	6.25	6.32	6.82	7.13	7.13	7.09	7.08	7.08	7.08	7.08
1992	2.21	23.11	28.67	7.75	12.59	10.08	19.81	23.64	10.59	14.82	25.15	32.98	26.65	21.57	16.92	15.69	12.40	5.33	4.89	4.65	4.44	4.72	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99
1993	2.74	11.24	5.69	8.85	8.20	14.88	19.40	9.85	15.24	24.70	39.55	32.74	22.72	15.59	14.89	10.75	4.13	3.35	2.87	2.69	3.03	3.27	3.27	3.26	3.26	3.26	3.26	3.26	3.26	3.25
1994	2.02	4.37	7.34	7.34	11.80	15.82	9.49	13.25	20.81	36.27	31.00	20.61	13.40	13.25	9.01	3.32	2.75	2.37	2.22	2.45	2.55	2.54	2.54	2.54	2.53	2.53	2.53	2.53	2.53	2.53
1995	1.57	11.39	8.21	18.84	21.67	10.33	16.98	24.92	35.61	31.74	28.13	22.85	21.49	16.36	7.01	5.74	5.27	5.05	5.24	5.20	4.96	4.87	4.86	4.85	4.84	4.78	4.77	4.76	4.75	4.75
1996	1.53	5.99	16.43	21.25	10.03	17.18	27.20	41.62	33.09	31.05	27.91	31.79	23.10	9.14	7.03	5.90	5.51	5.90	5.99	5.62	5.33	5.30	5.29	5.28	5.28	5.23	5.21	5.20	5.20	5.18
1997	2.06	22.87	24.35	9.61	18.48	28.96	41.89	33.91	32.11	30.44	36.80	28.35	11.69	9.13	7.74	6.91	7.20	7.30	6.86	6.44	6.09	6.01	6.01	6.01	6.00	5.99	6.01	6.01	6.01	6.00
1998	2.63	13.45	7.69	16.01	28.46	49.18	44.59	35.78	25.97	29.95	22.04	8.94	6.90	5.85	5.17	4.99	5.00	4.66	4.37	4.11	3.87	3.83	3.83	3.83	3.83	3.82	3.81	3.81	3.81	3.81
1999	2.10	5.83	13.38	23.96	44.56	40.59	30.10	21.42	23.47	16.94	7.51	6.13	5.35	4.73	4.31	4.11	3.82	3.58	3.36	3.15	3.02	3.02	3.02	3.02	3.02	3.01	3.01	3.01	3.01	3.00
2000	2.05	33.97	35.07	41.76	34.81	35.14	34.23	41.23	33.60	15.60	13.21	11.61	10.31	9.95	9.47	8.48	7.90	7.43	6.98	6.56	6.24	6.18	6.18	6.18	6.18	6.22	6.26	6.26	6.26	6.26
2001	4.32	27.60	51.45	46.85	34.16	25.32	28.90	22.04	9.33	8.07	7.75	7.02	6.50	6.17	5.39	4.78	4.43	4.16	3.90	3.66	3.47	3.43	3.43	3.42	3.42	3.42	3.43	3.43	3.42	3.42
2002	7.69	45.14	41.55	27.01	17.97	20.43	15.80	7.78	6.79	6.58	6.41	5.90	5.54	4.85	4.29	3.82	3.54	3.33	3.12	2.93	2.78	2.76	2.76	2.76	2.76	2.77	2.77	2.77	2.77	2.77
2003	10.83	32.84	18.33	13.23	12.26	10.98	7.93	10.04	9.31	9.13	9.02	8.48	7.51	6.64	5.86	5.23	4.88	4.58	4.30	4.03	3.85	3.83	3.83	3.83	3.83	3.84	3.84	3.84	3.84	3.84
2004	12.30	19.14	12.08	10.87	11.37	7.51	9.96	10.36	9.81	9.74	10.17	9.19	8.14	7.21	6.38	5.69	5.29	4.97	4.66	4.38	4.16	4.13	4.13	4.13	4.13	4.14	4.15	4.14	4.14	4.14
2005	7.48	10.36	9.59	10.46	6.78	8.83	9.54	9.91	9.75	10.57	10.29	9.26	8.20	7.26	6.43	5.75	5.36	5.03	4.72	4.43	4.23	4.20	4.20	4.20	4.20	4.21	4.22	4.21	4.21	4.21
2006	5.19	9.71	10.33	6.40	8.13	8.84	9.49	9.95	10.42	10.39	10.12	9.14	8.09	7.17	6.34	5.66	5.26	4.94	4.64	4.35	4.14	4.11	4.11	4.11	4.10	4.12	4.12	4.12	4.12	4.12
2007	4.99	10.35	6.53	8.14	8.35	9.08	9.71	10.91	10.60	10.46	10.17	9.17	8.12	7.19	6.36	5.68	5.29	4.96	4.66	4.37	4.17	4.14	4.13	4.13	4.13	4.14	4.15	4.15	4.15	4.15
2008	4.94	6.27	8.05	8.12	8.31	9.02	10.28	10.86	10.50	10.33	10.07	9.09	8.06	7.13	6.31	5.63	5.23	4.91	4.61	4.33	4.12	4.08	4.08	4.08	4.08	4.09	4.10	4.10	4.10	4.10
2009	3.10	7.88	8.13	8.15	8.35	9.66	10.31	10.89	10.51	10.33	10.06	9.09	8.05	7.13	6.31	5.63	5.23	4.91	4.61	4.33	4.11	4.08	4.08	4.08	4.08	4.09	4.10	4.10	4.10	4.09
2010	3.71	8.00	8.19	8.17	8.95	9.67	10.32	10.91	10.52	10.32	10.06	9.09	8.05	7.12	6.30	5.62	5.23	4.91	4.61	4.32	4.11	4.08	4.08	4.08	4.07	4.09	4.09	4.09	4.09	4.09
2011	3.70	8.06	8.20	8.73	8.93	9.65	10.30	10.88	10.50	10.31	10.05	9.08	8.04	7.12	6.30	5.62	5.22	4.90	4.60	4.32	4.11	4.07	4.07	4.07	4.07	4.08	4.09	4.09	4.09	4.09

Cumulative Claim Rates		Fixed Rate 30 Year Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																			
Policy\Book		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1986	0.00	0.06	0.84	2.47	4.14	5.53	6.80	7.74	8.54	9.13	9.55	9.92	10.16	10.40	10.53	10.61	10.65	10.70	10.75	10.78	10.79	10.79	10.80	10.80	10.80	10.81	10.81	10.81	10.81	10.82	
1987	0.01	0.50	1.78	3.34	4.87	6.31	7.42	8.33	8.96	9.48	9.89	10.20	10.41	10.55	10.60	10.65	10.69	10.72	10.74	10.75	10.75	10.75	10.76	10.76	10.76	10.76	10.77	10.77	10.77	10.77	
1988	0.01	0.88	2.89	5.21	7.22	8.70	9.69	10.38	10.85	11.23	11.50	11.70	11.81	11.88	11.92	11.96	12.02	12.05	12.06	12.06	12.06	12.07	12.07	12.07	12.07	12.08	12.08	12.08	12.08	12.08	
1989	0.05	1.16	3.45	5.37	6.94	7.98	8.71	9.11	9.42	9.64	9.79	9.85	9.88	9.93	9.95	10.01	10.05	10.06	10.06	10.07	10.07	10.07	10.07	10.08	10.08	10.08	10.08	10.08	10.08	10.08	
1990	0.02	0.64	2.07	3.28	4.05	4.61	4.98	5.23	5.39	5.52	5.60	5.65	5.67	5.69	5.72	5.74	5.75	5.75	5.75	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	5.76	
1991	0.01	0.40	1.34	2.07	2.51	2.81	3.08	3.22	3.35	3.42	3.46	3.48	3.50	3.53	3.56	3.57	3.58	3.58	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	
1992	0.00	0.22	0.71	1.17	1.65	2.04	2.35	2.61	2.77	2.86	2.91	2.95	3.00	3.04	3.06	3.07	3.08	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.10	3.10	3.10	3.10	3.10	
1993	0.00	0.17	0.68	1.39	2.28	3.05	3.59	3.92	4.08	4.20	4.27	4.37	4.42	4.45	4.47	4.48	4.49	4.49	4.49	4.49	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	
1994	0.01	0.30	0.96	1.81	2.65	3.28	3.69	3.94	4.10	4.21	4.32	4.39	4.43	4.45	4.47	4.48	4.49	4.49	4.49	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.51	4.51	4.51	4.51	
1995	0.04	0.39	1.37	2.67	3.64	4.35	4.76	4.97	5.14	5.31	5.41	5.47	5.50	5.52	5.53	5.55	5.55	5.56	5.56	5.56	5.56	5.56	5.56	5.56	5.57	5.57	5.57	5.57	5.57	5.57	
1996	0.01	0.39	1.55	2.76	3.65	4.14	4.46	4.72	4.92	5.06	5.13	5.17	5.19	5.20	5.22	5.22	5.23	5.23	5.23	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	
1997	0.01	0.44	1.36	2.27	2.85	3.26	3.53	3.76	3.89	3.96	4.00	4.02	4.03	4.04	4.05	4.05	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	
1998	0.00	0.15	0.70	1.25	1.70	2.08	2.37	2.50	2.56	2.59	2.61	2.62	2.63	2.64	2.65	2.66	2.66	2.66	2.66	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	
1999	0.01	0.21	0.69	1.24	1.81	2.25	2.47	2.56	2.60	2.64	2.67	2.69	2.71	2.73	2.74	2.75	2.76	2.76	2.76	2.76	2.76	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	
2000	0.01	0.26	0.96	1.87	2.64	3.03	3.20	3.25	3.28	3.29	3.31	3.32	3.32	3.33	3.33	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.35	
2001	0.00	0.16	0.96	2.05	2.40	2.53	2.58	2.61	2.63	2.65	2.66	2.67	2.68	2.69	2.69	2.70	2.70	2.70	2.70	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	
2002	0.01	0.32	1.14	1.48	1.66	1.76	1.83	1.88	1.92	1.95	1.98	2.00	2.02	2.03	2.04	2.05	2.06	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.08	2.08	2.08	2.08	2.08	
2003	0.01	0.62	1.08	1.41	1.64	1.82	2.01	2.17	2.28	2.38	2.47	2.53	2.57	2.61	2.65	2.67	2.69	2.70	2.71	2.72	2.72	2.73	2.73	2.73	2.73	2.73	2.74	2.74	2.74	2.75	
2004	0.05	0.49	1.13	1.65	2.06	2.51	2.92	3.20	3.38	3.52	3.62	3.70	3.76	3.82	3.86	3.90	3.92	3.94	3.95	3.96	3.96	3.96	3.97	3.97	3.98	3.98	3.98	3.99	3.99	3.99	
2005	0.13	1.07	2.09	2.98	4.02	4.91	5.56	5.98	6.22	6.35	6.47	6.57	6.65	6.72	6.77	6.81	6.84	6.86	6.87	6.88	6.89	6.89	6.90	6.90	6.91	6.91	6.92	6.92	6.93	6.93	
2006	0.09	0.76	1.68	2.90	4.07	4.92	5.54	5.95	6.13	6.27	6.40	6.50	6.59	6.66	6.71	6.76	6.79	6.81	6.82	6.83	6.84	6.84	6.85	6.86	6.86	6.86	6.87	6.87	6.88	6.88	
2007	0.07	0.70	1.99	3.40	4.49	5.28	5.87	6.17	6.34	6.48	6.61	6.71	6.80	6.86	6.92	6.97	7.00	7.02	7.03	7.04	7.05	7.05	7.06	7.06	7.07	7.07	7.08	7.08	7.09	7.09	
2008	0.07	0.91	2.43	3.81	4.87	5.65	6.13	6.43	6.60	6.75	6.88	6.98	7.07	7.14	7.20	7.24	7.27	7.30	7.31	7.32	7.33	7.33	7.34	7.34	7.35	7.35	7.36	7.36	7.37	7.37	
2009	0.10	1.10	2.60	3.93	4.96	5.58	6.05	6.35	6.52	6.66	6.79	6.90	6.98	7.05	7.11	7.15	7.19	7.21	7.22	7.23	7.24	7.24	7.25	7.25	7.26	7.26	7.27	7.27	7.28	7.28	
2010	0.11	1.07	2.50	3.79	4.61	5.22	5.68	5.97	6.14	6.28	6.40	6.51	6.59	6.66	6.72	6.77	6.80	6.82	6.83	6.84	6.85	6.85	6.86	6.86	6.87	6.87	6.88	6.88	6.89	6.89	
2011	0.10	1.03	2.45	3.49	4.31	4.92	5.38	5.67	5.84	5.98	6.11	6.21	6.30	6.37	6.42	6.47	6.50	6.52	6.54	6.54	6.55	6.56	6.56	6.57	6.57	6.58	6.58	6.59	6.59	6.59	

Cumulative Prepayment Rates			Fixed Rate 30 Year Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																										
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
1986	0.04	1.41	3.36	5.69	8.52	11.68	20.87	40.23	53.66	56.26	60.26	63.32	67.71	71.85	73.63	75.67	77.91	80.11	81.16	82.16	83.05	83.94	84.59	84.88	85.15	85.40	85.63	85.88	86.13	86.35									
1987	0.46	2.31	4.40	7.16	10.16	17.06	32.55	46.05	48.86	53.08	56.39	61.68	67.07	69.41	71.96	75.23	78.45	80.61	82.07	83.06	83.87	84.47	84.72	84.95	85.18	85.39	85.60	85.81	86.01	86.20									
1988	1.74	8.62	15.18	21.60	35.53	52.70	64.25	66.61	69.65	71.82	74.35	76.87	78.05	79.16	80.44	81.76	82.52	83.25	83.92	84.53	84.97	85.19	85.40	85.58	85.76	85.93	86.09	86.24	86.38	86.51									
1989	4.76	18.22	29.28	46.55	62.31	72.28	74.51	77.04	78.65	80.62	82.15	82.98	83.74	84.63	85.42	85.96	86.47	86.95	87.38	87.69	87.85	88.00	88.13	88.26	88.38	88.50	88.61	88.71	88.80	88.89									
1990	3.77	19.62	43.12	63.95	75.80	78.20	80.91	82.65	84.87	86.70	87.49	88.25	89.18	90.15	91.18	91.83	92.26	92.56	92.78	92.88	92.97	93.05	93.13	93.20	93.28	93.35	93.41	93.47	93.53	93.58									
1991	1.92	30.69	60.90	75.53	77.94	81.32	83.46	86.00	88.44	89.34	90.33	91.57	92.57	93.16	93.67	94.10	94.49	94.75	94.87	94.97	95.06	95.15	95.23	95.32	95.39	95.47	95.53	95.59	95.65	95.71									
1992	2.21	24.81	46.30	50.41	56.51	60.72	68.10	75.09	77.45	80.38	84.60	88.72	90.94	92.25	93.04	93.66	94.06	94.21	94.35	94.47	94.57	94.68	94.79	94.90	95.00	95.10	95.19	95.27	95.35	95.43									
1993	2.74	13.66	18.57	25.72	31.69	41.52	52.27	56.62	62.63	70.86	80.72	85.64	87.91	89.10	90.06	90.65	90.85	91.01	91.14	91.25	91.38	91.52	91.65	91.77	91.90	92.01	92.13	92.24	92.34	92.45									
1994	2.02	6.30	13.16	19.46	28.75	39.60	45.03	51.82	61.03	73.68	80.53	83.65	85.26	86.62	87.43	87.70	87.91	88.09	88.26	88.43	88.62	88.79	88.96	89.13	89.29	89.44	89.60	89.75	89.89	90.03									
1995	1.57	12.78	19.91	34.74	48.31	53.27	60.47	69.13	78.35	83.59	86.71	88.51	89.81	90.57	90.85	91.06	91.23	91.40	91.56	91.71	91.84	91.97	92.09	92.20	92.31	92.41	92.51	92.60	92.69	92.77									
1996	1.53	7.43	22.57	38.70	44.57	53.46	65.00	77.71	83.52	87.11	89.30	91.07	91.94	92.20	92.38	92.52	92.65	92.77	92.89	93.00	93.09	93.18	93.26	93.34	93.42	93.49	93.55	93.62	93.68	93.73									
1997	2.06	24.45	42.75	48.12	57.29	68.83	80.52	85.93	89.24	91.33	93.06	93.90	94.14	94.31	94.43	94.54	94.64	94.74	94.82	94.89	94.96	95.01	95.07	95.12	95.17	95.22	95.26	95.30	95.34	95.37									
1998	2.63	15.73	22.20	34.54	52.82	75.19	85.33	89.73	91.75	93.45	94.33	94.60	94.79	94.94	95.07	95.18	95.29	95.38	95.47	95.55	95.62	95.68	95.75	95.81	95.86	95.92	95.97	96.03	96.08	96.12									
1999	2.10	7.81	20.11	39.09	65.68	78.88	84.56	87.34	89.71	91.01	91.49	91.85	92.14	92.38	92.59	92.79	92.96	93.11	93.25	93.38	93.49	93.60	93.71	93.82	93.92	94.02	94.12	94.21	94.30	94.39									
2000	2.05	35.32	57.91	75.09	83.11	88.11	91.14	93.48	94.58	94.91	95.15	95.33	95.47	95.59	95.69	95.77	95.84	95.90	95.96	96.00	96.04	96.08	96.12	96.15	96.18	96.21	96.24	96.26	96.29	96.31									
2001	4.32	30.73	66.29	81.63	87.21	89.84	92.04	93.23	93.62	93.92	94.19	94.41	94.60	94.76	94.90	95.02	95.12	95.21	95.29	95.36	95.43	95.49	95.56	95.62	95.67	95.73	95.78	95.83	95.88	95.93									
2002	7.69	49.36	70.27	77.99	81.68	85.08	87.16	88.02	88.71	89.32	89.88	90.36	90.79	91.13	91.43	91.68	91.90	92.10	92.28	92.45	92.60	92.75	92.89	93.03	93.17	93.30	93.43	93.55	93.67	93.79									
2003	10.83	40.11	50.97	57.32	62.38	66.33	68.85	71.78	74.20	76.35	78.27	79.90	81.22	82.30	83.18	83.92	84.58	85.16	85.68	86.15	86.58	86.99	87.38	87.76	88.13	88.48	88.81	89.14	89.45	89.75									
2004	12.30	29.07	37.58	44.24	50.39	53.96	58.30	62.32	65.70	68.71	71.54	73.82	75.65	77.13	78.35	79.36	80.25	81.03	81.73	82.36	82.93	83.47	83.99	84.49	84.96	85.42	85.86	86.28	86.69	87.07									
2005	7.48	17.05	24.90	32.53	36.91	42.12	47.18	51.86	55.97	59.97	63.43	66.22	68.45	70.26	71.74	72.97	74.06	75.02	75.87	76.64	77.33	78.00	78.63	79.24	79.82	80.38	80.92	81.43	81.92	82.39									
2006	5.19	14.39	23.16	27.97	33.59	39.10	44.41	49.39	54.05	58.18	61.78	64.69	67.02	68.91	70.46	71.75	72.88	73.89	74.78	75.58	76.31	77.00	77.67	78.30	78.91	79.50	80.06	80.60	81.11	81.61									
2007	4.99	14.81	20.33	26.65	32.49	38.22	43.70	49.20	53.93	58.09	61.69	64.59	66.92	68.81	70.36	71.65	72.78	73.79	74.68	75.48	76.21	76.90	77.56	78.20	78.81	79.39	79.96	80.49	81.01	81.50									
2008	4.94	10.89	17.99	24.45	30.41	36.25	42.22	47.83	52.63	56.84	60.51	63.47	65.86	67.79	69.37	70.69	71.84	72.87	73.78	74.60	75.34	76.05	76.73	77.38	78.00	78.60	79.18	79.73	80.26	80.76									
2009	3.10	10.72	17.90	24.38	30.37	36.61	42.57	48.17	52.95	57.14	60.78	63.73	66.09	68.01	69.58	70.90	72.04	73.06	73.97	74.79	75.53	76.23	76.90	77.55	78.17	78.77	79.34	79.89	80.41	80.92									
2010	3.71	11.40	18.57	25.02	31.39	37.58	43.48	49.03	53.76	57.90	61.50	64.42	66.76	68.66	70.21	71.51	72.65	73.65	74.55	75.36	76.09	76.79	77.45	78.09	78.71	79.29	79.86	80.40	80.92	81.42									
2011	3.70	11.45	18.63	25.51	31.85	38.01	43.89	49.41	54.12	58.25	61.84	64.75	67.09	68.98	70.53	71.83	72.96	73.97	74.87	75.67	76.40	77.09	77.76	78.40	79.01	79.60	80.16	80.70	81.22	81.72									

Conditional Claim Rates			Fixed Rate 15 Year Mortgages							by Credit Subsidy Endorsement Cohort						
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1975	0.00	0.22	0.79	2.64	1.60	2.31	0.93	1.31	1.20	0.54	0.95	0.43	0.73	0.80	1.53	
1976	0.00	0.24	0.87	1.60	0.86	1.04	0.93	0.81	0.70	0.55	0.97	1.36	1.27	0.28	0.31	
1977	0.00	0.60	1.25	0.50	0.53	0.73	1.52	0.20	0.43	0.68	0.24	0.28	0.96	0.35	0.00	
1978	0.20	0.41	0.42	0.88	0.23	0.47	0.00	0.75	0.80	0.29	0.63	0.71	0.00	0.00	0.00	
1979	0.00	0.18	0.75	1.53	1.60	1.49	0.46	1.67	1.32	0.89	0.32	0.00	1.22	0.46	0.00	
1980	0.00	0.41	3.58	3.02	1.82	2.25	2.59	2.33	2.21	1.23	1.37	0.65	1.41	0.78	0.45	
1981	0.00	1.11	4.71	3.17	2.43	0.90	1.04	2.74	0.68	1.14	1.67	1.88	0.53	1.14	0.00	
1982	0.03	0.37	0.83	1.29	1.27	1.52	1.32	1.44	0.51	0.71	0.37	0.37	0.12	0.00	0.00	
1983	0.00	0.13	0.56	1.01	1.26	1.53	1.20	0.62	0.42	0.42	0.38	0.34	0.25	0.10	0.09	
1984	0.01	0.29	1.03	1.70	2.63	1.84	1.31	0.80	0.78	0.47	0.54	0.42	0.44	0.14	0.20	
1985	0.00	0.18	0.94	1.86	1.55	1.18	0.91	0.85	0.71	0.79	0.63	0.55	0.32	0.30	0.19	
1986	0.00	0.16	0.51	0.69	0.66	0.53	0.51	0.38	0.37	0.38	0.25	0.16	0.11	0.12	0.11	
1987	0.00	0.13	0.37	0.46	0.51	0.43	0.42	0.42	0.41	0.26	0.24	0.26	0.10	0.14	0.09	
1988	0.00	0.14	0.46	0.77	0.91	0.89	0.85	0.93	0.85	0.50	0.51	0.32	0.23	0.24	0.08	
1989	0.00	0.13	0.49	0.96	1.16	1.20	1.46	1.36	1.00	0.84	0.66	0.56	0.19	0.14	0.13	
1990	0.00	0.13	0.57	0.93	1.15	1.50	1.14	0.85	0.65	0.54	0.58	0.20	0.11	0.18	0.13	
1991	0.00	0.11	0.48	0.72	1.19	1.14	0.85	0.71	0.62	0.40	0.18	0.13	0.09	0.09	0.13	
1992	0.00	0.06	0.39	0.43	0.59	0.47	0.50	0.37	0.26	0.22	0.13	0.06	0.14	0.12	0.09	
1993	0.00	0.06	0.29	0.34	0.36	0.36	0.33	0.25	0.17	0.12	0.18	0.12	0.12	0.09	0.07	
1994	0.00	0.07	0.19	0.36	0.43	0.33	0.40	0.25	0.17	0.15	0.18	0.13	0.10	0.08	0.06	
1995	0.01	0.08	0.35	0.62	0.56	0.56	0.36	0.38	0.49	0.42	0.26	0.19	0.15	0.12	0.10	
1996	0.00	0.09	0.31	0.50	0.62	0.57	0.51	0.53	0.35	0.28	0.21	0.16	0.13	0.12	0.09	
1997	0.00	0.06	0.32	0.57	0.62	0.47	0.35	0.40	0.38	0.29	0.21	0.17	0.16	0.12	0.10	
1998	0.00	0.08	0.35	0.37	0.59	0.54	0.46	0.35	0.26	0.22	0.17	0.16	0.12	0.10	0.08	
1999	0.00	0.06	0.30	0.48	0.72	0.65	0.40	0.30	0.25	0.20	0.18	0.13	0.11	0.09	0.07	
2000	0.00	0.07	0.61	1.51	1.61	0.78	0.60	0.43	0.34	0.31	0.24	0.19	0.15	0.12	0.09	
2001	0.00	0.16	0.62	1.06	0.68	0.51	0.41	0.33	0.30	0.22	0.18	0.14	0.11	0.08	0.07	
2002	0.01	0.21	0.58	0.59	0.50	0.42	0.34	0.30	0.22	0.18	0.15	0.12	0.08	0.07	0.05	
2003	0.00	0.15	0.33	0.42	0.36	0.33	0.34	0.29	0.24	0.19	0.15	0.11	0.09	0.07	0.06	
2004	0.01	0.13	0.31	0.43	0.37	0.41	0.36	0.29	0.24	0.19	0.13	0.11	0.09	0.07	0.06	
2005	0.02	0.19	0.41	0.51	0.51	0.44	0.36	0.29	0.24	0.16	0.13	0.11	0.09	0.07	0.06	
2006	0.02	0.19	0.41	0.64	0.54	0.44	0.36	0.29	0.20	0.16	0.13	0.11	0.09	0.07	0.06	
2007	0.02	0.19	0.52	0.66	0.54	0.44	0.36	0.25	0.20	0.16	0.13	0.11	0.09	0.07	0.06	
2008	0.02	0.24	0.55	0.65	0.54	0.44	0.30	0.25	0.20	0.16	0.13	0.11	0.09	0.07	0.06	
2009	0.02	0.26	0.54	0.64	0.54	0.37	0.30	0.25	0.20	0.16	0.13	0.11	0.09	0.07	0.06	
2010	0.02	0.25	0.53	0.63	0.45	0.37	0.30	0.25	0.20	0.16	0.13	0.11	0.09	0.07	0.06	
2011	0.02	0.25	0.52	0.53	0.45	0.37	0.30	0.25	0.20	0.16	0.13	0.11	0.09	0.07	0.06	

Conditional Prepayment Rates				Fixed Rate 15 Year Mortgages				by Credit Subsidy Endorsement Cohort							
Policy/Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1975	0.55	2.20	5.30	7.56	5.75	4.91	4.20	3.44	3.61	4.16	11.20	10.37	8.96	11.53	14.98
1976	0.60	2.43	5.74	4.94	2.86	3.12	3.56	6.16	5.05	4.62	13.06	9.52	7.63	10.61	16.61
1977	0.88	4.17	4.69	4.98	3.16	3.47	5.14	3.88	5.96	5.68	13.59	11.27	7.96	9.79	16.34
1978	0.61	2.06	3.17	3.51	1.38	3.26	3.63	4.52	7.16	7.78	11.60	8.57	12.20	7.62	16.99
1979	0.37	1.10	1.68	3.06	4.21	5.32	3.88	7.64	9.74	7.99	12.01	9.26	10.20	11.52	12.57
1980	0.27	1.22	0.83	2.16	3.95	4.51	8.29	10.08	7.96	8.87	13.97	7.44	8.10	13.23	19.00
1981	0.48	0.80	8.12	5.03	7.10	13.23	13.05	8.51	8.90	7.95	9.58	8.92	7.37	9.71	9.62
1982	0.08	2.51	2.77	4.27	14.76	20.89	10.17	8.77	10.74	12.04	19.19	20.64	17.89	12.18	15.81
1983	0.16	0.99	2.15	10.53	20.70	9.68	8.39	9.89	11.54	20.82	21.49	19.85	11.96	14.88	18.98
1984	0.12	1.25	14.05	22.10	9.52	7.37	8.89	10.04	18.40	18.69	16.93	8.88	10.70	11.76	17.05
1985	0.22	7.79	19.55	8.27	7.20	8.71	10.78	21.71	22.18	19.27	9.08	10.27	11.31	13.00	15.47
1986	0.52	4.25	3.96	4.61	6.16	7.61	15.82	23.14	22.52	9.71	13.19	12.30	15.76	17.21	19.63
1987	0.59	1.90	2.96	4.57	5.42	10.44	17.86	19.57	9.13	12.36	11.57	15.10	17.86	16.36	32.01
1988	0.49	1.70	3.45	5.08	10.80	19.36	21.16	8.98	12.16	11.02	13.77	15.11	13.71	16.31	25.47
1989	0.25	1.92	3.76	10.80	21.06	22.15	9.17	12.27	10.69	14.58	15.58	11.80	13.85	17.90	23.14
1990	0.35	2.25	8.01	21.57	23.76	8.96	12.84	11.03	14.34	15.16	11.74	13.09	16.28	19.70	20.83
1991	0.43	3.52	16.05	22.59	9.04	12.70	11.66	15.58	17.61	12.01	13.35	17.64	20.58	19.44	21.77
1992	0.45	5.48	12.92	8.09	11.86	11.44	16.23	17.94	12.20	13.75	17.27	21.10	20.85	21.51	19.07
1993	0.65	4.53	5.35	8.60	9.22	12.63	15.81	10.57	12.68	16.44	20.55	20.84	18.97	14.16	16.31
1994	0.77	2.93	6.56	7.36	11.02	12.92	9.66	11.48	14.72	18.73	18.69	16.34	12.32	14.31	11.36
1995	0.94	5.56	6.99	12.79	14.08	9.09	12.78	14.90	16.65	17.67	20.61	18.51	20.10	18.16	11.41
1996	0.60	3.55	8.94	13.24	9.88	12.50	16.76	21.18	24.29	24.60	19.35	22.02	18.23	10.98	10.06
1997	0.58	5.72	11.52	8.40	12.46	17.78	21.84	24.55	25.69	21.04	23.95	20.57	12.46	11.24	10.60
1998	0.77	5.05	6.60	10.40	16.18	25.16	24.09	21.82	16.09	18.63	14.92	9.02	8.35	8.24	8.32
1999	0.49	3.28	9.44	16.50	25.94	23.22	19.39	14.44	16.24	13.01	8.03	7.24	7.22	7.29	7.35
2000	0.52	14.46	24.86	32.74	25.41	25.00	21.84	24.97	22.37	13.64	12.31	11.66	11.76	12.96	12.80
2001	1.33	10.67	31.65	26.51	20.38	15.67	17.58	14.41	8.85	7.90	7.85	7.92	8.02	7.71	7.75
2002	1.62	20.61	21.16	15.88	12.24	13.39	10.83	6.90	6.08	6.14	6.20	6.15	5.88	5.94	6.00
2003	2.79	9.00	9.63	8.30	8.41	7.35	5.27	5.11	5.17	5.22	5.19	4.95	5.00	5.06	5.11
2004	1.85	6.54	7.25	7.61	7.55	5.14	5.04	5.09	5.15	5.20	4.88	4.94	4.99	5.04	5.10
2005	1.30	4.59	6.83	7.17	5.07	4.99	5.04	5.10	5.15	4.83	4.89	4.94	5.00	5.05	5.10
2006	1.13	4.64	6.66	4.88	4.93	4.99	5.04	5.10	4.78	4.83	4.89	4.94	5.00	5.05	5.10
2007	1.19	4.55	4.52	4.78	4.93	4.99	5.04	4.73	4.78	4.83	4.89	4.95	5.00	5.05	5.11
2008	1.12	3.08	4.39	4.80	4.93	4.99	4.68	4.73	4.78	4.83	4.89	4.95	5.00	5.05	5.11
2009	0.78	2.99	4.41	4.82	4.93	4.63	4.68	4.73	4.78	4.83	4.89	4.95	5.00	5.05	5.11
2010	0.75	2.99	4.43	4.83	4.58	4.63	4.68	4.73	4.78	4.83	4.89	4.95	5.00	5.05	5.10
2011	0.74	2.99	4.43	4.48	4.57	4.63	4.68	4.73	4.78	4.83	4.89	4.94	5.00	5.05	5.10

Cumulative Claim Rates			Fixed Rate 15 Year Mortgages							by Credit Subsidy Endorsement Cohort						
PolicyBook	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1975	0.00	0.22	0.98	3.39	4.70	6.46	7.11	7.99	8.75	9.08	9.63	9.85	10.18	10.50	11.05	
1976	0.00	0.24	1.09	2.53	3.26	4.10	4.83	5.43	5.91	6.27	6.88	7.60	8.20	8.32	8.44	
1977	0.00	0.59	1.77	2.21	2.65	3.24	4.42	4.57	4.87	5.31	5.46	5.60	6.05	6.19	6.19	
1978	0.20	0.61	1.02	1.84	2.04	2.45	2.45	3.07	3.68	3.89	4.29	4.70	4.70	4.70	4.70	
1979	0.00	0.18	0.92	2.39	3.85	5.14	5.50	6.79	7.71	8.26	8.44	8.44	8.99	9.17	9.17	
1980	0.00	0.40	3.91	6.75	8.37	10.26	12.28	13.90	15.25	15.92	16.60	16.87	17.41	17.68	17.81	
1981	0.00	1.11	5.71	8.40	10.30	10.94	11.57	13.00	13.31	13.79	14.42	15.06	15.21	15.53	15.53	
1982	0.03	0.39	1.20	2.40	3.53	4.65	5.41	6.14	6.38	6.66	6.79	6.90	6.92	6.92	6.92	
1983	0.00	0.13	0.69	1.65	2.73	3.74	4.45	4.78	4.98	5.16	5.28	5.37	5.42	5.44	5.45	
1984	0.01	0.30	1.31	2.73	4.41	5.44	6.10	6.46	6.78	6.94	7.08	7.17	7.26	7.28	7.31	
1985	0.00	0.18	1.05	2.41	3.42	4.13	4.62	5.03	5.29	5.51	5.66	5.77	5.83	5.88	5.90	
1986	0.00	0.16	0.65	1.27	1.84	2.27	2.64	2.87	3.05	3.18	3.27	3.31	3.34	3.36	3.38	
1987	0.00	0.14	0.49	0.93	1.38	1.75	2.06	2.32	2.52	2.63	2.73	2.82	2.85	2.88	2.90	
1988	0.00	0.14	0.59	1.31	2.12	2.81	3.34	3.79	4.16	4.35	4.53	4.62	4.68	4.73	4.74	
1989	0.00	0.14	0.62	1.52	2.47	3.24	3.96	4.56	4.94	5.22	5.41	5.54	5.58	5.60	5.62	
1990	0.00	0.13	0.69	1.51	2.30	3.08	3.61	3.95	4.18	4.34	4.48	4.53	4.55	4.58	4.59	
1991	0.00	0.12	0.58	1.15	1.89	2.52	2.92	3.22	3.43	3.54	3.59	3.62	3.63	3.65	3.66	
1992	0.00	0.06	0.43	0.78	1.22	1.53	1.82	2.00	2.10	2.18	2.22	2.23	2.26	2.28	2.29	
1993	0.00	0.06	0.34	0.64	0.93	1.19	1.41	1.54	1.62	1.67	1.73	1.77	1.79	1.81	1.82	
1994	0.00	0.07	0.25	0.58	0.93	1.18	1.43	1.57	1.66	1.73	1.79	1.83	1.85	1.87	1.88	
1995	0.01	0.09	0.42	0.95	1.37	1.73	1.94	2.12	2.33	2.48	2.56	2.60	2.63	2.64	2.66	
1996	0.00	0.09	0.39	0.82	1.29	1.67	1.97	2.22	2.36	2.44	2.48	2.51	2.53	2.54	2.55	
1997	0.00	0.06	0.35	0.83	1.29	1.59	1.78	1.95	2.07	2.13	2.17	2.19	2.21	2.22	2.23	
1998	0.00	0.07	0.41	0.73	1.19	1.54	1.76	1.89	1.97	2.02	2.05	2.08	2.09	2.11	2.12	
1999	0.00	0.06	0.34	0.76	1.28	1.62	1.78	1.88	1.95	1.99	2.03	2.05	2.07	2.08	2.09	
2000	0.00	0.07	0.59	1.55	2.22	2.45	2.59	2.66	2.71	2.74	2.76	2.77	2.79	2.79	2.80	
2001	0.00	0.15	0.70	1.33	1.62	1.80	1.92	1.99	2.05	2.09	2.12	2.15	2.16	2.17	2.18	
2002	0.01	0.21	0.66	1.03	1.28	1.47	1.60	1.70	1.77	1.82	1.86	1.89	1.91	1.93	1.94	
2003	0.00	0.14	0.43	0.77	1.03	1.24	1.45	1.62	1.75	1.85	1.93	1.98	2.02	2.05	2.07	
2004	0.01	0.13	0.42	0.79	1.08	1.37	1.61	1.80	1.94	2.05	2.12	2.18	2.22	2.26	2.28	
2005	0.02	0.20	0.59	1.03	1.45	1.78	2.04	2.23	2.39	2.49	2.56	2.62	2.67	2.71	2.73	
2006	0.02	0.20	0.59	1.15	1.60	1.94	2.20	2.41	2.54	2.64	2.72	2.78	2.83	2.87	2.90	
2007	0.02	0.20	0.70	1.28	1.74	2.09	2.36	2.53	2.67	2.77	2.86	2.92	2.97	3.00	3.03	
2008	0.02	0.26	0.78	1.37	1.84	2.19	2.42	2.60	2.74	2.85	2.93	2.99	3.04	3.08	3.11	
2009	0.02	0.28	0.80	1.38	1.85	2.15	2.38	2.56	2.70	2.81	2.89	2.96	3.01	3.05	3.08	
2010	0.02	0.28	0.78	1.36	1.75	2.05	2.28	2.46	2.60	2.71	2.80	2.86	2.91	2.95	2.98	
2011	0.02	0.27	0.77	1.26	1.66	1.96	2.19	2.38	2.52	2.63	2.71	2.78	2.83	2.87	2.90	

Cumulative Prepayment Rates			Fixed Rate 15 Year Mortgages					by Credit Subsidy Endorsement Cohort							
Policy/Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1975	0.55	2.74	7.88	14.77	19.47	23.19	26.15	28.45	30.74	33.26	39.72	44.97	49.02	53.72	59.08
1976	0.60	3.02	8.56	13.03	15.44	17.97	20.75	25.33	28.83	31.85	39.93	44.99	48.61	53.20	59.59
1977	0.88	5.01	9.44	13.86	16.52	19.32	23.30	26.11	30.24	33.92	42.18	48.08	51.77	55.90	62.09
1978	0.61	2.66	5.73	9.00	10.22	13.09	16.16	19.84	25.36	30.88	38.45	43.35	49.69	53.17	60.33
1979	0.37	1.47	3.12	6.06	9.91	14.50	17.61	23.49	30.28	35.23	42.02	46.61	51.19	55.78	60.18
1980	0.27	1.48	2.29	4.32	7.83	11.61	18.08	25.10	29.96	34.82	41.70	44.80	47.91	52.50	58.16
1981	0.48	1.27	9.19	13.47	19.02	28.37	36.29	40.73	44.85	48.18	51.82	54.83	57.05	59.75	62.12
1982	0.08	2.59	5.28	9.28	22.32	37.81	43.66	48.13	53.04	57.93	64.72	70.60	74.63	76.87	79.44
1983	0.16	1.15	3.27	13.38	30.97	37.39	42.33	47.59	53.09	61.82	68.92	74.04	76.50	79.19	82.11
1984	0.12	1.38	15.19	33.64	39.70	43.82	48.33	52.91	60.38	66.52	71.01	72.96	75.08	77.16	79.81
1985	0.22	8.00	25.95	31.99	36.71	41.93	47.75	58.09	66.27	71.75	73.81	75.92	77.99	80.10	82.27
1986	0.52	4.75	8.52	12.70	18.00	24.11	35.75	50.01	60.62	64.15	68.46	71.93	75.84	79.42	82.80
1987	0.59	2.48	5.36	9.67	14.51	23.29	36.68	48.67	53.14	58.62	63.11	68.26	73.43	77.31	83.65
1988	0.49	2.18	5.55	10.32	19.86	34.97	48.14	52.49	57.81	62.00	66.63	70.99	74.33	77.76	82.22
1989	0.25	2.16	5.84	15.94	33.32	47.55	52.06	57.45	61.52	66.41	70.83	73.63	76.52	79.72	83.12
1990	0.35	2.59	10.39	29.57	45.94	50.58	56.53	60.93	65.97	70.49	73.45	76.34	79.45	82.60	85.28
1991	0.43	3.94	19.34	37.43	42.99	49.99	55.52	62.00	68.12	71.54	74.87	78.67	82.31	85.04	87.51
1992	0.45	5.90	18.05	24.64	33.49	40.96	50.30	58.89	63.66	68.37	73.46	78.59	82.59	85.85	88.11
1993	0.65	5.15	10.22	17.91	25.42	34.73	44.86	50.54	56.61	63.48	70.64	76.40	80.54	83.04	85.51
1994	0.77	3.68	9.99	16.60	25.73	35.21	41.35	47.92	55.35	63.40	69.92	74.54	77.45	80.41	82.43
1995	0.94	6.45	12.98	24.06	34.62	40.44	47.83	55.31	62.40	68.63	74.58	78.81	82.55	85.24	86.63
1996	0.60	4.13	12.69	24.20	31.61	40.00	49.78	60.00	69.17	76.18	80.32	84.10	86.54	87.74	88.72
1997	0.58	6.27	17.06	24.00	33.37	44.98	56.65	66.86	74.87	79.72	84.07	86.90	88.26	89.33	90.23
1998	0.77	5.78	12.00	21.10	33.75	50.12	61.77	69.72	74.29	78.72	81.59	83.07	84.31	85.43	86.46
1999	0.49	3.76	12.84	27.16	45.86	58.13	65.94	70.60	75.07	78.06	79.66	80.99	82.21	83.36	84.43
2000	0.52	14.90	36.03	56.78	67.37	74.98	79.90	84.28	87.20	88.57	89.64	90.53	91.32	92.08	92.74
2001	1.33	11.85	39.70	55.50	64.30	69.64	74.66	78.03	79.80	81.24	82.55	83.76	84.89	85.89	86.81
2002	1.62	21.90	38.38	48.06	54.29	60.24	64.39	66.74	68.66	70.47	72.19	73.79	75.22	76.58	77.87
2003	2.79	11.54	20.04	26.64	32.75	37.61	40.83	43.78	46.60	49.30	51.83	54.12	56.32	58.43	60.45
2004	1.85	8.27	14.92	21.36	27.23	30.92	34.33	37.59	40.71	43.69	46.34	48.89	51.33	53.67	55.92
2005	1.30	5.83	12.24	18.50	22.58	26.37	29.99	33.46	36.77	39.71	42.54	45.25	47.85	50.35	52.75
2006	1.13	5.73	11.99	16.26	20.33	24.22	27.95	31.51	34.67	37.70	40.62	43.42	46.11	48.69	51.16
2007	1.19	5.69	9.94	14.21	18.38	22.37	26.18	29.56	32.81	35.92	38.92	41.80	44.56	47.22	49.76
2008	1.12	4.17	8.37	12.73	16.97	21.02	24.61	28.06	31.38	34.56	37.62	40.56	43.38	46.09	48.68
2009	0.78	3.74	7.97	12.37	16.62	20.40	24.02	27.50	30.84	34.06	37.14	40.11	42.96	45.69	48.30
2010	0.75	3.72	7.98	12.39	16.33	20.12	23.76	27.26	30.62	33.85	36.95	39.93	42.79	45.53	48.16
2011	0.74	3.71	7.97	12.05	16.02	19.83	23.49	27.00	30.38	33.62	36.74	39.73	42.60	45.36	48.00

Conditional Claim Rates			Fixed Rate 15 Year Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort		
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1986	0.00	0.00	0.19	0.37	0.37	0.27	0.41	0.30	0.52	0.17	0.13	0.22	0.00	0.00	0.00
1987	0.00	0.10	0.27	0.35	0.45	0.35	0.29	0.33	0.24	0.16	0.07	0.08	0.06	0.02	0.02
1988	0.05	0.05	0.25	0.73	0.91	0.47	0.32	0.41	0.39	0.00	0.16	0.10	0.00	0.13	0.00
1989	0.00	0.32	0.89	0.74	0.60	0.65	0.29	0.63	0.18	0.40	0.00	0.26	0.00	0.00	0.00
1990	0.00	0.36	0.44	0.29	0.63	0.97	0.24	0.55	0.31	0.18	0.22	0.25	0.00	0.00	0.01
1991	0.00	0.08	0.18	0.39	0.30	0.14	0.32	0.12	0.15	0.00	0.32	0.00	0.00	0.01	0.02
1992	0.00	0.04	0.09	0.18	0.18	0.12	0.21	0.14	0.10	0.10	0.02	0.04	0.02	0.03	0.02
1993	0.00	0.03	0.11	0.15	0.17	0.16	0.12	0.14	0.08	0.07	0.03	0.04	0.03	0.02	0.01
1994	0.00	0.07	0.20	0.24	0.27	0.24	0.20	0.11	0.12	0.07	0.04	0.04	0.03	0.02	0.01
1995	0.02	0.13	0.29	0.40	0.42	0.43	0.29	0.21	0.17	0.15	0.10	0.07	0.04	0.03	0.03
1996	0.00	0.04	0.19	0.27	0.34	0.30	0.25	0.16	0.21	0.09	0.06	0.03	0.02	0.02	0.01
1997	0.00	0.06	0.22	0.29	0.30	0.19	0.11	0.20	0.10	0.07	0.04	0.02	0.02	0.01	0.01
1998	0.00	0.01	0.13	0.12	0.21	0.15	0.13	0.11	0.08	0.05	0.03	0.03	0.02	0.02	0.01
1999	0.00	0.02	0.10	0.11	0.18	0.18	0.13	0.09	0.06	0.04	0.04	0.03	0.02	0.01	0.01
2000	0.00	0.03	0.21	0.21	0.29	0.31	0.23	0.12	0.07	0.07	0.05	0.03	0.02	0.01	0.01
2001	0.00	0.02	0.13	0.25	0.21	0.20	0.15	0.11	0.11	0.07	0.05	0.04	0.02	0.01	0.01
2002	0.00	0.03	0.16	0.22	0.23	0.21	0.17	0.17	0.12	0.08	0.06	0.04	0.02	0.01	0.01
2003	0.00	0.04	0.17	0.21	0.21	0.21	0.21	0.15	0.10	0.07	0.05	0.02	0.01	0.01	0.01
2004	0.00	0.07	0.18	0.22	0.22	0.29	0.22	0.15	0.11	0.07	0.03	0.02	0.01	0.01	0.01
2005	0.01	0.11	0.22	0.23	0.32	0.29	0.22	0.15	0.11	0.04	0.03	0.02	0.01	0.01	0.01
2006	0.01	0.09	0.20	0.34	0.32	0.30	0.22	0.15	0.06	0.04	0.03	0.02	0.01	0.01	0.01
2007	0.01	0.09	0.29	0.33	0.32	0.30	0.22	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.01
2008	0.01	0.12	0.28	0.33	0.32	0.30	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.01
2009	0.01	0.12	0.28	0.33	0.32	0.17	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.01
2010	0.01	0.12	0.28	0.33	0.18	0.17	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.01
2011	0.01	0.12	0.27	0.18	0.18	0.17	0.12	0.09	0.06	0.04	0.03	0.02	0.01	0.01	0.01

Conditional Prepayment Rates			Fixed Rate 15 Year Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort		
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1986	0.07	1.46	2.83	3.90	4.62	6.10	12.41	22.17	23.31	10.54	13.78	12.08	16.74	20.61	19.31
1987	0.42	1.90	2.93	4.36	5.10	9.61	17.93	20.07	9.85	12.58	11.53	16.98	18.28	16.95	27.34
1988	0.97	2.74	4.30	5.93	12.72	19.18	23.29	8.45	9.92	11.71	14.48	16.30	14.22	20.05	39.20
1989	1.21	5.56	5.98	12.61	20.43	24.78	8.67	9.21	12.50	13.71	11.03	13.72	9.20	15.20	18.33
1990	0.89	7.37	15.59	26.62	25.79	8.52	13.71	9.83	14.99	16.42	12.04	12.72	16.91	21.03	24.09
1991	0.49	8.24	24.92	28.76	9.40	13.03	10.80	17.80	20.28	13.58	15.29	20.03	23.60	25.59	31.60
1992	0.59	8.43	15.79	7.36	11.21	10.13	14.99	17.25	10.43	13.99	20.90	23.65	24.70	30.86	32.71
1993	1.04	6.62	5.75	8.95	9.17	13.07	15.84	10.33	13.40	18.12	24.65	21.84	26.60	28.28	29.34
1994	1.45	4.22	7.35	7.88	11.25	13.66	9.91	12.13	16.10	21.76	20.95	25.03	26.65	27.83	26.45
1995	1.18	6.93	7.74	12.04	15.26	9.57	12.37	16.87	21.71	20.06	25.43	27.04	27.98	26.29	17.62
1996	0.76	4.42	9.75	13.71	9.10	12.62	17.41	24.16	26.34	33.86	35.85	36.69	34.75	23.90	25.37
1997	0.97	7.84	13.73	7.80	10.45	18.23	24.79	23.14	28.41	30.17	30.69	28.74	19.36	20.56	21.91
1998	0.83	6.12	6.17	9.96	15.74	27.16	23.09	26.96	28.65	30.06	28.65	19.35	20.67	22.06	23.53
1999	1.10	3.98	8.55	13.56	24.72	21.51	24.44	26.03	27.60	26.30	17.64	18.87	20.16	21.52	23.57
2000	1.46	11.05	17.35	25.16	21.76	23.44	24.98	25.36	23.73	15.78	16.84	18.01	19.26	21.13	24.29
2001	0.83	10.09	32.73	21.99	21.01	22.38	23.75	22.59	14.98	16.03	17.17	18.38	20.19	23.24	24.76
2002	1.50	18.74	17.03	19.34	20.65	22.04	20.97	13.84	14.83	15.89	17.00	18.71	21.57	23.01	24.52
2003	2.88	10.47	17.98	19.40	20.71	19.70	12.96	13.89	14.89	15.94	17.58	20.31	21.68	23.13	24.64
2004	3.21	13.80	17.53	19.15	20.59	12.01	12.89	13.82	14.81	15.86	18.91	20.21	21.57	23.01	24.52
2005	4.39	12.78	16.82	18.95	11.19	12.02	12.90	13.83	14.82	17.66	18.92	20.22	21.58	23.02	24.53
2006	3.77	12.40	16.89	10.25	11.14	11.96	12.83	13.76	16.44	17.58	18.83	20.13	21.49	22.92	24.43
2007	4.03	12.76	9.18	10.32	11.17	11.99	12.86	15.38	16.47	17.62	18.86	20.17	21.53	22.96	24.47
2008	3.71	6.66	9.16	10.30	11.14	11.96	14.32	15.34	16.43	17.58	18.82	20.12	21.48	22.91	24.42
2009	1.91	6.67	9.19	10.32	11.14	13.36	14.33	15.35	16.43	17.58	18.82	20.12	21.48	22.91	24.42
2010	1.90	6.68	9.21	10.32	12.46	13.36	14.32	15.34	16.43	17.57	18.82	20.12	21.48	22.91	24.42
2011	1.88	6.68	9.21	11.55	12.46	13.36	14.32	15.34	16.42	17.57	18.81	20.11	21.47	22.90	24.41

Cumulative Claim Rates			Fixed Rate 15 Year Streamline Refinance Mortgages								by Credit Subsidy Endorsement Cohort				
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1986	0.00	0.00	0.19	0.55	0.88	1.12	1.46	1.67	1.96	2.03	2.08	2.15	2.15	2.15	2.15
1987	0.00	0.10	0.37	0.70	1.11	1.40	1.62	1.83	1.95	2.02	2.04	2.07	2.09	2.09	2.10
1988	0.05	0.11	0.35	1.02	1.80	2.15	2.34	2.52	2.68	2.68	2.74	2.77	2.77	2.79	2.79
1989	0.00	0.32	1.15	1.79	2.23	2.62	2.75	3.00	3.07	3.19	3.19	3.26	3.26	3.26	3.26
1990	0.00	0.36	0.76	0.98	1.34	1.74	1.83	2.00	2.09	2.14	2.18	2.23	2.23	2.23	2.23
1991	0.00	0.08	0.25	0.51	0.66	0.72	0.84	0.88	0.92	0.92	0.98	0.98	0.98	0.99	0.99
1992	0.00	0.04	0.12	0.25	0.38	0.46	0.58	0.64	0.68	0.72	0.72	0.73	0.73	0.74	0.74
1993	0.00	0.03	0.13	0.26	0.39	0.51	0.58	0.65	0.69	0.72	0.73	0.74	0.74	0.74	0.75
1994	0.00	0.07	0.26	0.47	0.69	0.85	0.97	1.03	1.09	1.12	1.13	1.14	1.15	1.15	1.15
1995	0.02	0.15	0.42	0.75	1.06	1.33	1.49	1.59	1.66	1.71	1.73	1.75	1.75	1.76	1.76
1996	0.00	0.04	0.22	0.45	0.70	0.90	1.04	1.12	1.20	1.22	1.23	1.24	1.24	1.24	1.24
1997	0.00	0.06	0.26	0.49	0.71	0.83	0.89	0.96	0.99	1.01	1.01	1.02	1.02	1.02	1.02
1998	0.00	0.01	0.13	0.24	0.40	0.50	0.56	0.60	0.63	0.63	0.64	0.64	0.64	0.65	0.65
1999	0.00	0.02	0.12	0.21	0.34	0.44	0.50	0.53	0.54	0.55	0.56	0.56	0.56	0.56	0.56
2000	0.00	0.03	0.22	0.37	0.53	0.66	0.73	0.76	0.77	0.78	0.79	0.79	0.79	0.79	0.79
2001	0.00	0.02	0.13	0.28	0.38	0.45	0.50	0.52	0.54	0.55	0.55	0.56	0.56	0.56	0.56
2002	0.00	0.03	0.15	0.30	0.42	0.51	0.57	0.61	0.63	0.65	0.66	0.66	0.67	0.67	0.67
2003	0.00	0.04	0.18	0.33	0.45	0.55	0.63	0.67	0.70	0.72	0.73	0.73	0.73	0.73	0.73
2004	0.00	0.07	0.22	0.38	0.49	0.62	0.71	0.76	0.79	0.81	0.81	0.81	0.82	0.82	0.82
2005	0.01	0.11	0.30	0.46	0.64	0.78	0.88	0.93	0.97	0.98	0.99	0.99	0.99	0.99	0.99
2006	0.01	0.10	0.27	0.50	0.71	0.87	0.98	1.04	1.06	1.08	1.08	1.09	1.09	1.09	1.09
2007	0.01	0.09	0.34	0.59	0.80	0.98	1.10	1.14	1.16	1.17	1.18	1.18	1.19	1.19	1.19
2008	0.01	0.12	0.38	0.65	0.88	1.07	1.14	1.18	1.21	1.22	1.23	1.23	1.24	1.24	1.24
2009	0.01	0.13	0.39	0.66	0.89	1.00	1.07	1.11	1.14	1.15	1.16	1.16	1.17	1.17	1.17
2010	0.01	0.13	0.38	0.65	0.78	0.89	0.95	1.00	1.02	1.03	1.04	1.05	1.05	1.05	1.05
2011	0.01	0.12	0.37	0.52	0.65	0.76	0.83	0.87	0.89	0.91	0.91	0.92	0.92	0.92	0.92

Cumulative Prepayment Rates			Fixed Rate 15 Year Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort		
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1986	0.07	1.53	4.32	8.04	12.26	17.56	27.65	43.37	56.18	60.59	65.74	69.63	74.36	79.20	82.80
1987	0.42	2.31	5.17	9.28	13.87	22.05	35.78	48.34	53.25	58.88	63.39	69.26	74.50	78.47	83.78
1988	0.97	3.68	7.81	13.26	24.16	38.36	52.21	56.05	60.16	64.51	69.26	73.83	77.15	81.18	87.46
1989	1.21	6.70	12.26	23.18	38.51	53.19	57.02	60.73	65.26	69.60	72.61	75.93	77.84	80.72	83.65
1990	0.89	8.20	22.45	42.90	57.37	60.89	66.01	69.18	73.50	77.51	79.96	82.23	84.86	87.57	90.03
1991	0.49	8.69	31.42	51.08	55.63	61.32	65.42	71.43	77.04	80.04	82.95	86.17	89.20	91.71	94.02
1992	0.59	8.97	23.33	28.97	36.90	43.25	51.69	59.93	64.04	68.98	75.31	80.98	85.50	89.75	92.86
1993	1.04	7.60	12.91	20.69	27.94	37.31	47.16	52.56	58.82	66.16	74.32	79.77	84.96	89.00	92.01
1994	1.45	5.60	12.54	19.41	28.42	38.10	44.15	50.81	58.56	67.34	73.95	80.18	85.16	88.97	91.58
1995	1.18	8.02	15.13	25.29	36.58	42.54	49.49	57.76	66.59	72.96	79.40	84.50	88.35	90.95	92.24
1996	0.76	5.15	14.40	26.10	32.78	41.18	51.27	62.79	72.29	81.27	87.55	91.66	94.13	95.24	96.13
1997	0.97	8.73	21.25	27.37	34.91	46.65	59.67	68.79	77.39	83.91	88.54	91.54	92.98	94.22	95.26
1998	0.83	6.89	12.64	21.33	33.67	51.58	62.64	72.56	80.25	86.00	89.83	91.67	93.26	94.61	95.72
1999	1.10	5.03	13.15	24.91	43.42	55.51	66.28	74.93	81.70	86.37	88.68	90.71	92.47	93.97	95.26
2000	1.46	12.34	27.54	45.72	57.45	67.30	75.30	81.38	85.62	87.77	89.70	91.41	92.91	94.24	95.45
2001	0.83	10.84	40.02	53.18	62.95	71.16	77.90	82.78	85.28	87.56	89.60	91.41	93.03	94.52	95.74
2002	1.50	19.96	33.59	46.40	57.41	66.70	73.58	77.16	80.46	83.46	86.16	88.63	90.94	92.87	94.45
2003	2.88	13.05	28.67	42.47	54.32	63.23	67.92	72.29	76.32	79.98	83.37	86.60	89.35	91.64	93.52
2004	3.21	16.57	31.19	44.32	55.71	60.97	65.92	70.53	74.78	78.66	82.54	85.91	88.77	91.17	93.13
2005	4.39	16.61	30.61	43.71	49.95	55.89	61.48	66.68	71.48	76.35	80.64	84.35	87.52	90.16	92.33
2006	3.77	15.71	29.92	37.08	44.03	50.64	56.87	62.67	68.63	73.96	78.66	82.74	86.21	89.12	91.51
2007	4.03	16.28	23.96	31.77	39.32	46.50	53.25	60.27	66.63	72.30	77.31	81.64	85.34	88.43	90.97
2008	3.71	10.12	18.34	26.71	34.81	42.50	50.58	57.99	64.70	70.69	75.98	80.56	84.47	87.75	90.44
2009	1.91	8.45	16.85	25.39	33.63	42.38	50.49	57.92	64.65	70.67	75.97	80.57	84.50	87.78	90.48
2010	1.90	8.45	16.87	25.42	34.63	43.26	51.26	58.59	65.23	71.16	76.39	80.93	84.80	88.04	90.71
2011	1.88	8.44	16.86	26.42	35.52	44.04	51.95	59.19	65.75	71.61	76.78	81.27	85.09	88.29	90.93

Conditional Claim Rates			Adjustable Rate Mortgages										by Credit Subsidy Endorsement Cohort																	
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1985	0.00	0.18	0.94	2.18	3.05	2.81	3.71	2.24	1.45	1.15	0.44	0.46	0.77	1.10	0.63	0.37	0.00	0.92	0.00	0.11	0.17	0.11	0.12	0.07	0.05	0.05	0.04	0.03	0.03	0.02
1986	0.00	0.65	1.88	2.20	2.60	3.10	2.22	1.34	1.47	0.81	0.47	0.94	0.38	0.65	0.50	0.41	0.15	0.26	0.20	0.11	0.07	0.10	0.05	0.05	0.04	0.03	0.02	0.02	0.02	0.01
1987	0.00	0.15	0.88	1.83	2.33	2.00	1.53	1.25	1.04	0.80	0.98	0.86	0.59	0.62	0.32	0.35	0.23	0.19	0.12	0.09	0.11	0.07	0.05	0.05	0.04	0.03	0.03	0.02	0.02	0.02
1988	0.01	0.34	1.33	1.90	2.26	1.71	1.46	1.27	1.07	1.06	1.22	0.97	0.97	0.63	0.37	0.48	0.50	0.17	0.13	0.16	0.09	0.07	0.06	0.05	0.04	0.03	0.03	0.02	0.02	0.02
1989	0.00	0.51	1.68	2.25	2.23	1.86	1.18	1.23	1.45	1.13	1.01	1.04	1.15	1.05	0.27	0.39	0.21	0.15	0.19	0.11	0.09	0.08	0.06	0.05	0.04	0.04	0.03	0.02	0.02	0.02
1990	0.00	0.21	0.67	1.09	1.43	1.22	1.68	1.96	1.75	1.17	1.23	0.60	0.41	0.51	0.42	0.26	0.19	0.23	0.13	0.10	0.09	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02
1991	0.00	0.08	0.60	0.93	1.25	1.46	2.00	1.98	1.65	1.52	0.86	0.56	0.44	0.59	0.28	0.20	0.25	0.15	0.11	0.11	0.09	0.07	0.06	0.06	0.05	0.04	0.03	0.03	0.02	0.02
1992	0.00	0.14	0.64	1.02	1.45	2.12	2.09	1.66	1.52	0.82	0.61	0.65	0.45	0.31	0.22	0.29	0.18	0.14	0.13	0.10	0.08	0.08	0.07	0.06	0.05	0.04	0.03	0.03	0.02	0.02
1993	0.00	0.17	0.69	1.29	2.27	2.24	1.92	1.71	1.00	0.78	0.91	0.64	0.37	0.27	0.36	0.22	0.17	0.16	0.12	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.03	0.02	0.02
1994	0.00	0.17	0.90	2.06	2.59	2.40	1.98	1.21	1.03	1.08	0.76	0.45	0.32	0.43	0.26	0.20	0.19	0.15	0.12	0.11	0.10	0.08	0.07	0.05	0.05	0.04	0.03	0.03	0.02	0.02
1995	0.01	0.28	1.66	3.07	3.99	3.20	2.22	2.02	2.46	1.51	0.60	0.42	0.54	0.33	0.25	0.24	0.19	0.15	0.14	0.12	0.10	0.08	0.07	0.06	0.05	0.04	0.03	0.03	0.02	0.02
1996	0.00	0.29	1.55	3.39	3.76	2.79	2.91	3.44	2.43	1.40	1.04	1.36	0.85	0.64	0.61	0.48	0.39	0.35	0.32	0.26	0.22	0.18	0.15	0.12	0.10	0.08	0.07	0.06	0.05	0.04
1997	0.00	0.36	1.68	3.02	2.88	3.52	3.99	2.68	1.70	1.21	1.64	1.03	0.77	0.76	0.58	0.48	0.43	0.38	0.32	0.26	0.22	0.18	0.15	0.12	0.10	0.08	0.07	0.06	0.05	0.04
1998	0.02	0.77	2.11	2.42	3.13	3.52	2.99	1.93	1.28	1.82	1.12	0.91	0.86	0.66	0.54	0.48	0.44	0.36	0.30	0.25	0.20	0.17	0.14	0.11	0.09	0.08	0.06	0.05	0.04	0.04
1999	0.00	0.16	0.93	2.13	3.65	2.98	1.98	1.68	2.19	1.39	1.04	1.02	0.80	0.66	0.59	0.53	0.44	0.36	0.30	0.25	0.20	0.17	0.14	0.11	0.09	0.08	0.06	0.05	0.04	0.04
2000	0.00	0.42	1.64	3.24	3.14	2.21	1.72	2.52	1.57	1.24	1.19	0.93	0.77	0.68	0.62	0.51	0.42	0.35	0.29	0.24	0.20	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2001	0.00	0.24	1.32	2.00	2.24	1.88	2.73	1.96	1.49	1.45	1.15	0.95	0.85	0.77	0.64	0.53	0.44	0.36	0.30	0.25	0.20	0.17	0.14	0.11	0.09	0.08	0.06	0.05	0.04	0.04
2002	0.00	0.20	1.38	2.01	2.01	3.09	2.10	1.76	1.68	1.32	1.11	0.99	0.89	0.74	0.62	0.51	0.42	0.35	0.29	0.24	0.20	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2003	0.01	0.35	1.40	1.92	3.39	2.44	1.96	1.96	1.53	1.28	1.15	1.04	0.87	0.72	0.60	0.49	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2004	0.02	0.45	1.33	3.72	3.51	2.40	2.55	2.10	1.66	1.35	1.26	1.06	0.88	0.73	0.61	0.50	0.42	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2005	0.03	0.62	3.12	3.98	3.03	3.45	2.81	2.44	1.87	1.53	1.26	1.05	0.88	0.73	0.60	0.50	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2006	0.02	0.93	2.34	2.85	3.66	3.16	2.72	2.45	1.98	1.50	1.26	1.05	0.87	0.73	0.60	0.50	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2007	0.03	0.64	1.81	3.21	3.37	3.03	2.78	2.65	1.91	1.49	1.26	1.05	0.87	0.72	0.60	0.50	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2008	0.02	0.53	1.75	2.97	3.28	3.12	3.10	2.61	1.89	1.49	1.26	1.05	0.87	0.72	0.60	0.50	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2009	0.02	0.51	1.62	2.91	3.37	3.48	3.09	2.59	1.88	1.48	1.26	1.05	0.87	0.72	0.60	0.50	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2010	0.02	0.47	1.57	3.00	3.75	3.48	3.08	2.57	1.87	1.48	1.26	1.05	0.87	0.73	0.60	0.50	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03
2011	0.02	0.45	1.64	3.33	3.76	3.48	3.09	2.58	1.88	1.49	1.26	1.05	0.87	0.73	0.60	0.50	0.41	0.34	0.28	0.23	0.19	0.16	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03

Conditional Prepayment Rates				Adjustable Rate Mortgages										by Credit Subsidy Endorsement Cohort																									
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
1985	0.09	2.12	3.87	3.47	3.57	6.30	8.04	10.94	14.22	11.30	5.03	9.03	6.14	12.09	14.87	8.99	10.33	13.82	15.14	9.16	4.18	2.90	3.29	2.41	2.22	2.31	2.23	2.03	2.27	2.00									
1986	0.37	2.29	2.99	4.05	5.74	6.67	10.55	13.13	11.42	6.17	7.54	7.98	12.29	12.57	8.45	9.62	12.44	12.85	7.05	2.79	2.15	3.40	2.38	2.76	2.70	3.02	2.81	3.14	2.75	2.51									
1987	0.04	0.68	2.34	4.68	6.05	9.36	13.27	12.06	6.32	8.48	8.81	13.47	15.19	10.04	14.34	14.64	16.79	8.74	3.86	3.39	4.90	3.65	3.70	3.92	3.82	3.52	3.93	3.47	3.17	2.89									
1988	0.28	1.58	4.66	7.10	10.09	14.44	12.64	6.60	9.29	8.41	13.08	13.73	9.96	14.13	14.83	14.54	8.22	3.69	3.20	4.76	3.50	3.74	3.95	4.11	3.83	4.28	3.76	3.44	3.14	2.87									
1989	0.23	2.67	6.37	9.47	14.76	13.10	7.63	9.34	9.03	14.50	15.60	8.98	13.18	16.28	13.73	10.68	3.97	3.30	4.84	3.53	3.84	4.06	4.35	4.08	4.56	4.00	3.66	3.34	3.05	2.79									
1990	0.11	1.78	5.37	9.86	11.87	8.32	12.46	11.35	16.90	16.45	12.47	18.41	19.88	20.00	11.69	4.45	3.91	5.98	4.71	4.71	5.21	5.14	4.73	5.29	4.66	4.25	3.88	3.55	3.24	2.96									
1991	0.11	1.59	5.97	8.81	7.19	12.08	11.85	17.69	18.51	12.37	20.14	22.67	23.37	13.98	5.60	4.92	7.17	5.30	5.34	5.69	5.54	5.10	5.70	5.03	4.60	4.20	3.84	3.51	3.21	2.93									
1992	0.20	2.94	6.86	7.28	13.39	12.27	19.93	20.06	13.05	20.71	22.67	24.46	15.57	6.33	5.28	7.50	5.42	5.69	5.82	5.74	5.33	5.96	5.25	4.80	4.39	4.02	3.67	3.35	3.06	2.80									
1993	0.49	3.47	5.52	12.90	11.42	19.91	20.57	12.78	24.10	25.11	27.66	17.59	6.96	5.87	8.32	6.01	6.30	6.46	6.37	5.90	6.58	5.81	5.31	4.86	4.44	4.06	3.71	3.39	3.10	2.83									
1994	0.28	2.72	10.57	11.53	21.00	20.22	12.99	24.22	25.69	28.60	18.93	7.75	6.54	9.23	6.70	7.01	7.19	7.09	6.58	7.34	6.48	5.93	5.43	4.96	4.54	4.15	3.79	3.46	3.16	2.89									
1995	1.27	8.35	14.39	31.55	23.62	13.64	24.88	25.03	26.22	19.06	7.83	6.63	9.69	7.08	7.40	7.61	7.50	6.95	7.75	6.85	6.27	5.74	5.25	4.80	4.39	4.01	3.67	3.35	3.06	2.80									
1996	0.41	5.08	31.33	30.71	15.79	29.85	25.91	25.50	21.91	13.01	11.25	15.53	11.51	11.80	12.32	12.09	11.22	12.47	11.06	10.15	9.31	8.54	7.82	7.17	6.56	6.01	5.49	5.03	4.60	4.20									
1997	0.70	14.60	31.91	18.27	36.41	26.48	25.40	21.24	13.50	11.85	16.67	12.39	12.67	13.25	13.02	12.11	13.45	11.95	10.97	10.07	9.24	8.47	7.76	7.11	6.51	5.95	5.45	4.98	4.56	4.16									
1998	3.00	18.76	15.87	34.12	26.79	25.85	22.62	13.12	11.96	17.87	12.86	14.37	13.92	14.01	13.09	14.52	12.91	11.86	10.89	10.00	9.17	8.40	7.70	7.05	6.46	5.91	5.41	4.94	4.52	4.13									
1999	0.57	3.49	33.19	31.14	28.22	19.41	12.80	13.06	20.49	16.19	16.17	17.24	16.82	15.60	17.27	15.38	14.16	13.02	11.96	10.98	10.08	9.24	8.47	7.76	7.11	6.51	5.96	5.45	4.98	4.56									
2000	0.77	28.66	27.76	27.11	19.96	12.77	11.69	18.90	16.05	17.67	17.68	17.59	16.48	18.24	16.27	14.98	13.79	12.68	11.65	10.69	9.81	9.00	8.25	7.55	6.92	6.33	5.80	5.30	4.85	4.43									
2001	4.06	15.95	26.28	19.90	14.14	11.43	17.31	15.26	18.33	19.94	19.55	18.17	20.08	17.93	16.53	15.23	14.02	12.89	11.84	10.87	9.98	9.15	8.39	7.68	7.04	6.44	5.89	5.39	4.93	4.51									
2002	1.91	24.68	17.98	15.87	12.27	17.21	14.35	17.57	20.62	20.99	19.67	21.71	19.43	17.94	16.54	15.24	14.03	12.90	11.85	10.88	9.99	9.16	8.40	7.69	7.05	6.45	5.90	5.40	4.94	4.52									
2003	5.24	13.21	16.34	13.00	17.49	13.58	17.09	19.34	22.31	21.31	23.47	21.03	19.44	17.95	16.55	15.25	14.03	12.90	11.86	10.89	9.99	9.16	8.40	7.70	7.05	6.45	5.91	5.40	4.94	4.52									
2004	2.77	12.48	12.14	17.96	14.61	13.45	17.49	19.40	21.95	24.79	23.15	21.43	19.81	18.29	16.87	15.54	14.31	13.16	12.09	11.11	10.19	9.35	8.57	7.85	7.19	6.59	6.03	5.52	5.04	4.61									
2005	2.05	7.19	14.81	14.01	12.64	14.90	16.11	18.13	24.29	24.76	23.17	21.45	19.83	18.31	16.89	15.56	14.33	13.18	12.11	11.12	10.21	9.36	8.58	7.87	7.21	6.60	6.04	5.52	5.05	4.62									
2006	1.54	9.67	13.22	14.17	15.93	15.71	16.98	21.53	24.88	24.93	23.16	21.43	19.82	18.30	16.88	15.55	14.31	13.17	12.10	11.11	10.20	9.35	8.58	7.86	7.20	6.59	6.03	5.52	5.05	4.62									
2007	2.10	8.37	13.87	16.55	16.02	16.67	19.87	21.89	25.31	24.94	23.13	21.41	19.80	18.28	16.86	15.53	14.30	13.15	12.09	11.10	10.19	9.34	8.57	7.85	7.19	6.58	6.02	5.51	5.04	4.61									
2008	1.72	8.84	13.02	14.83	16.75	19.38	19.88	22.09	25.42	24.95	23.13	21.41	19.80	18.28	16.86	15.53	14.30	13.15	12.09	11.10	10.19	9.34	8.57	7.85	7.19	6.58	6.02	5.51	5.04	4.61									
2009	2.02	8.04	10.80	15.04	19.51	19.42	19.93	22.21	25.51	24.96	23.13	21.41	19.80	18.28	16.86	15.53	14.30	13.15	12.09	11.10	10.19	9.34	8.57	7.85	7.19	6.58	6.02	5.51	5.04	4.61									
2010	1.73	6.69	11.00	17.73	19.66	19.45	19.98	22.33	25.56	24.97	23.14	21.42	19.80	18.28	16.86	15.54	14.30	13.15	12.09	11.10	10.19	9.35	8.57	7.85	7.19	6.58	6.03	5.51	5.04	4.61									
2011	1.51	6.78	13.06	17.72	19.54	19.44	19.96	22.28	25.52	24.97	23.15	21.42	19.81	18.29	16.87	15.54	14.31	13.16	12.09	11.11	10.19	9.35	8.57	7.85	7.19	6.59	6.03	5.52	5.04	4.61									

Cumulative Claim Rates		Adjustable Rate Mortgages										by Credit Subsidy Endorsement Cohort																			
Policy\Book		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	1985	0.00	0.18	1.10	3.13	5.80	8.10	10.87	12.34	13.17	13.72	13.90	14.09	14.36	14.73	14.92	15.01	15.01	15.19	15.19	15.21	15.23	15.24	15.26	15.27	15.27	15.28	15.28	15.29	15.29	
	1986	0.00	0.65	2.47	4.49	6.74	9.19	10.77	11.60	12.39	12.76	12.97	13.34	13.48	13.68	13.82	13.92	13.95	14.00	14.04	14.05	14.06	14.08	14.09	14.09	14.10	14.10	14.11	14.11	14.11	14.11
	1987	0.00	0.15	1.03	2.78	4.87	6.51	7.62	8.40	8.96	9.36	9.80	10.15	10.36	10.54	10.63	10.71	10.75	10.78	10.80	10.81	10.83	10.84	10.84	10.85	10.85	10.85	10.86	10.86	10.86	10.86
	1988	0.01	0.34	1.64	3.39	5.28	6.54	7.44	8.11	8.63	9.09	9.58	9.91	10.19	10.35	10.43	10.52	10.60	10.62	10.64	10.66	10.67	10.68	10.69	10.69	10.70	10.70	10.70	10.71	10.71	10.71
	1989	0.00	0.51	2.13	4.12	5.88	7.09	7.74	8.36	9.02	9.48	9.82	10.11	10.41	10.64	10.69	10.75	10.78	10.80	10.82	10.84	10.85	10.86	10.86	10.87	10.87	10.87	10.88	10.88	10.88	10.88
	1990	0.00	0.21	0.87	1.87	3.04	3.91	4.98	6.06	6.90	7.35	7.75	7.92	8.01	8.10	8.16	8.19	8.21	8.24	8.25	8.26	8.27	8.28	8.28	8.29	8.29	8.29	8.30	8.30	8.30	8.30
	1991	0.00	0.09	0.68	1.54	2.57	3.68	4.99	6.11	6.85	7.41	7.67	7.81	7.90	7.98	8.01	8.04	8.07	8.08	8.09	8.10	8.11	8.11	8.12	8.12	8.13	8.13	8.13	8.13	8.13	8.14
	1992	0.00	0.14	0.75	1.66	2.85	4.33	5.58	6.35	6.91	7.17	7.32	7.44	7.50	7.54	7.56	7.59	7.61	7.62	7.63	7.64	7.65	7.65	7.66	7.66	7.66	7.67	7.67	7.67	7.67	7.67
	1993	0.00	0.17	0.83	1.99	3.74	5.23	6.23	6.92	7.26	7.46	7.64	7.72	7.77	7.79	7.83	7.85	7.86	7.87	7.88	7.89	7.89	7.90	7.90	7.91	7.91	7.91	7.91	7.91	7.91	7.91
	1994	0.00	0.17	1.04	2.81	4.72	6.08	6.95	7.40	7.69	7.91	8.01	8.07	8.10	8.14	8.17	8.18	8.20	8.21	8.22	8.22	8.23	8.23	8.24	8.24	8.24	8.24	8.24	8.25	8.25	8.25
	1995	0.01	0.28	1.78	4.11	6.09	7.23	7.89	8.33	8.72	8.89	8.95	8.98	9.02	9.05	9.06	9.08	9.09	9.09	9.10	9.11	9.11	9.11	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12
	1996	0.00	0.29	1.75	3.89	5.46	6.39	7.05	7.60	7.88	8.00	8.08	8.17	8.21	8.24	8.27	8.29	8.30	8.31	8.32	8.32	8.33	8.33	8.33	8.33	8.33	8.33	8.34	8.34	8.34	8.34
	1997	0.00	0.36	1.78	3.47	4.75	5.69	6.44	6.79	6.97	7.07	7.19	7.25	7.29	7.33	7.35	7.37	7.38	7.39	7.40	7.40	7.41	7.41	7.41	7.41	7.41	7.41	7.42	7.42	7.42	7.42
	1998	0.02	0.77	2.41	3.96	5.23	6.23	6.83	7.12	7.29	7.49	7.59	7.66	7.71	7.75	7.77	7.79	7.81	7.82	7.83	7.83	7.84	7.84	7.84	7.84	7.84	7.84	7.85	7.85	7.85	7.85
	1999	0.00	0.16	1.05	2.39	3.93	4.79	5.23	5.55	5.90	6.07	6.18	6.27	6.32	6.36	6.39	6.41	6.43	6.44	6.44	6.45	6.45	6.46	6.46	6.46	6.46	6.46	6.46	6.46	6.46	6.46
	2000	0.00	0.42	1.58	3.18	4.27	4.86	5.25	5.74	5.98	6.14	6.26	6.34	6.39	6.43	6.46	6.48	6.49	6.50	6.51	6.51	6.52	6.52	6.52	6.52	6.52	6.52	6.53	6.53	6.53	6.53
	2001	0.00	0.23	1.29	2.46	3.48	4.19	5.09	5.61	5.93	6.19	6.34	6.45	6.52	6.58	6.61	6.64	6.65	6.67	6.68	6.68	6.69	6.69	6.69	6.69	6.70	6.70	6.70	6.70	6.70	6.70
	2002	0.00	0.20	1.22	2.42	3.40	4.69	5.39	5.88	6.26	6.49	6.64	6.75	6.82	6.87	6.90	6.93	6.94	6.95	6.96	6.97	6.97	6.97	6.98	6.98	6.98	6.98	6.98	6.98	6.98	6.98
	2003	0.01	0.34	1.49	2.78	4.72	5.83	6.57	7.18	7.55	7.79	7.95	8.06	8.14	8.18	8.22	8.24	8.25	8.27	8.27	8.28	8.28	8.29	8.29	8.29	8.29	8.29	8.29	8.29	8.29	8.29
	2004	0.02	0.45	1.57	4.29	6.31	7.44	8.44	9.11	9.52	9.78	9.95	10.07	10.14	10.19	10.22	10.24	10.25	10.27	10.27	10.28	10.28	10.29	10.29	10.29	10.29	10.29	10.29	10.29	10.29	10.29
	2005	0.03	0.64	3.46	6.41	8.25	10.01	11.19	12.02	12.52	12.82	13.01	13.13	13.20	13.25	13.28	13.31	13.32	13.33	13.33	13.34	13.35	13.35	13.36	13.36	13.36	13.36	13.36	13.36	13.36	13.36
	2006	0.02	0.94	2.99	5.11	7.37	8.93	10.03	10.82	11.30	11.57	11.74	11.84	11.91	11.96	11.99	12.01	12.02	12.03	12.04	12.04	12.05	12.05	12.05	12.05	12.05	12.06	12.06	12.06	12.06	12.06
	2007	0.03	0.66	2.27	4.68	6.71	8.19	9.27	10.07	10.50	10.75	10.90	11.00	11.06	11.10	11.13	11.15	11.16	11.17	11.18	11.18	11.19	11.19	11.19	11.19	11.19	11.20	11.20	11.20	11.20	11.20
	2008	0.02	0.55	2.11	4.36	6.40	7.96	9.16	9.94	10.36	10.60	10.75	10.85	10.91	10.95	10.98	11.00	11.01	11.02	11.03	11.03	11.03	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04	11.04
	2009	0.02	0.52	1.97	4.25	6.42	8.15	9.34	10.10	10.52	10.75	10.90	11.00	11.06	11.10	11.12	11.14	11.16	11.16	11.17	11.18	11.18	11.18	11.18	11.19	11.19	11.19	11.19	11.19	11.19	11.19
	2010	0.02	0.48	1.91	4.30	6.67	8.36	9.50	10.24	10.65	10.88	11.02	11.11	11.17	11.21	11.24	11.26	11.27	11.28	11.28	11.29	11.29	11.29	11.30	11.30	11.30	11.30	11.30	11.30	11.30	11.30
	2011	0.02	0.46	1.96	4.56	6.87	8.51	9.64	10.36	10.75	10.98	11.12	11.21	11.27	11.31	11.33	11.35	11.36	11.37	11.37	11.38	11.38	11.38	11.38	11.39	11.39	11.39	11.39	11.39	11.39	11.39

Cumulative Prepayment Rates				Adjustable Rate Mortgages										by Credit Subsidy Endorsement Cohort																									
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
1985	0.09	2.21	5.99	9.21	12.34	17.50	23.48	30.66	38.77	44.20	46.32	49.91	52.12	56.17	60.50	62.71	65.01	67.77	70.35	71.67	72.22	72.59	72.99	73.27	73.52	73.78	74.03	74.24	74.48	74.69									
1986	0.37	2.65	5.55	9.27	14.22	19.50	27.02	35.19	41.26	44.12	47.37	50.54	54.98	58.94	61.26	63.65	66.45	68.96	70.16	70.60	70.93	71.44	71.79	72.18	72.55	72.95	73.32	73.71	74.05	74.34									
1987	0.04	0.73	3.05	7.54	12.97	20.65	30.32	37.80	41.20	45.43	49.41	54.90	60.21	63.17	66.94	70.22	73.42	74.81	75.36	75.83	76.49	76.95	77.40	77.86	78.29	78.68	79.09	79.44	79.74	80.02									
1988	0.28	1.86	6.42	12.95	21.39	31.98	39.75	43.23	47.76	51.43	56.59	61.24	64.11	67.75	70.99	73.69	74.99	75.52	75.97	76.60	77.05	77.51	77.98	78.44	78.86	79.31	79.68	80.01	80.30	80.56									
1989	0.23	2.90	9.05	17.46	29.03	37.56	41.78	46.50	50.57	56.43	61.75	64.30	67.68	71.24	73.73	75.40	75.95	76.38	77.00	77.43	77.89	78.34	78.81	79.23	79.69	80.06	80.39	80.69	80.94	81.17									
1990	0.11	1.88	7.14	16.21	25.94	31.85	39.86	46.12	54.20	60.60	64.60	69.69	74.14	77.71	79.37	79.92	80.39	81.07	81.57	82.05	82.56	83.03	83.44	83.88	84.24	84.56	84.84	85.08	85.30	85.48									
1991	0.11	1.70	7.57	15.65	21.60	30.77	38.54	48.53	56.92	61.40	67.69	73.27	77.69	79.71	80.40	80.97	81.75	82.29	82.81	83.33	83.80	84.21	84.65	85.02	85.33	85.61	85.85	86.06	86.24	86.41									
1992	0.20	3.13	9.77	16.29	27.28	35.85	47.77	57.13	61.90	68.36	73.91	78.50	80.69	81.44	82.02	82.80	83.32	83.84	84.33	84.80	85.20	85.63	85.98	86.28	86.55	86.78	86.99	87.17	87.32	87.46									
1993	0.49	3.94	9.24	20.84	29.65	42.92	53.58	58.71	67.00	73.46	78.74	81.13	81.91	82.51	83.32	83.85	84.38	84.88	85.34	85.74	86.16	86.50	86.80	87.06	87.28	87.48	87.65	87.80	87.93	88.05									
1994	0.28	2.99	13.23	23.11	38.67	50.11	55.80	64.82	71.96	77.78	80.49	81.38	82.07	82.98	83.57	84.15	84.70	85.21	85.64	86.09	86.46	86.77	87.05	87.28	87.48	87.66	87.82	87.95	88.07	88.18									
1995	1.27	9.51	22.48	46.38	58.07	62.96	70.38	75.82	79.97	82.13	82.83	83.38	84.12	84.60	85.07	85.52	85.92	86.27	86.63	86.92	87.17	87.38	87.57	87.73	87.87	87.99	88.09	88.19	88.27	88.34									
1996	0.41	5.47	35.00	54.43	61.01	71.02	76.87	80.97	83.48	84.60	85.43	86.44	87.06	87.62	88.13	88.56	88.92	89.26	89.53	89.75	89.93	90.08	90.20	90.31	90.40	90.47	90.54	90.60	90.65	90.69									
1997	0.70	15.19	42.14	52.38	68.46	75.55	80.32	83.13	84.49	85.50	86.74	87.49	88.16	88.76	89.27	89.68	90.08	90.38	90.62	90.82	90.99	91.12	91.24	91.33	91.41	91.48	91.54	91.60	91.64	91.68									
1998	3.00	21.20	33.58	55.42	66.31	73.66	78.21	80.17	81.69	83.66	84.80	85.89	86.79	87.56	88.18	88.76	89.21	89.56	89.85	90.08	90.27	90.43	90.56	90.68	90.77	90.85	90.92	90.98	91.04	91.08									
1999	0.57	4.04	35.83	55.48	67.37	72.94	75.79	78.27	81.59	83.61	85.28	86.75	87.93	88.82	89.65	90.26	90.73	91.10	91.40	91.64	91.83	91.99	92.12	92.23	92.32	92.40	92.47	92.53	92.58	92.62									
2000	0.77	29.21	48.75	62.22	69.12	72.52	75.16	78.87	81.34	83.58	85.40	86.86	87.98	89.01	89.75	90.32	90.76	91.11	91.39	91.61	91.80	91.95	92.07	92.18	92.27	92.35	92.41	92.47	92.52	92.56									
2001	4.06	19.37	40.49	52.08	58.50	62.85	68.56	72.58	76.58	80.07	82.75	84.73	86.50	87.75	88.69	89.41	89.96	90.40	90.75	91.03	91.25	91.44	91.60	91.73	91.84	91.94	92.02	92.09	92.15	92.20									
2002	1.91	26.12	39.36	48.79	54.78	61.98	66.76	71.65	76.29	79.95	82.62	84.95	86.56	87.75	88.64	89.32	89.85	90.26	90.59	90.86	91.08	91.25	91.40	91.53	91.63	91.72	91.80	91.87	91.92	91.97									
2003	5.24	17.76	31.14	39.89	49.92	56.08	62.59	68.55	73.97	77.90	81.26	83.53	85.17	86.37	87.27	87.96	88.49	88.91	89.25	89.52	89.74	89.92	90.07	90.20	90.30	90.39	90.47	90.54	90.60	90.65									
2004	2.77	14.90	25.17	38.33	46.71	53.03	59.94	66.08	71.52	76.22	79.46	81.73	83.36	84.55	85.43	86.11	86.63	87.04	87.37	87.63	87.84	88.02	88.16	88.28	88.39	88.47	88.55	88.61	88.67	88.72									
2005	2.05	9.09	22.46	32.84	40.52	48.15	54.89	61.04	67.58	72.51	75.91	78.29	79.99	81.24	82.17	82.88	83.42	83.85	84.19	84.47	84.69	84.87	85.03	85.15	85.26	85.35	85.43	85.50	85.55	85.60									
2006	1.54	11.06	22.69	33.22	43.04	50.83	57.66	64.62	70.73	75.21	78.27	80.41	81.95	83.07	83.91	84.55	85.04	85.43	85.74	85.98	86.18	86.35	86.49	86.60	86.70	86.78	86.85	86.91	86.96	87.01									
2007	2.10	10.29	22.64	35.07	44.72	52.81	60.56	67.17	72.93	77.06	79.88	81.85	83.27	84.30	85.08	85.67	86.12	86.48	86.76	86.99	87.18	87.33	87.46	87.56	87.65	87.73	87.79	87.85	87.90	87.94									
2008	1.72	10.41	22.00	33.25	43.70	53.37	61.06	67.64	73.34	77.41	80.18	82.12	83.51	84.53	85.29	85.87	86.32	86.67	86.95	87.17	87.36	87.51	87.63	87.74	87.82	87.90	87.96	88.02	88.07	88.11									
2009	2.02	9.90	19.57	31.37	43.93	53.57	61.20	67.74	73.40	77.41	80.15	82.06	83.44	84.44	85.20	85.77	86.21	86.56	86.83	87.05	87.23	87.38	87.50	87.61	87.69	87.77	87.83	87.89	87.93	87.97									
2010	1.73	8.29	18.33	32.47	44.90	54.32	61.77	68.19	73.70	77.61	80.27	82.14	83.47	84.45	85.18	85.74	86.17	86.51	86.77	86.99	87.16	87.31	87.43	87.53	87.61	87.69	87.75	87.80	87.84	87.88									
2011	1.51	8.19	20.12	33.92	45.94	55.12	62.37	68.61	73.98	77.79	80.39	82.21	83.51	84.47	85.18	85.72	86.14	86.47	86.73	86.94	87.11	87.25	87.37	87.47	87.55	87.62	87.68	87.73	87.78	87.81									

Conditional Claim Rates		Adjustable Rate Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																		
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1987	0.00	0.31	0.79	1.81	3.13	1.15	1.30	1.52	0.86	0.62	0.34	0.00	0.43	1.01	1.66	0.66	0.00	0.10	0.14	0.12	0.16	0.09	0.06	0.07	0.06	0.06	0.05	0.05	0.05	0.04
1988	0.00	0.69	0.71	3.05	1.65	0.92	1.10	1.14	3.53	1.37	1.59	0.00	0.00	0.00	0.00	0.00	0.20	0.23	0.18	0.24	0.14	0.11	0.08	0.05	0.05	0.04	0.04	0.03	0.03	0.02
1989	0.00	7.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	0.00	0.00	0.00	10.00	0.00	0.00	25.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	0.00	0.00	0.55	0.94	0.36	1.23	3.13	1.82	0.00	0.00	0.00	0.00	0.00	0.21	0.22	0.19	0.29	0.18	0.11	0.13	0.12	0.10	0.09	0.09	0.07	0.06	0.05	0.04	0.03	0.03
1992	0.00	0.12	0.34	0.50	0.92	1.03	0.89	1.03	0.63	0.21	0.42	0.14	0.18	0.24	0.19	0.28	0.17	0.12	0.13	0.13	0.11	0.10	0.10	0.09	0.08	0.07	0.06	0.06	0.05	0.05
1993	0.01	0.22	0.84	1.56	2.47	2.13	1.64	1.33	0.67	0.56	0.30	0.24	0.25	0.21	0.32	0.20	0.13	0.15	0.14	0.13	0.12	0.12	0.11	0.09	0.08	0.07	0.07	0.06	0.05	0.05
1994	0.01	0.45	1.84	3.04	2.83	2.42	1.64	0.82	0.56	0.36	0.39	0.28	0.21	0.32	0.20	0.15	0.15	0.15	0.13	0.12	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.05	0.04
1995	0.02	0.48	1.89	2.40	3.91	2.93	0.90	1.40	0.88	0.60	0.52	0.44	0.47	0.28	0.19	0.21	0.20	0.18	0.16	0.16	0.14	0.13	0.11	0.10	0.09	0.08	0.07	0.06	0.06	0.05
1996	0.01	0.36	1.87	3.34	2.94	1.46	1.66	1.29	1.36	0.97	0.76	1.07	0.68	0.47	0.50	0.49	0.44	0.38	0.39	0.35	0.31	0.28	0.25	0.22	0.20	0.18	0.16	0.14	0.13	0.11
1997	0.01	0.33	1.55	3.30	2.37	2.37	2.41	1.40	1.04	0.82	1.22	0.78	0.53	0.57	0.56	0.50	0.44	0.45	0.40	0.35	0.32	0.28	0.25	0.22	0.20	0.18	0.16	0.14	0.13	0.11
1998	0.01	0.31	1.16	1.33	1.56	1.60	1.80	1.18	0.86	1.37	0.86	0.64	0.65	0.63	0.57	0.50	0.51	0.45	0.40	0.36	0.32	0.29	0.26	0.23	0.20	0.18	0.16	0.14	0.13	0.11
1999	0.01	0.14	0.57	1.33	3.01	1.99	1.21	1.02	1.50	0.97	0.64	0.71	0.69	0.61	0.54	0.55	0.49	0.44	0.39	0.35	0.31	0.28	0.25	0.22	0.20	0.18	0.16	0.14	0.12	0.11
2000	0.00	0.15	1.39	3.83	2.27	1.18	0.92	1.45	0.91	0.67	0.68	0.67	0.60	0.52	0.53	0.48	0.43	0.38	0.34	0.30	0.27	0.24	0.21	0.19	0.17	0.15	0.14	0.12	0.11	0.10
2001	0.00	0.17	1.76	1.88	1.45	1.19	1.79	1.19	0.77	0.86	0.84	0.75	0.66	0.67	0.60	0.53	0.48	0.42	0.38	0.34	0.30	0.27	0.24	0.21	0.19	0.17	0.15	0.13	0.12	0.11
2002	0.00	0.29	1.09	1.22	1.11	1.69	1.09	0.74	0.79	0.77	0.69	0.60	0.61	0.55	0.49	0.44	0.39	0.35	0.31	0.28	0.25	0.22	0.20	0.17	0.16	0.14	0.12	0.11	0.10	0.09
2003	0.01	0.33	0.79	1.18	1.90	1.23	0.83	0.85	0.83	0.74	0.65	0.66	0.59	0.53	0.47	0.42	0.38	0.33	0.30	0.27	0.24	0.21	0.19	0.17	0.15	0.13	0.12	0.11	0.09	0.08
2004	0.01	0.39	1.02	3.04	2.47	1.06	1.07	0.98	0.85	0.71	0.74	0.66	0.59	0.52	0.47	0.42	0.37	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.13	0.12	0.10	0.09	0.08
2005	0.09	0.97	3.72	4.33	2.02	1.78	1.37	1.08	0.84	0.82	0.72	0.64	0.57	0.51	0.46	0.41	0.36	0.32	0.29	0.26	0.23	0.20	0.18	0.16	0.14	0.13	0.12	0.10	0.09	0.08
2006	0.05	1.24	2.52	2.31	2.33	1.80	1.30	1.02	0.97	0.82	0.73	0.65	0.58	0.52	0.46	0.41	0.37	0.33	0.29	0.26	0.23	0.21	0.18	0.16	0.15	0.13	0.12	0.10	0.09	0.08
2007	0.07	0.88	1.46	2.58	2.35	1.65	1.21	1.16	0.95	0.82	0.73	0.65	0.58	0.51	0.46	0.41	0.37	0.33	0.29	0.26	0.23	0.21	0.18	0.16	0.15	0.13	0.12	0.10	0.09	0.08
2008	0.04	0.54	1.43	2.65	2.25	1.55	1.41	1.16	0.95	0.82	0.73	0.65	0.58	0.52	0.46	0.41	0.37	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.13	0.12	0.10	0.09	0.08
2009	0.03	0.54	1.46	2.54	2.11	1.79	1.40	1.15	0.95	0.82	0.73	0.65	0.58	0.52	0.46	0.41	0.37	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.13	0.12	0.10	0.09	0.08
2010	0.03	0.54	1.39	2.37	2.43	1.77	1.39	1.14	0.95	0.82	0.73	0.65	0.58	0.52	0.46	0.41	0.37	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.13	0.12	0.10	0.09	0.08
2011	0.03	0.52	1.33	2.82	2.45	1.79	1.40	1.15	0.95	0.82	0.73	0.65	0.58	0.52	0.46	0.41	0.37	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.13	0.12	0.10	0.09	0.08

Conditional Prepayment Rates			Adjustable Rate Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																	
Policy\Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1987	0.16	1.55	2.85	3.78	6.43	10.19	13.23	9.90	7.16	7.79	7.48	13.65	14.53	8.04	14.36	15.13	18.75	12.17	10.73	9.07	13.61	10.35	11.06	12.26	13.29	13.49	16.59	16.67	16.70	16.73
1988	1.36	2.76	5.71	4.58	8.26	15.60	2.20	2.27	10.59	12.33	15.87	13.46	11.11	5.13	18.92	6.67	6.52	7.27	6.13	9.27	6.53	7.01	7.81	8.71	8.50	10.06	9.56	9.00	8.43	7.84
1989	0.00	7.14	0.00	8.33	0.00	9.09	10.00	11.11	12.50	14.29	16.67	40.00	33.33	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	0.00	26.67	9.09	10.00	0.00	0.00	12.50	20.00	66.67	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	0.00	3.95	12.33	11.95	11.55	20.08	10.94	17.58	21.05	12.38	18.48	20.00	30.00	14.52	10.18	8.79	12.85	9.62	9.42	11.37	11.45	11.13	13.22	12.66	11.99	11.27	10.50	9.69	8.86	8.02
1992	0.63	7.15	11.66	10.16	15.67	12.87	19.81	18.78	13.66	18.87	21.72	24.83	16.39	10.61	8.94	13.32	10.06	10.61	11.98	12.90	13.13	16.16	16.24	16.28	16.33	16.36	16.39	16.43	16.47	16.52
1993	1.54	8.65	8.89	12.96	10.82	17.54	17.47	13.60	23.40	24.29	26.63	16.35	10.27	8.82	13.07	9.84	10.35	11.79	12.62	12.75	15.71	15.81	15.84	15.88	15.92	15.96	15.99	16.03	16.07	16.11
1994	2.78	6.72	11.04	10.17	15.93	16.52	11.90	19.16	21.02	25.22	17.63	9.81	7.98	12.24	9.08	9.79	10.82	11.82	12.06	14.87	14.96	15.00	15.04	15.08	15.12	15.15	15.19	15.22	15.26	15.29
1995	2.14	16.63	19.17	27.88	19.55	13.90	23.01	24.97	24.27	17.83	9.34	8.10	12.59	9.54	10.04	11.42	12.21	12.30	15.17	15.25	15.29	15.33	15.37	15.41	15.44	15.48	15.52	15.56	15.60	15.64
1996	2.27	19.07	39.56	32.74	15.80	28.20	27.17	27.91	25.00	17.39	14.69	21.60	16.54	17.50	19.54	21.01	21.36	25.91	26.05	26.11	26.17	26.23	26.30	26.36	26.42	26.48	26.53	26.59	26.65	26.72
1997	3.37	33.37	41.57	20.02	37.18	29.73	32.41	28.01	17.53	14.93	22.00	16.87	17.49	20.22	21.39	21.62	26.21	26.34	26.39	26.45	26.51	26.56	26.61	26.67	26.72	26.87	26.93	26.98	27.04	27.09
1998	8.42	37.26	21.72	39.11	32.61	35.07	27.98	18.09	14.84	22.30	16.85	18.12	20.05	21.71	22.07	26.78	26.93	26.99	27.06	27.12	27.18	27.24	27.30	27.36	27.42	27.48	27.53	27.59	27.65	27.71
1999	2.64	9.47	30.64	27.78	27.72	24.59	17.99	15.67	22.52	17.35	18.21	20.52	21.90	22.17	26.86	27.02	27.09	27.15	27.21	27.28	27.34	27.40	27.46	27.52	27.58	27.63	27.69	27.75	27.80	27.86
2000	1.89	22.78	22.46	20.98	19.70	17.25	14.44	21.74	16.42	17.58	19.64	21.17	21.46	26.02	26.16	26.22	26.28	26.35	26.41	26.47	26.56	26.63	26.68	26.74	26.80	26.87	26.92	27.00	27.06	27.11
2001	2.47	26.90	30.46	22.46	17.22	14.72	21.46	16.86	17.56	20.13	21.32	21.50	26.08	26.22	26.29	26.36	26.44	26.51	26.58	26.64	26.71	26.77	26.83	26.90	26.96	27.03	27.09	27.16	27.22	27.28
2002	4.47	32.32	22.92	16.79	13.94	20.70	16.15	17.28	19.35	20.78	21.07	25.58	25.71	25.78	25.85	25.92	25.99	26.06	26.12	26.18	26.25	26.31	26.37	26.44	26.50	26.56	26.62	26.68	26.74	26.81
2003	9.14	21.91	18.13	13.36	19.76	15.56	17.32	18.98	20.71	21.10	25.61	25.75	25.82	25.89	25.96	26.04	26.11	26.18	26.24	26.31	26.37	26.44	26.50	26.57	26.63	26.70	26.76	26.83	26.89	26.96
2004	6.94	21.12	14.03	18.40	15.98	14.58	18.57	19.68	20.72	24.42	25.79	25.86	25.93	26.00	26.07	26.14	26.21	26.28	26.34	26.41	26.47	26.54	26.60	26.67	26.73	26.80	26.86	26.92	26.99	27.05
2005	8.95	13.56	17.91	14.36	12.84	16.74	18.08	19.26	23.47	25.59	25.84	25.92	25.99	26.06	26.13	26.20	26.27	26.34	26.40	26.47	26.53	26.60	26.66	26.73	26.79	26.86	26.92	26.98	27.04	27.10
2006	5.63	17.98	15.76	12.96	16.18	17.48	18.83	22.65	24.90	25.68	25.83	25.91	25.98	26.05	26.12	26.19	26.26	26.32	26.39	26.46	26.52	26.59	26.65	26.72	26.78	26.84	26.91	26.97	27.03	27.09
2007	8.05	15.42	14.00	15.33	16.58	18.34	22.08	24.02	25.15	25.73	25.84	25.92	25.99	26.06	26.13	26.20	26.26	26.33	26.40	26.46	26.53	26.60	26.66	26.72	26.79	26.85	26.92	26.98	27.04	27.10
2008	5.95	14.09	13.52	13.69	17.10	21.43	23.23	24.11	25.20	25.72	25.83	25.91	25.98	26.05	26.12	26.19	26.26	26.32	26.39	26.46	26.52	26.59	26.65	26.72	26.78	26.84	26.91	26.97	27.03	27.09
2009	5.98	13.02	11.06	13.81	20.03	22.52	23.28	24.18	25.24	25.73	25.83	25.91	25.98	26.05	26.12	26.19	26.26	26.32	26.39	26.46	26.52	26.59	26.65	26.72	26.78	26.84	26.91	26.97	27.03	27.09
2010	5.19	10.64	11.16	16.35	21.10	22.57	23.32	24.23	25.27	25.74	25.83	25.91	25.98	26.05	26.12	26.19	26.26	26.32	26.39	26.45	26.52	26.59	26.65	26.72	26.78	26.84	26.91	26.97	27.03	27.09
2011	4.43	10.71	13.15	17.20	20.99	22.55	23.31	24.22	25.26	25.73	25.83	25.90	25.98	26.05	26.12	26.19	26.25	26.32	26.39	26.45	26.52	26.59	26.65	26.72	26.78	26.84	26.91	26.97	27.03	27.09

Cumulative Claim Rates		Adjustable Rate Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																			
Policy\Book		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1987	0.00	0.31	1.09	2.79	5.58	6.51	7.44	8.37	8.84	9.15	9.30	9.30	9.46	9.77	10.23	10.39	10.39	10.40	10.42	10.44	10.46	10.47	10.47	10.48	10.48	10.48	10.49	10.49	10.49	10.49	
1988	0.00	0.68	1.36	4.08	5.44	6.12	6.80	7.48	9.52	10.20	10.88	10.88	11.56	11.56	11.56	11.56	11.60	11.64	11.67	11.71	11.73	11.75	11.76	11.76	11.77	11.77	11.77	11.78	11.78	11.78	
1989	0.00	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	7.14	
1990	0.00	0.00	0.00	6.67	6.67	6.67	20.00	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	26.67	
1991	0.00	0.00	0.53	1.32	1.58	2.37	3.95	4.74	4.74	4.74	4.74	4.74	4.74	4.76	4.78	4.80	4.82	4.83	4.84	4.85	4.85	4.86	4.86	4.86	4.86	4.87	4.87	4.87	4.87	4.87	
1992	0.00	0.12	0.44	0.84	1.51	2.13	2.60	3.02	3.23	3.29	3.39	3.41	3.44	3.46	3.48	3.51	3.52	3.53	3.54	3.54	3.55	3.55	3.56	3.56	3.56	3.56	3.56	3.56	3.57	3.57	
1993	0.01	0.23	0.98	2.24	3.95	5.23	6.01	6.53	6.76	6.90	6.95	6.99	7.02	7.04	7.07	7.09	7.10	7.10	7.11	7.12	7.12	7.13	7.13	7.13	7.14	7.14	7.14	7.14	7.14	7.14	
1994	0.01	0.45	2.10	4.49	6.42	7.76	8.50	8.82	8.99	9.08	9.15	9.19	9.22	9.26	9.28	9.29	9.31	9.32	9.33	9.33	9.34	9.35	9.35	9.35	9.35	9.36	9.36	9.36	9.36	9.36	
1995	0.02	0.49	2.02	3.56	5.31	6.31	6.56	6.87	7.00	7.08	7.13	7.17	7.20	7.22	7.24	7.25	7.26	7.26	7.27	7.28	7.28	7.29	7.29	7.29	7.29	7.29	7.29	7.29	7.29	7.29	
1996	0.01	0.36	1.83	3.37	4.24	4.59	4.86	5.02	5.14	5.20	5.23	5.28	5.30	5.32	5.33	5.34	5.34	5.35	5.35	5.35	5.36	5.36	5.36	5.36	5.36	5.36	5.36	5.36	5.36	5.36	
1997	0.01	0.33	1.32	2.53	3.19	3.59	3.86	3.97	4.02	4.06	4.10	4.12	4.14	4.15	4.16	4.16	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	
1998	0.01	0.29	0.96	1.54	1.95	2.23	2.43	2.52	2.57	2.64	2.68	2.70	2.72	2.73	2.74	2.74	2.75	2.75	2.75	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	
1999	0.01	0.14	0.65	1.45	2.74	3.33	3.60	3.78	4.00	4.10	4.16	4.21	4.25	4.28	4.30	4.31	4.32	4.33	4.33	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	
2000	0.00	0.15	1.20	3.41	4.39	4.79	5.04	5.38	5.54	5.64	5.73	5.79	5.83	5.87	5.89	5.90	5.91	5.92	5.92	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	
2001	0.00	0.17	1.42	2.32	2.85	3.21	3.65	3.88	4.00	4.11	4.20	4.26	4.30	4.33	4.35	4.36	4.37	4.37	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	
2002	0.00	0.28	0.98	1.58	2.02	2.60	2.89	3.05	3.19	3.30	3.38	3.43	3.47	3.50	3.51	3.53	3.53	3.54	3.54	3.54	3.54	3.54	3.54	3.55	3.55	3.55	3.55	3.55	3.55	3.55	
2003	0.01	0.30	0.86	1.53	2.47	2.94	3.20	3.42	3.60	3.72	3.80	3.87	3.91	3.93	3.95	3.96	3.97	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.99	3.99	
2004	0.01	0.37	1.12	3.00	4.21	4.63	4.99	5.26	5.44	5.56	5.65	5.71	5.75	5.78	5.79	5.81	5.81	5.82	5.82	5.82	5.82	5.82	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	
2005	0.09	0.96	3.85	6.49	7.49	8.24	8.71	9.01	9.20	9.33	9.42	9.48	9.52	9.54	9.56	9.57	9.57	9.58	9.58	9.58	9.59	9.59	9.59	9.59	9.59	9.59	9.59	9.59	9.59	9.59	
2006	0.05	1.22	3.14	4.58	5.81	6.58	7.03	7.32	7.52	7.65	7.73	7.79	7.83	7.85	7.86	7.87	7.88	7.89	7.89	7.89	7.89	7.89	7.89	7.89	7.89	7.89	7.89	7.89	7.89	7.89	
2007	0.07	0.88	2.01	3.69	4.94	5.65	6.07	6.38	6.57	6.69	6.76	6.82	6.85	6.87	6.89	6.89	6.90	6.90	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	
2008	0.04	0.55	1.69	3.50	4.78	5.50	6.00	6.31	6.50	6.62	6.70	6.75	6.78	6.80	6.82	6.83	6.84	6.84	6.84	6.84	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	
2009	0.03	0.54	1.73	3.53	4.78	5.61	6.10	6.41	6.59	6.71	6.79	6.84	6.88	6.90	6.91	6.92	6.93	6.93	6.93	6.94	6.94	6.94	6.94	6.94	6.94	6.94	6.94	6.94	6.94	6.94	
2010	0.03	0.55	1.72	3.47	4.92	5.73	6.22	6.51	6.70	6.82	6.89	6.94	6.98	6.98	7.00	7.01	7.02	7.03	7.03	7.03	7.04	7.04	7.04	7.04	7.04	7.04	7.04	7.04	7.04	7.04	
2011	0.03	0.53	1.66	3.70	5.12	5.92	6.38	6.68	6.85	6.97	7.04	7.09	7.12	7.15	7.16	7.17	7.17	7.18	7.18	7.18	7.18	7.18	7.18	7.18	7.19	7.19	7.19	7.19	7.19	7.19	

Cumulative Prepayment Rates			Adjustable Rate Streamline Refinance Mortgages										by Credit Subsidy Endorsement Cohort																	
Policy/Book	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1987	0.16	1.71	4.50	8.06	13.80	22.02	31.47	37.52	41.40	45.27	48.68	54.42	59.69	62.17	66.20	69.77	73.49	75.45	76.97	78.11	79.67	80.69	81.67	82.63	83.55	84.35	85.21	85.93	86.53	87.03
1988	1.36	4.08	9.52	13.61	20.41	31.97	33.33	34.69	40.82	46.94	53.74	58.50	61.90	63.27	68.03	69.39	70.63	71.92	72.93	74.36	75.27	76.18	77.12	78.09	78.95	79.88	80.68	81.36	81.94	82.43
1989	0.00	7.14	7.14	14.29	14.29	21.43	28.57	35.71	42.86	50.00	57.14	71.43	78.57	78.57	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71	85.71
1990	0.00	26.67	33.33	40.00	40.00	40.00	46.67	53.33	66.67	66.67	66.67	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33	73.33
1991	0.00	3.95	15.79	25.79	34.21	47.11	52.63	60.26	67.63	71.05	75.53	79.47	84.21	85.82	86.77	87.52	88.50	89.15	89.71	90.33	90.89	91.36	91.86	92.28	92.62	92.90	93.14	93.33	93.49	93.62
1992	0.63	7.74	18.48	26.72	38.07	45.85	56.15	63.90	68.42	73.77	78.75	83.19	85.38	86.57	87.46	88.67	89.46	90.20	90.95	91.66	92.29	92.96	93.53	94.00	94.40	94.74	95.01	95.25	95.44	95.61
1993	1.54	10.06	18.04	28.53	36.02	46.55	54.98	60.28	68.05	74.17	79.21	81.47	82.66	83.57	84.80	85.60	86.35	87.13	87.85	88.50	89.18	89.77	90.26	90.67	91.02	91.32	91.56	91.77	91.95	92.09
1994	2.78	9.32	19.28	27.28	38.15	47.30	52.65	60.09	66.63	72.78	75.98	77.44	78.50	80.01	80.98	81.93	82.88	83.81	84.64	85.53	86.30	86.96	87.51	87.99	88.39	88.73	89.02	89.27	89.48	89.66
1995	2.14	18.41	33.95	51.80	60.53	65.28	71.82	77.22	81.08	83.20	84.11	84.82	85.83	86.49	87.13	87.77	88.38	88.91	89.49	89.99	90.41	90.76	91.06	91.32	91.53	91.71	91.87	92.00	92.11	92.20
1996	2.27	20.91	52.06	67.15	71.81	78.57	83.14	86.49	88.61	89.70	90.45	91.38	91.93	92.42	92.86	93.24	93.54	93.83	94.05	94.20	94.32	94.41	94.47	94.51	94.55	94.57	94.59	94.61	94.62	94.62
1997	3.37	35.61	62.24	69.53	79.92	84.94	88.66	90.75	91.68	92.32	93.12	93.59	93.99	94.37	94.68	94.93	95.17	95.35	95.47	95.57	95.64	95.69	95.72	95.75	95.77	95.79	95.80	95.80	95.81	95.81
1998	8.42	42.54	54.96	72.20	80.76	86.82	89.89	91.28	92.20	93.36	94.04	94.63	95.17	95.63	95.99	96.33	96.58	96.76	96.89	96.99	97.06	97.11	97.15	97.17	97.19	97.21	97.22	97.22	97.23	97.23
1999	2.64	11.86	38.83	55.64	67.53	74.84	78.77	81.53	84.84	86.78	88.44	89.96	91.23	92.23	93.17	93.85	94.35	94.71	94.97	95.16	95.30	95.40	95.47	95.52	95.56	95.59	95.61	95.62	95.63	95.64
2000	1.89	24.23	41.22	53.30	61.82	67.65	71.63	76.70	79.64	82.25	84.63	86.67	88.29	89.82	90.95	91.78	92.39	92.83	93.16	93.40	93.58	93.71	93.81	93.88	93.93	93.97	93.99	94.01	94.03	94.04
2001	2.47	28.70	50.37	61.20	67.48	71.84	77.20	80.43	83.18	85.76	87.92	89.62	91.21	92.39	93.25	93.89	94.35	94.69	94.94	95.12	95.25	95.35	95.42	95.48	95.51	95.54	95.56	95.58	95.59	95.60
2002	4.47	35.35	50.10	58.32	63.91	70.96	75.23	79.01	82.48	85.46	87.83	90.08	91.75	92.98	93.89	94.56	95.06	95.43	95.70	95.90	96.04	96.15	96.23	96.29	96.33	96.37	96.39	96.41	96.42	96.43
2003	9.14	29.05	41.86	49.51	59.18	65.15	70.68	75.64	79.97	83.44	86.73	89.17	90.97	92.29	93.27	94.00	94.53	94.92	95.21	95.42	95.58	95.70	95.78	95.84	95.89	95.92	95.95	95.97	95.98	95.99
2004	6.94	26.59	36.84	48.25	56.04	61.84	68.07	73.37	77.80	81.89	85.13	87.51	89.27	90.56	91.52	92.22	92.74	93.12	93.40	93.61	93.76	93.87	93.95	94.01	94.05	94.09	94.11	94.13	94.14	94.15
2005	8.95	21.29	35.22	43.96	50.33	57.39	63.60	68.93	74.11	78.38	81.56	83.90	85.62	86.89	87.82	88.51	89.01	89.38	89.66	89.86	90.01	90.12	90.20	90.25	90.30	90.33	90.35	90.37	90.38	90.39
2006	5.63	22.60	34.60	42.67	51.21	58.72	65.25	71.53	76.80	80.82	83.80	85.99	87.61	88.80	89.67	90.32	90.79	91.14	91.40	91.59	91.73	91.83	91.90	91.96	92.00	92.03	92.05	92.06	92.08	92.08
2007	8.05	22.22	32.98	42.95	51.79	59.73	67.37	73.75	78.75	82.53	85.31	87.37	88.88	89.99	90.81	91.41	91.86	92.19	92.43	92.60	92.73	92.83	92.90	92.95	92.99	93.01	93.03	93.05	93.06	93.07
2008	5.95	19.20	30.05	39.39	49.15	59.02	67.27	73.71	78.75	82.54	85.34	87.41	88.92	90.04	90.87	91.47	91.92	92.25	92.49	92.67	92.80	92.89	92.96	93.01	93.05	93.08	93.10	93.11	93.12	93.13
2009	5.98	18.22	27.20	37.02	48.93	59.35	67.51	73.89	78.86	82.60	85.36	87.40	88.89	89.99	90.81	91.40	91.84	92.17	92.40	92.58	92.71	92.80	92.87	92.92	92.96	92.99	93.01	93.02	93.03	93.04
2010	5.19	15.28	24.67	36.70	49.33	59.65	67.73	74.04	78.96	82.65	85.37	87.37	88.85	89.94	90.74	91.33	91.76	92.08	92.31	92.49	92.61	92.71	92.77	92.82	92.86	92.89	92.91	92.92	92.93	92.94
2011	4.43	14.67	25.81	38.29	50.47	60.48	68.31	74.44	79.21	82.80	85.44	87.39	88.82	89.88	90.65	91.23	91.65	91.96	92.19	92.35	92.48	92.57	92.63	92.68	92.72	92.74	92.76	92.78	92.79	92.79