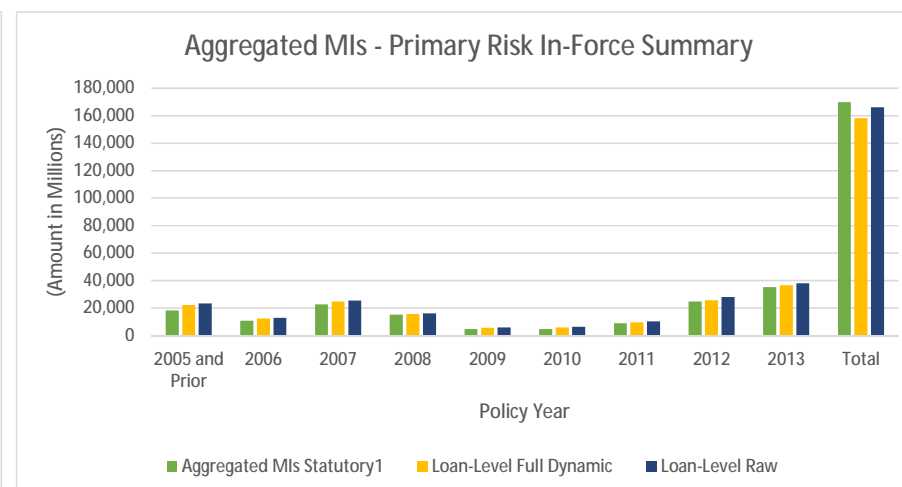
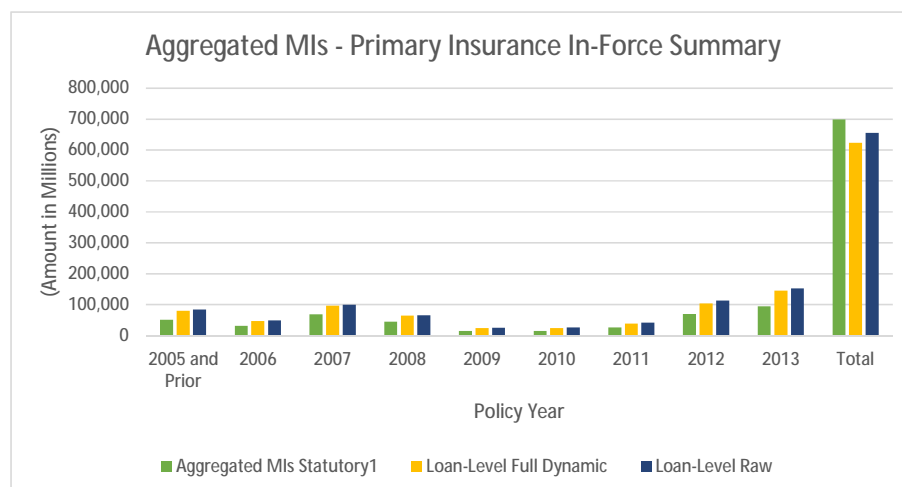
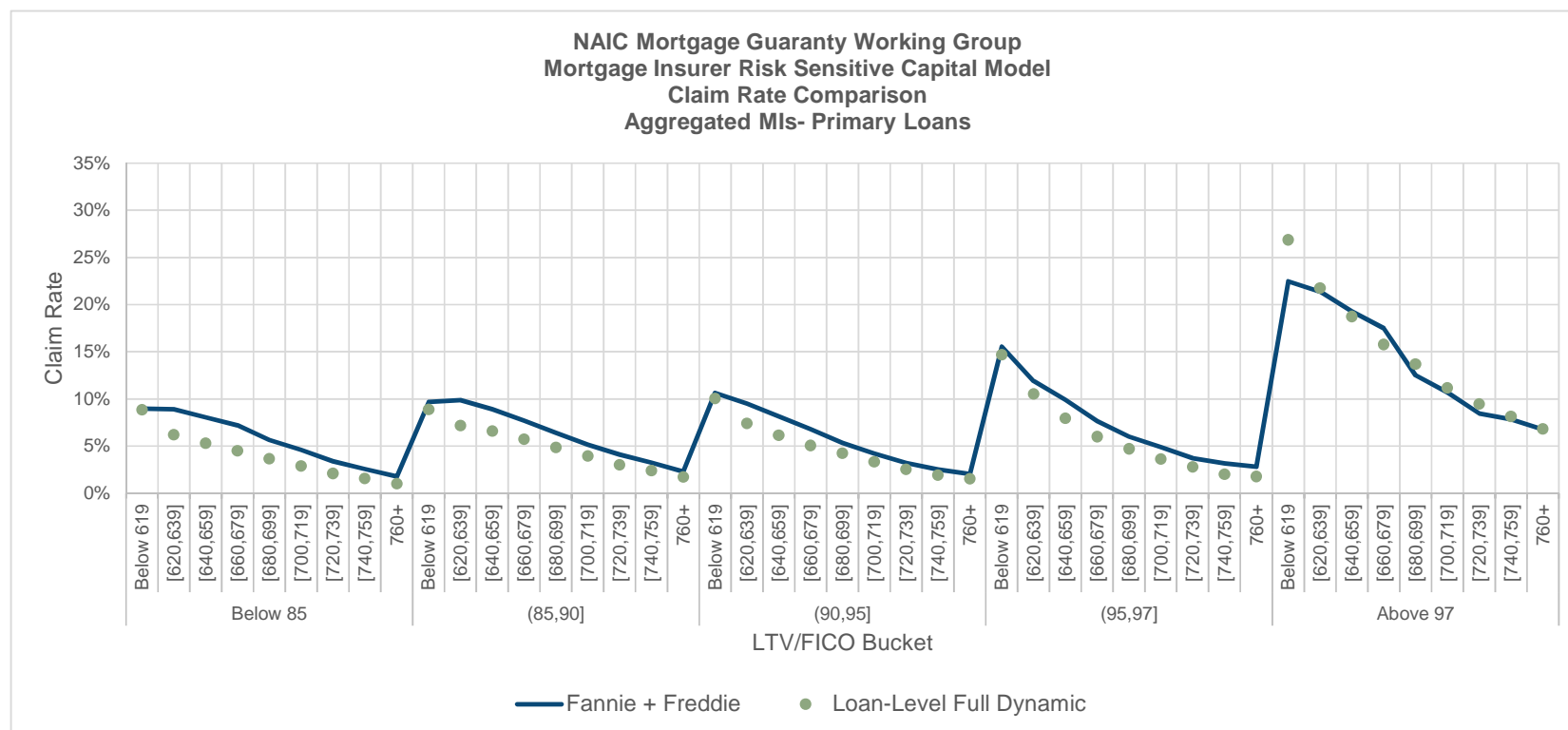


**NAIC Mortgage Guaranty Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Primary In-Force Summary  
Aggregated MIs**

(Amounts in Millions) Policy Year	Aggregated MIs Statutory <sup>1</sup>		Loan-Level Full Dynamic		Loan-Level Raw	
	Insurance In-Force	Risk In-Force	Insurance In-Force	Risk In-Force	Insurance In-Force	Risk In-Force
2005 and Prior	50,465	18,173	80,343	22,111	84,459	23,216
2006	31,940	10,699	47,102	12,367	48,873	12,818
2007	68,123	22,514	96,522	24,737	99,343	25,452
2008	45,102	15,213	64,270	15,766	65,595	16,090
2009	14,612	4,702	24,695	5,611	25,655	5,838
2010	14,549	4,775	23,451	5,822	25,798	6,405
2011	26,162	8,859	38,447	9,675	41,185	10,353
2012	68,805	24,731	103,843	25,611	113,342	28,003
2013	94,660	35,245	145,473	36,466	151,661	38,045
<b>Total</b>	<b>698,868</b>	<b>169,767</b>	<b>624,147</b>	<b>158,166</b>	<b>655,912</b>	<b>166,221</b>

<sup>1</sup> Missing insurance in force data for Radian PMI, and CMG  
Missing risk in force data for PMI and CMG

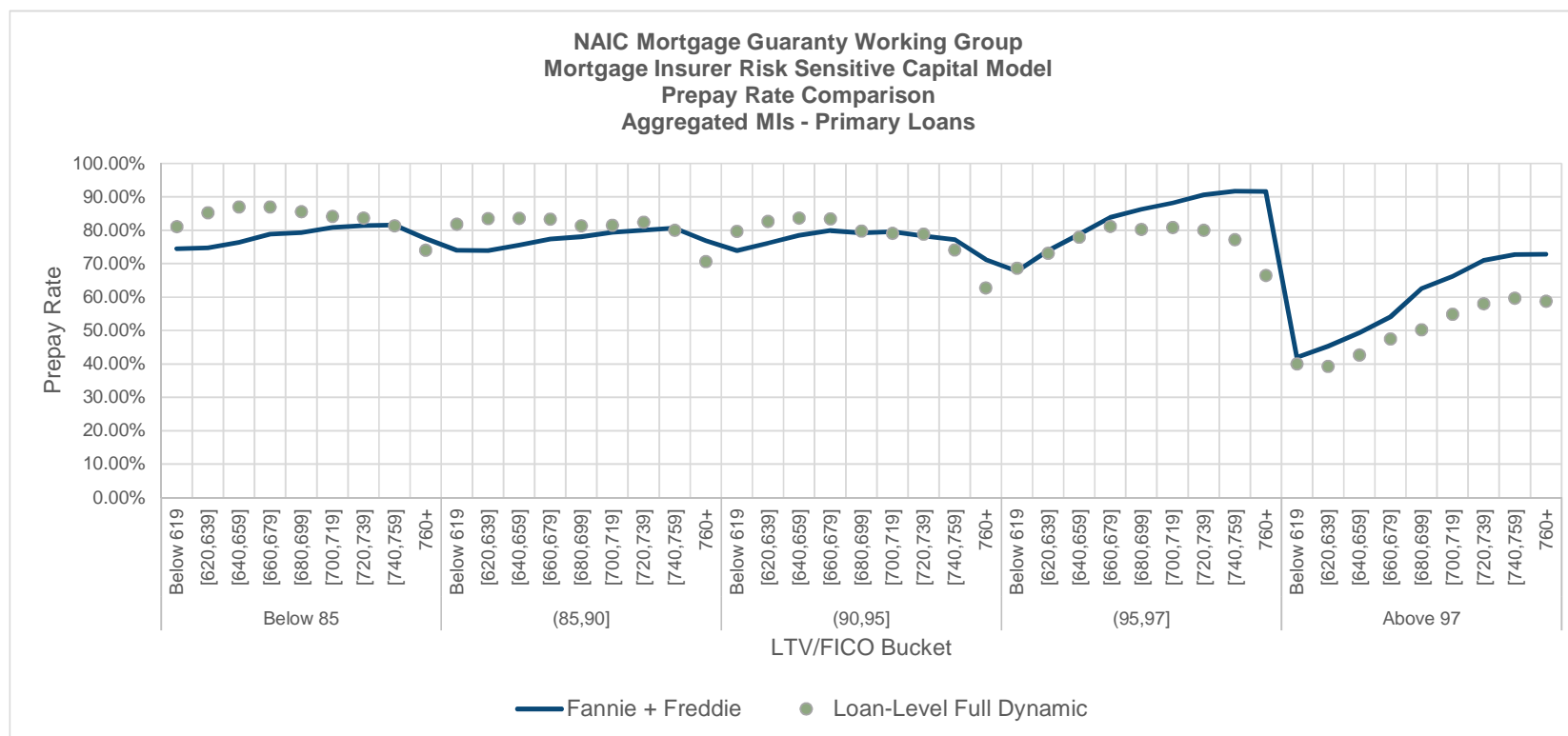




\* GSE data limited to performance observations from 1995 to 2013 for loans originating during or after 1975 and 30-Year, fixed-rate, conventional mortgages only.

\*\* MI data limited to 30-Year, Fixed Rate/Fixed Payment mortgages only

\*\*\* Fannie Mae data does not include loans with an LTV above 97.



\* GSE data limited to performance observations from 1995 to 2013 for loans originating during or after 1975 and 30-Year, fixed-rate, conventional mortgages only.

\*\* MI data limited to 30-Year, Fixed Rate/Fixed Payment mortgages only

\*\*\* Fannie Mae data does not include loans with an LTV above 97.

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
FICO**

Origination Year	Original RIF (\$M)												Missing	Error
	760-850	740-759	720-739	700-719	680-699	660-679	640-659	620-639	600-619	580-599	560-579	300-559		
1995	1,014	1,161	3,804	1,674	1,638	1,315	1,117	798	485	289	165	197	10,177	688
1996	1,793	1,587	3,956	1,802	1,705	1,368	1,191	851	526	303	165	192	10,453	675
1997	2,793	2,443	2,709	2,363	2,221	1,950	1,622	1,203	638	334	175	180	6,529	945
1998	4,918	4,383	4,481	4,242	3,992	3,542	2,866	1,995	918	444	220	267	5,211	2,031
1999	4,338	4,106	4,249	4,222	4,009	3,655	3,016	2,181	1,137	573	309	391	3,849	2,801
2000	4,573	3,872	4,049	4,165	4,007	3,671	3,222	2,494	1,474	906	567	857	1,862	2,774
2001	7,724	6,057	6,510	6,873	7,007	6,801	6,037	4,916	2,900	1,897	1,212	1,502	2,236	4,535
2002	8,952	6,531	6,944	7,325	7,545	7,470	6,375	5,263	3,408	2,188	1,315	1,191	2,660	4,080
2003	11,358	7,832	8,191	8,616	8,774	8,642	7,392	6,148	3,475	2,149	1,310	1,193	3,612	4,429
2004	6,913	4,666	5,252	5,797	6,134	6,323	5,556	4,571	2,485	1,449	875	1,110	1,892	2,867
2005	8,201	4,917	5,378	6,030	6,367	6,043	5,169	4,184	2,382	1,386	834	1,231	1,863	2,743
2006	8,113	4,593	5,141	5,784	6,145	5,551	4,251	3,636	1,943	1,118	628	740	1,215	2,468
2007	11,032	6,080	6,511	7,386	7,733	6,662	5,357	4,446	2,276	1,278	441	407	1,399	3,045
2008	9,945	4,449	4,205	3,939	3,756	2,130	1,405	920	252	123	22	7	1,195	1,415
2009	7,223	2,466	1,936	1,250	773	186	44	18	0	0	0	0	639	485
2010	6,687	2,005	1,500	968	585	91	2	0	-	-	-	0	390	392
2011	8,384	2,569	1,905	1,251	784	230	37	7	0	0	-	-	324	503
2012	15,499	4,939	3,568	2,286	1,477	514	140	40	0	0	0	-	496	926
2013	16,911	6,022	4,769	3,218	2,408	937	341	118	4	3	1	4	433	1,239
<b>All Years</b>	<b>146,371</b>	<b>80,678</b>	<b>85,059</b>	<b>79,191</b>	<b>77,060</b>	<b>67,083</b>	<b>55,138</b>	<b>43,789</b>	<b>24,302</b>	<b>14,440</b>	<b>8,239</b>	<b>9,469</b>	<b>56,433</b>	<b>39,042</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
FICO**

Origination Year	Percent of Original RIF												Missing	Error
	760-850	740-759	720-739	700-719	680-699	660-679	640-659	620-639	600-619	580-599	560-579	300-559		
1995	4.1%	4.7%	15.5%	6.8%	6.7%	5.4%	4.6%	3.3%	2.0%	1.2%	0.7%	0.8%	41.5%	2.8%
1996	6.7%	6.0%	14.9%	6.8%	6.4%	5.2%	4.5%	3.2%	2.0%	1.1%	0.6%	0.7%	39.3%	2.5%
1997	10.7%	9.4%	10.4%	9.1%	8.5%	7.5%	6.2%	4.6%	2.4%	1.3%	0.7%	0.7%	25.0%	3.6%
1998	12.4%	11.1%	11.3%	10.7%	10.1%	9.0%	7.3%	5.0%	2.3%	1.1%	0.6%	0.7%	13.2%	5.1%
1999	11.2%	10.6%	10.9%	10.9%	10.3%	9.4%	7.8%	5.6%	2.9%	1.5%	0.8%	1.0%	9.9%	7.2%
2000	11.9%	10.1%	10.5%	10.8%	10.4%	9.5%	8.4%	6.5%	3.8%	2.4%	1.5%	2.2%	4.8%	7.2%
2001	11.7%	9.1%	9.8%	10.4%	10.6%	10.3%	9.1%	7.4%	4.4%	2.9%	1.8%	2.3%	3.4%	6.8%
2002	12.6%	9.2%	9.7%	10.3%	10.6%	10.5%	8.9%	7.4%	4.8%	3.1%	1.8%	1.7%	3.7%	5.7%
2003	13.7%	9.4%	9.9%	10.4%	10.6%	10.4%	8.9%	7.4%	4.2%	2.6%	1.6%	1.4%	4.3%	5.3%
2004	12.4%	8.3%	9.4%	10.4%	11.0%	11.3%	9.9%	8.2%	4.4%	2.6%	1.6%	2.0%	3.4%	5.1%
2005	14.5%	8.7%	9.5%	10.6%	11.2%	10.7%	9.1%	7.4%	4.2%	2.4%	1.5%	2.2%	3.3%	4.8%
2006	15.8%	8.9%	10.0%	11.3%	12.0%	10.8%	8.3%	7.1%	3.8%	2.2%	1.2%	1.4%	2.4%	4.8%
2007	17.2%	9.5%	10.2%	11.5%	12.1%	10.4%	8.4%	6.9%	3.6%	2.0%	0.7%	0.6%	2.2%	4.8%
2008	29.5%	13.2%	12.5%	11.7%	11.1%	6.3%	4.2%	2.7%	0.7%	0.4%	0.1%	0.0%	3.5%	4.2%
2009	48.1%	16.4%	12.9%	8.3%	5.1%	1.2%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	4.3%	3.2%
2010	53.0%	15.9%	11.9%	7.7%	4.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%	3.1%
2011	52.4%	16.1%	11.9%	7.8%	4.9%	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	3.1%
2012	51.9%	16.5%	11.9%	7.6%	4.9%	1.7%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	1.7%	3.1%
2013	46.4%	16.5%	13.1%	8.8%	6.6%	2.6%	0.9%	0.3%	0.0%	0.0%	0.0%	0.0%	1.2%	3.4%
<b>All Years</b>	<b>18.6%</b>	<b>10.3%</b>	<b>10.8%</b>	<b>10.1%</b>	<b>9.8%</b>	<b>8.5%</b>	<b>7.0%</b>	<b>5.6%</b>	<b>3.1%</b>	<b>1.8%</b>	<b>1.0%</b>	<b>1.2%</b>	<b>7.2%</b>	<b>5.0%</b>

NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
FICO

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)												Missing	Error
	760-850	740-759	720-739	700-719	680-699	660-679	640-659	620-639	600-619	580-599	560-579	300-559		
1995	5	6	46	24	33	36	42	41	33	21	14	28	208	24
1996	5	8	37	17	23	28	36	34	25	15	11	17	134	15
1997	6	6	13	17	23	31	40	37	23	12	9	14	65	13
1998	10	12	18	26	36	51	56	53	30	15	8	20	43	21
1999	12	15	27	37	53	73	82	77	49	30	20	40	38	44
2000	18	20	33	48	63	81	107	110	88	69	50	116	24	57
2001	37	42	64	97	131	181	218	237	186	146	107	163	43	111
2002	56	60	95	127	178	234	254	277	228	176	112	111	68	134
2003	103	106	150	200	252	307	318	325	212	157	101	107	126	163
2004	164	154	212	278	352	407	411	388	222	143	91	126	136	203
2005	493	391	518	680	823	892	837	736	456	269	151	235	299	398
2006	748	573	730	900	1,034	1,081	919	898	546	330	205	243	300	471
2007	1,173	872	1,070	1,334	1,521	1,389	1,243	1,139	658	404	141	145	296	635
2008	439	286	331	356	402	263	197	159	52	27	5	1	117	136
2009	38	20	22	17	16	5	2	1	-	0	-	-	5	5
2010	10	5	3	3	4	0	-	-	-	-	-	-	1	1
2011	3	2	1	1	1	0	-	-	-	-	-	-	0	1
2012	0	1	0	0	0	0	-	-	-	-	-	-	0	0
2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Years	3,318	2,581	3,371	4,160	4,946	5,058	4,763	4,513	2,808	1,815	1,026	1,367	1,902	2,432

NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
FICO

Origination Year	Loss Rate												Missing	Error
	760-850	740-759	720-739	700-719	680-699	660-679	640-659	620-639	600-619	580-599	560-579	300-559		
1995	0.4%	0.6%	1.2%	1.4%	2.0%	2.7%	3.8%	5.2%	6.8%	7.2%	8.4%	14.4%	2.0%	3.5%
1996	0.3%	0.5%	0.9%	1.0%	1.3%	2.1%	3.0%	4.0%	4.7%	4.9%	6.9%	9.1%	1.3%	2.2%
1997	0.2%	0.3%	0.5%	0.7%	1.0%	1.6%	2.5%	3.1%	3.6%	3.7%	5.3%	7.7%	1.0%	1.4%
1998	0.2%	0.3%	0.4%	0.6%	0.9%	1.4%	2.0%	2.6%	3.3%	3.4%	3.8%	7.6%	0.8%	1.0%
1999	0.3%	0.4%	0.6%	0.9%	1.3%	2.0%	2.7%	3.5%	4.4%	5.3%	6.5%	10.2%	1.0%	1.6%
2000	0.4%	0.5%	0.8%	1.2%	1.6%	2.2%	3.3%	4.4%	6.0%	7.6%	8.8%	13.5%	1.3%	2.1%
2001	0.5%	0.7%	1.0%	1.4%	1.9%	2.7%	3.6%	4.8%	6.4%	7.7%	8.8%	10.8%	1.9%	2.4%
2002	0.6%	0.9%	1.4%	1.7%	2.4%	3.1%	4.0%	5.3%	6.7%	8.0%	8.5%	9.3%	2.6%	3.3%
2003	0.9%	1.4%	1.8%	2.3%	2.9%	3.6%	4.3%	5.3%	6.1%	7.3%	7.7%	9.0%	3.5%	3.7%
2004	2.4%	3.3%	4.0%	4.8%	5.7%	6.4%	7.4%	8.5%	8.9%	9.9%	10.4%	11.4%	7.2%	7.1%
2005	6.0%	7.9%	9.6%	11.3%	12.9%	14.8%	16.2%	17.6%	19.1%	19.4%	18.1%	19.0%	16.0%	14.5%
2006	9.2%	12.5%	14.2%	15.6%	16.8%	19.5%	21.6%	24.7%	28.1%	29.5%	32.6%	32.9%	24.7%	19.1%
2007	10.6%	14.3%	16.4%	18.1%	19.7%	20.9%	23.2%	25.6%	28.9%	31.6%	31.9%	35.6%	21.1%	20.9%
2008	4.4%	6.4%	7.9%	9.0%	10.7%	12.3%	14.0%	17.2%	20.6%	22.0%	23.3%	17.4%	9.8%	9.6%
2009	0.5%	0.8%	1.1%	1.3%	2.1%	2.7%	3.8%	5.5%	0.0%	14.4%	0.0%	0.0%	0.8%	1.1%
2010	0.1%	0.2%	0.2%	0.3%	0.7%	0.4%	0.0%	0.0%	0.0%			0.0%	0.3%	0.4%
2011	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%			0.0%	0.1%
2012	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%
2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Years	2.3%	3.2%	4.0%	5.3%	6.4%	7.5%	8.6%	10.3%	11.6%	12.6%	12.5%	14.4%	3.4%	6.2%

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
FICO**

Origination Year	Relativity to Baseline												Missing	Error
	760-850	740-759	720-739	700-719	680-699	660-679	640-659	620-639	600-619	580-599	560-579	300-559		
1995	1.00	1.25	2.67	3.15	4.52	6.05	8.47	11.60	15.16	16.07	18.82	32.25	4.56	7.88
1996	1.00	1.86	3.71	3.74	5.19	8.15	11.85	15.88	18.49	19.23	27.24	35.88	5.04	8.55
1997	1.00	1.28	2.29	3.41	5.01	7.66	12.08	15.06	17.58	18.02	25.65	37.33	4.82	6.86
1998	1.00	1.37	2.03	3.12	4.68	7.39	10.15	13.61	16.82	17.65	19.48	39.41	4.26	5.25
1999	1.00	1.41	2.41	3.28	5.01	7.52	10.23	13.33	16.38	19.92	24.63	38.45	3.72	5.92
2000	1.00	1.33	2.07	2.95	4.01	5.61	8.50	11.29	15.30	19.42	22.47	34.51	3.26	5.24
2001	1.00	1.45	2.06	2.94	3.90	5.54	7.53	10.05	13.38	16.12	18.44	22.61	4.02	5.09
2002	1.00	1.46	2.16	2.75	3.75	4.97	6.32	8.34	10.58	12.75	13.53	14.75	4.08	5.19
2003	1.00	1.51	2.03	2.57	3.18	3.93	4.77	5.86	6.75	8.07	8.55	9.96	3.85	4.09
2004	1.00	1.39	1.71	2.03	2.42	2.72	3.12	3.59	3.78	4.17	4.38	4.80	3.03	2.99
2005	1.00	1.32	1.60	1.87	2.15	2.45	2.69	2.92	3.18	3.23	3.02	3.17	2.66	2.41
2006	1.00	1.35	1.54	1.69	1.82	2.11	2.34	2.68	3.05	3.20	3.53	3.56	2.68	2.07
2007	1.00	1.35	1.55	1.70	1.85	1.96	2.18	2.41	2.72	2.97	3.00	3.35	1.99	1.96
2008	1.00	1.46	1.79	2.05	2.43	2.79	3.18	3.91	4.67	4.99	5.28	3.94	2.22	2.17
2009	1.00	1.54	2.18	2.57	4.06	5.18	7.18	10.54	-	27.40	-	-	1.45	2.06
2010	1.00	1.64	1.53	1.77	4.49	2.90	-	-	-	-	-	-	2.02	2.36
2011	1.00	2.44	1.78	2.46	3.35	1.83	-	-	-	-	-	-	0.80	3.42
2012	1.00	3.39	1.01	3.30	0.54	11.75	-	-	-	-	-	-	1.90	2.67
2013														
All Years	1.00	1.60	2.01	2.63	3.46	5.03	6.71	8.74	10.56	12.88	14.14	20.28	3.13	4.23



**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan-to-Value Ratio**

Origination Year	Original RIF (\$M)						Missing
	(0, 80]	(80, 85]	(85, 90]	(90, 95]	(95, 100]	100+	
1995	182	909	10,264	12,294	870	2	-
1996	399	1,145	11,230	12,918	871	2	0
1997	528	1,195	10,922	12,514	943	1	0
1998	1,088	2,630	16,911	16,786	2,092	2	0
1999	1,807	2,205	14,830	16,959	2,877	158	0
2000	3,583	2,207	13,281	16,036	2,999	386	0
2001	5,503	5,425	24,437	25,759	4,672	410	-
2002	6,144	5,808	25,185	25,099	8,474	534	1
2003	9,306	6,844	28,461	26,174	11,734	600	0
2004	3,704	4,274	19,517	17,562	10,375	454	3
2005	9,685	4,128	19,185	13,326	10,094	310	0
2006	10,564	2,717	14,604	10,671	12,654	117	1
2007	4,476	3,526	17,123	16,169	22,616	142	1
2008	349	2,203	14,181	12,198	4,796	36	-
2009	1,056	1,622	7,376	4,870	94	3	0
2010	334	1,091	5,975	5,121	94	5	-
2011	25	1,113	6,453	7,908	492	4	0
2012	3	2,217	10,739	15,813	1,108	6	0
2013	5	2,254	11,544	20,336	2,203	66	0
<b>All Years</b>	<b>58,743</b>	<b>53,513</b>	<b>282,220</b>	<b>288,514</b>	<b>100,059</b>	<b>3,237</b>	<b>7</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan-to-Value Ratio**

Origination Year	Percent of Original RIF						Missing
	(0, 80]	(80, 85]	(85, 90]	(90, 95]	(95, 100]	100+	
1995	0.7%	3.7%	41.9%	50.1%	3.5%	0.0%	0.0%
1996	1.5%	4.3%	42.3%	48.6%	3.3%	0.0%	0.0%
1997	2.0%	4.6%	41.8%	47.9%	3.6%	0.0%	0.0%
1998	2.8%	6.7%	42.8%	42.5%	5.3%	0.0%	0.0%
1999	4.7%	5.7%	38.2%	43.7%	7.4%	0.4%	0.0%
2000	9.3%	5.7%	34.5%	41.7%	7.8%	1.0%	0.0%
2001	8.3%	8.2%	36.9%	38.9%	7.1%	0.6%	0.0%
2002	8.6%	8.2%	35.3%	35.2%	11.9%	0.7%	0.0%
2003	11.2%	8.2%	34.2%	31.5%	14.1%	0.7%	0.0%
2004	6.6%	7.6%	34.9%	31.4%	18.6%	0.8%	0.0%
2005	17.1%	7.3%	33.8%	23.5%	17.8%	0.5%	0.0%
2006	20.6%	5.3%	28.5%	20.8%	24.7%	0.2%	0.0%
2007	7.0%	5.5%	26.7%	25.2%	35.3%	0.2%	0.0%
2008	1.0%	6.5%	42.0%	36.1%	14.2%	0.1%	0.0%
2009	7.0%	10.8%	49.1%	32.4%	0.6%	0.0%	0.0%
2010	2.6%	8.6%	47.3%	40.6%	0.7%	0.0%	0.0%
2011	0.2%	7.0%	40.3%	49.4%	3.1%	0.0%	0.0%
2012	0.0%	7.4%	35.9%	52.9%	3.7%	0.0%	0.0%
2013	0.0%	6.2%	31.7%	55.9%	6.1%	0.2%	0.0%
<b>All Years</b>	<b>7.5%</b>	<b>6.8%</b>	<b>35.9%</b>	<b>36.7%</b>	<b>12.7%</b>	<b>0.4%</b>	<b>0.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan-to-Value Ratio**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)						Missing
	(0, 80]	(80, 85]	(85, 90]	(90, 95]	(95, 100]	100+	
1995	4	11	147	341	58	0	-
1996	7	11	106	241	40	0	-
1997	9	11	93	170	27	0	-
1998	23	23	141	176	36	0	-
1999	61	52	194	227	63	1	0
2000	143	106	272	279	78	6	-
2001	235	177	601	608	133	7	-
2002	207	187	689	681	340	8	-
2003	153	174	817	827	642	14	-
2004	106	200	1,045	959	961	18	-
2005	561	483	2,714	1,770	1,626	22	-
2006	664	476	2,960	2,014	2,850	14	-
2007	121	466	3,177	2,914	5,321	21	0
2008	1	159	1,081	941	584	5	-
2009	0	12	60	58	2	0	-
2010	0	2	10	15	0	0	-
2011	-	1	2	6	1	-	-
2012	-	0	0	1	0	-	-
2013	-	-	-	-	-	-	-
<b>All Years</b>	<b>2,293</b>	<b>2,551</b>	<b>14,110</b>	<b>12,229</b>	<b>12,761</b>	<b>117</b>	<b>0</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan-to-Value Ratio**

Origination Year	Loss Rate						Missing
	(0, 80]	(80, 85]	(85, 90]	(90, 95]	(95, 100]	100+	
1995	1.9%	1.2%	1.4%	2.8%	6.6%	24.0%	
1996	1.7%	0.9%	0.9%	1.9%	4.6%	18.1%	0.0%
1997	1.6%	0.9%	0.9%	1.4%	2.9%	4.7%	0.0%
1998	2.1%	0.9%	0.8%	1.0%	1.7%	4.1%	0.0%
1999	3.4%	2.4%	1.3%	1.3%	2.2%	0.9%	60.5%
2000	4.0%	4.8%	2.0%	1.7%	2.6%	1.5%	0.0%
2001	4.3%	3.3%	2.5%	2.4%	2.9%	1.7%	
2002	3.4%	3.2%	2.7%	2.7%	4.0%	1.5%	0.0%
2003	1.6%	2.5%	2.9%	3.2%	5.5%	2.4%	0.0%
2004	2.9%	4.7%	5.4%	5.5%	9.3%	3.9%	0.0%
2005	5.8%	11.7%	14.1%	13.3%	16.1%	7.0%	0.0%
2006	6.3%	17.5%	20.3%	18.9%	22.5%	12.1%	0.0%
2007	2.7%	13.2%	18.6%	18.0%	23.5%	14.5%	5.2%
2008	0.2%	7.2%	7.6%	7.7%	12.2%	12.6%	
2009	0.0%	0.7%	0.8%	1.2%	1.6%	3.2%	0.0%
2010	0.0%	0.2%	0.2%	0.3%	0.3%	4.0%	
2011	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%
2012	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>All Years</b>	<b>3.9%</b>	<b>4.8%</b>	<b>5.0%</b>	<b>4.2%</b>	<b>12.8%</b>	<b>3.6%</b>	<b>1.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan-to-Value Ratio**

Origination Year	Relativity to Baseline					100+	Missing
	(0, 80]	(80, 85]	(85, 90]	(90, 95]	(95, 100]		
1995	1.00	0.60	0.74	1.43	3.41	12.36	
1996	1.00	0.56	0.57	1.12	2.76	10.88	-
1997	1.00	0.56	0.53	0.84	1.79	2.92	-
1998	1.00	0.42	0.40	0.50	0.82	1.98	-
1999	1.00	0.69	0.38	0.39	0.64	0.25	17.80
2000	1.00	1.21	0.51	0.44	0.66	0.38	-
2001	1.00	0.76	0.58	0.55	0.67	0.40	
2002	1.00	0.96	0.81	0.81	1.19	0.46	-
2003	1.00	1.55	1.75	1.92	3.33	1.44	-
2004	1.00	1.64	1.87	1.91	3.24	1.35	-
2005	1.00	2.02	2.44	2.29	2.78	1.22	-
2006	1.00	2.79	3.22	3.00	3.58	1.92	-
2007	1.00	4.88	6.86	6.66	8.69	5.34	1.92
2008	1.00	43.46	45.80	46.36	73.10	75.45	
2009	1.00	139.32	157.83	230.68	314.07	626.81	-
2010	1.00	18.43	14.78	27.17	22.93	359.88	
2011							
2012							
2013							
<b>All Years</b>	<b>1.00</b>	<b>13.74</b>	<b>14.94</b>	<b>20.38</b>	<b>27.73</b>	<b>68.94</b>	<b>9.86</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Amortization Type**

Origination Year	Original RIF (\$M)					
	<i>Fixed</i>	<i>ARM</i>	<i>5/1ARM</i>	<i>LT 5/1ARM</i>	<i>GT 5/1ARM</i>	<i>UNKNOWN</i>
1995	18,478	3,553	8	1,936	546	-
1996	20,615	3,116	8	2,344	483	-
1997	20,356	2,860	8	2,377	503	0
1998	36,160	1,516	5	1,383	445	0
1999	32,153	3,184	10	2,699	790	1
2000	28,823	5,755	11	3,268	636	-
2001	55,849	5,999	5	3,850	505	-
2002	56,065	4,983	11	9,307	880	-
2003	62,578	9,559	21	9,873	1,089	-
2004	34,727	10,294	30	9,798	1,040	-
2005	30,283	16,527	81	8,986	851	-
2006	31,508	12,888	11	6,032	888	0
2007	51,525	7,671	10	3,776	1,070	0
2008	30,999	1,082	9	1,267	405	1
2009	14,668	127	1	184	42	-
2010	12,004	243	2	262	110	-
2011	15,020	292	3	395	284	-
2012	29,124	207	4	256	295	-
2013	35,519	247	5	283	353	-
<b>All Years</b>	<b>616,455</b>	<b>90,104</b>	<b>243</b>	<b>68,277</b>	<b>11,213</b>	<b>2</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Amortization Type**

Origination Year	Percent of Original RIF					
	<i>Fixed</i>	<i>ARM</i>	<i>5/1ARM</i>	<i>LT 5/1ARM</i>	<i>GT 5/1ARM</i>	<i>UNKNOWN</i>
1995	75.4%	14.5%	0.0%	7.9%	2.2%	0.0%
1996	77.6%	11.7%	0.0%	8.8%	1.8%	0.0%
1997	78.0%	11.0%	0.0%	9.1%	1.9%	0.0%
1998	91.5%	3.8%	0.0%	3.5%	1.1%	0.0%
1999	82.8%	8.2%	0.0%	7.0%	2.0%	0.0%
2000	74.9%	15.0%	0.0%	8.5%	1.7%	0.0%
2001	84.4%	9.1%	0.0%	5.8%	0.8%	0.0%
2002	78.7%	7.0%	0.0%	13.1%	1.2%	0.0%
2003	75.3%	11.5%	0.0%	11.9%	1.3%	0.0%
2004	62.1%	18.4%	0.1%	17.5%	1.9%	0.0%
2005	53.4%	29.1%	0.1%	15.8%	1.5%	0.0%
2006	61.4%	25.1%	0.0%	11.8%	1.7%	0.0%
2007	80.4%	12.0%	0.0%	5.9%	1.7%	0.0%
2008	91.8%	3.2%	0.0%	3.8%	1.2%	0.0%
2009	97.6%	0.8%	0.0%	1.2%	0.3%	0.0%
2010	95.1%	1.9%	0.0%	2.1%	0.9%	0.0%
2011	93.9%	1.8%	0.0%	2.5%	1.8%	0.0%
2012	97.5%	0.7%	0.0%	0.9%	1.0%	0.0%
2013	97.6%	0.7%	0.0%	0.8%	1.0%	0.0%
<b>All Years</b>	<b>78.4%</b>	<b>11.5%</b>	<b>0.0%</b>	<b>8.7%</b>	<b>1.4%</b>	<b>0.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Amortization Type**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)					
	<i>Fixed</i>	<i>ARM</i>	<i>5/1ARM</i>	<i>LT 5/1ARM</i>	<i>GT 5/1ARM</i>	<i>UNKNOWN</i>
1995	446	78	0	30	7	-
1996	345	33	0	25	3	-
1997	261	24	0	21	3	-
1998	362	20	0	13	3	-
1999	472	93	0	27	7	-
2000	583	250	0	48	5	-
2001	1,253	374	0	128	6	-
2002	1,458	132	0	506	15	-
2003	1,891	251	1	457	28	-
2004	1,934	642	2	656	54	-
2005	3,322	2,098	5	1,639	113	-
2006	4,978	2,208	2	1,642	148	0
2007	9,486	1,472	3	865	195	0
2008	2,445	118	2	157	48	0
2009	126	2	-	2	0	-
2010	26	1	-	1	0	-
2011	8	0	-	0	0	-
2012	2	-	-	0	-	-
2013	-	-	-	-	-	-
<b>All Years</b>	<b>29,397</b>	<b>7,795</b>	<b>16</b>	<b>6,219</b>	<b>635</b>	<b>0</b>



**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Amortization Type**

Origination Year	Loss Rate					
	<i>Fixed</i>	<i>ARM</i>	<i>5/1ARM</i>	<i>LT 5/1ARM</i>	<i>GT 5/1ARM</i>	<i>UNKNOWN</i>
1995	2.4%	2.2%	0.9%	1.6%	1.3%	
1996	1.7%	1.0%	0.7%	1.1%	0.5%	
1997	1.3%	0.8%	1.9%	0.9%	0.6%	0.0%
1998	1.0%	1.3%	0.5%	0.9%	0.7%	0.0%
1999	1.5%	2.9%	0.3%	1.0%	0.8%	0.0%
2000	2.0%	4.3%	1.0%	1.5%	0.7%	
2001	2.2%	6.2%	0.0%	3.3%	1.3%	
2002	2.6%	2.6%	1.8%	5.4%	1.7%	
2003	3.0%	2.6%	3.7%	4.6%	2.5%	
2004	5.6%	6.2%	7.5%	6.7%	5.2%	
2005	11.0%	12.7%	5.9%	18.2%	13.3%	
2006	15.8%	17.1%	18.0%	27.2%	16.6%	4.7%
2007	18.4%	19.2%	25.9%	22.9%	18.2%	12.3%
2008	7.9%	10.9%	25.9%	12.4%	11.8%	12.3%
2009	0.9%	2.0%	0.0%	1.2%	0.6%	
2010	0.2%	0.3%	0.0%	0.5%	0.1%	
2011	0.1%	0.1%	0.0%	0.1%	0.0%	
2012	0.0%	0.0%	0.0%	0.0%	0.0%	
2013	0.0%	0.0%	0.0%	0.0%	0.0%	
<b>All Years</b>	<b>4.8%</b>	<b>8.7%</b>	<b>6.4%</b>	<b>9.1%</b>	<b>5.7%</b>	<b>6.5%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Amortization Type**

Origination Year	Relativity to Baseline					UNKNOWN
	<i>Fixed</i>	<i>ARM</i>	<i>5/1ARM</i>	<i>LT 5/1ARM</i>	<i>GT 5/1ARM</i>	
1995	1.00	0.91	0.36	0.65	0.53	
1996	1.00	0.63	0.42	0.64	0.31	
1997	1.00	0.65	1.50	0.69	0.49	-
1998	1.00	1.33	0.55	0.92	0.70	-
1999	1.00	1.99	0.18	0.67	0.58	-
2000	1.00	2.15	0.50	0.72	0.35	
2001	1.00	2.78	0.00	1.48	0.57	
2002	1.00	1.02	0.69	2.09	0.67	
2003	1.00	0.87	1.24	1.53	0.84	
2004	1.00	1.12	1.35	1.20	0.94	
2005	1.00	1.16	0.54	1.66	1.21	
2006	1.00	1.08	1.14	1.72	1.05	0.30
2007	1.00	1.04	1.41	1.24	0.99	0.67
2008	1.00	1.38	3.29	1.57	1.49	1.55
2009	1.00	2.27	-	1.44	0.70	
2010	1.00	1.64	-	2.52	0.24	
2011	1.00	2.36	-	1.41	0.87	
2012	1.00	-	-	8.70	-	
2013						
<b>All Years</b>	<b>1.00</b>	<b>1.43</b>	<b>0.94</b>	<b>1.72</b>	<b>0.74</b>	<b>0.84</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan Purpose**

Origination Year	Original RIF (\$M)					
	<i>Purchase</i>	<i>Cash-Out Refi</i>	<i>Rate/Term Refi</i>	<i>Refi-Property Improvement</i>	<i>Refi-Use Unknown</i>	<i>Other</i>
1995	21,580	84	2,387	8	10	451
1996	22,730	243	3,359	12	14	208
1997	22,493	432	3,009	14	12	144
1998	28,566	1,017	9,720	29	31	146
1999	31,527	1,256	5,741	82	39	192
2000	32,669	2,504	3,042	25	34	219
2001	40,288	10,036	15,433	66	113	271
2002	43,835	11,376	15,718	84	66	166
2003	47,324	14,935	20,498	82	46	236
2004	37,972	10,341	6,817	41	33	685
2005	35,647	12,668	4,896	48	37	3,432
2006	34,179	11,243	5,226	93	32	555
2007	46,493	8,987	8,167	118	42	246
2008	24,941	2,680	5,799	110	31	203
2009	8,550	411	5,944	23	5	88
2010	8,127	173	4,251	12	2	55
2011	11,313	173	4,435	9	4	61
2012	19,794	300	9,691	3	5	95
2013	28,010	328	7,907	4	6	152
<b>All Years</b>	<b>546,037</b>	<b>89,186</b>	<b>142,040</b>	<b>863</b>	<b>561</b>	<b>7,606</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan Purpose**

Origination Year	Percent of Original RIF					
	<i>Purchase</i>	<i>Cash-Out Refi</i>	<i>Rate/Term Refi</i>	<i>Refi-Property Improvement</i>	<i>Refi-Use Unknown</i>	<i>Other</i>
1995	88.0%	0.3%	9.7%	0.0%	0.0%	1.8%
1996	85.6%	0.9%	12.6%	0.0%	0.1%	0.8%
1997	86.2%	1.7%	11.5%	0.1%	0.0%	0.6%
1998	72.3%	2.6%	24.6%	0.1%	0.1%	0.4%
1999	81.2%	3.2%	14.8%	0.2%	0.1%	0.5%
2000	84.9%	6.5%	7.9%	0.1%	0.1%	0.6%
2001	60.9%	15.2%	23.3%	0.1%	0.2%	0.4%
2002	61.5%	16.0%	22.1%	0.1%	0.1%	0.2%
2003	56.9%	18.0%	24.7%	0.1%	0.1%	0.3%
2004	67.9%	18.5%	12.2%	0.1%	0.1%	1.2%
2005	62.8%	22.3%	8.6%	0.1%	0.1%	6.0%
2006	66.6%	21.9%	10.2%	0.2%	0.1%	1.1%
2007	72.6%	14.0%	12.8%	0.2%	0.1%	0.4%
2008	73.9%	7.9%	17.2%	0.3%	0.1%	0.6%
2009	56.9%	2.7%	39.6%	0.2%	0.0%	0.6%
2010	64.4%	1.4%	33.7%	0.1%	0.0%	0.4%
2011	70.7%	1.1%	27.7%	0.1%	0.0%	0.4%
2012	66.2%	1.0%	32.4%	0.0%	0.0%	0.3%
2013	76.9%	0.9%	21.7%	0.0%	0.0%	0.4%
<b>All Years</b>	<b>69.4%</b>	<b>11.3%</b>	<b>18.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>1.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan Purpose**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)					
	<i>Purchase</i>	<i>Cash-Out Refi</i>	<i>Rate/Term Refi</i>	<i>Refi-Property Improvement</i>	<i>Refi-Use Unknown</i>	<i>Other</i>
1995	486	2	65	0	0	8
1996	336	7	60	0	0	2
1997	243	12	53	0	0	2
1998	257	25	113	1	0	2
1999	378	71	144	1	1	3
2000	570	163	146	1	2	4
2001	852	443	449	1	5	12
2002	1,136	504	464	1	2	4
2003	1,567	508	543	1	1	7
2004	2,274	633	369	1	1	10
2005	4,862	1,751	549	2	2	10
2006	6,174	1,918	858	6	5	17
2007	8,801	1,463	1,716	14	5	22
2008	1,857	259	636	7	2	9
2009	48	4	75	1	-	2
2010	13	0	14	-	-	0
2011	3	0	5	-	-	0
2012	1	0	1	-	-	0
2013	-	-	-	-	-	-
<b>All Years</b>	<b>29,857</b>	<b>7,763</b>	<b>6,261</b>	<b>39</b>	<b>27</b>	<b>113</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Loan Purpose**

Origination Year	Loss Rate					
	<i>Purchase</i>	<i>Cash-Out Refi</i>	<i>Rate/Term Refi</i>	<i>Refi-Property Improvement</i>	<i>Refi-Use Unknown</i>	<i>Other</i>
1995	2.3%	2.5%	2.7%	2.1%	2.4%	1.7%
1996	1.5%	2.8%	1.8%	2.2%	1.9%	0.9%
1997	1.1%	2.7%	1.8%	1.4%	1.9%	1.4%
1998	0.9%	2.4%	1.2%	2.2%	0.7%	1.5%
1999	1.2%	5.6%	2.5%	1.4%	2.3%	1.8%
2000	1.7%	6.5%	4.8%	2.4%	6.2%	1.6%
2001	2.1%	4.4%	2.9%	2.2%	4.7%	4.3%
2002	2.6%	4.4%	3.0%	1.6%	3.3%	2.4%
2003	3.3%	3.4%	2.7%	1.8%	2.9%	2.8%
2004	6.0%	6.1%	5.4%	2.9%	2.7%	1.4%
2005	13.6%	13.8%	11.2%	5.1%	5.5%	0.3%
2006	18.1%	17.1%	16.4%	6.2%	15.6%	3.1%
2007	18.9%	16.3%	21.0%	12.0%	11.3%	8.8%
2008	7.4%	9.7%	11.0%	6.3%	7.3%	4.7%
2009	0.6%	1.0%	1.3%	3.7%	0.0%	2.8%
2010	0.2%	0.3%	0.3%	0.0%	0.0%	0.1%
2011	0.0%	0.2%	0.1%	0.0%	0.0%	0.1%
2012	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>All Years</b>	<b>5.5%</b>	<b>8.7%</b>	<b>4.4%</b>	<b>4.5%</b>	<b>4.9%</b>	<b>1.5%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Loan Purpose**

Origination Year	Relativity to Baseline					
	<i>Purchase</i>	<i>Cash-Out Refi</i>	<i>Rate/Term Refi</i>	<i>Refi-Property Improvement</i>	<i>Refi-Use Unknown</i>	<i>Other</i>
1995	1.00	1.10	1.20	0.93	1.06	0.75
1996	1.00	1.93	1.20	1.51	1.28	0.62
1997	1.00	2.48	1.64	1.34	1.78	1.33
1998	1.00	2.70	1.30	2.47	0.76	1.69
1999	1.00	4.70	2.09	1.15	1.92	1.48
2000	1.00	3.73	2.76	1.39	3.54	0.92
2001	1.00	2.09	1.38	1.06	2.21	2.04
2002	1.00	1.71	1.14	0.61	1.25	0.92
2003	1.00	1.03	0.80	0.55	0.87	0.83
2004	1.00	1.02	0.90	0.49	0.46	0.24
2005	1.00	1.01	0.82	0.38	0.40	0.02
2006	1.00	0.94	0.91	0.35	0.86	0.17
2007	1.00	0.86	1.11	0.63	0.60	0.46
2008	1.00	1.30	1.47	0.85	0.98	0.63
2009	1.00	1.71	2.23	6.44	-	4.95
2010	1.00	1.73	2.12	-	-	0.78
2011	1.00	6.83	3.79	-	-	1.82
2012	1.00	5.84	2.81	-	-	20.43
2013						
<b>All Years</b>	<b>1.00</b>	<b>2.37</b>	<b>1.65</b>	<b>1.34</b>	<b>1.28</b>	<b>2.23</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Occupancy Type**

Origination Year	Original RIF (\$M)			
	<i>Primary</i>	<i>Secondary</i>	<i>Investment</i>	<i>Unknown</i>
1995	24,155	235	131	-
1996	26,066	304	196	-
1997	25,363	382	359	0
1998	38,468	539	502	-
1999	37,406	693	738	0
2000	36,429	853	1,207	4
2001	62,824	1,218	2,165	0
2002	67,088	1,573	2,586	0
2003	77,974	2,192	2,954	0
2004	50,754	2,077	3,058	-
2005	49,843	2,724	4,161	-
2006	45,045	2,547	3,735	0
2007	58,595	2,396	3,063	0
2008	31,683	1,354	726	0
2009	14,798	221	2	-
2010	12,404	217	1	-
2011	15,647	344	3	-
2012	29,342	539	5	-
2013	35,800	585	22	-
<b>All Years</b>	<b>739,684</b>	<b>20,993</b>	<b>25,613</b>	<b>4</b>



**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Occupancy Type**

Origination Year	Percent of Original RIF			
	<i>Primary</i>	<i>Secondary</i>	<i>Investment</i>	<i>Unknown</i>
1995	98.5%	1.0%	0.5%	0.0%
1996	98.1%	1.1%	0.7%	0.0%
1997	97.2%	1.5%	1.4%	0.0%
1998	97.4%	1.4%	1.3%	0.0%
1999	96.3%	1.8%	1.9%	0.0%
2000	94.6%	2.2%	3.1%	0.0%
2001	94.9%	1.8%	3.3%	0.0%
2002	94.2%	2.2%	3.6%	0.0%
2003	93.8%	2.6%	3.6%	0.0%
2004	90.8%	3.7%	5.5%	0.0%
2005	87.9%	4.8%	7.3%	0.0%
2006	87.8%	5.0%	7.3%	0.0%
2007	91.5%	3.7%	4.8%	0.0%
2008	93.8%	4.0%	2.1%	0.0%
2009	98.5%	1.5%	0.0%	0.0%
2010	98.3%	1.7%	0.0%	0.0%
2011	97.8%	2.2%	0.0%	0.0%
2012	98.2%	1.8%	0.0%	0.0%
2013	98.3%	1.6%	0.1%	0.0%
<b>All Years</b>	<b>94.1%</b>	<b>2.7%</b>	<b>3.3%</b>	<b>0.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Occupancy Type**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)			
	<i>Primary</i>	<i>Secondary</i>	<i>Investment</i>	<i>Unknown</i>
1995	555	2	3	-
1996	400	3	2	-
1997	303	2	5	-
1998	388	2	8	-
1999	571	4	23	-
2000	825	6	53	0
2001	1,644	13	106	-
2002	1,936	17	158	-
2003	2,427	33	167	-
2004	2,940	105	244	-
2005	6,125	417	635	-
2006	7,711	563	704	0
2007	10,931	495	595	-
2008	2,542	128	101	0
2009	129	2	0	-
2010	28	0	-	-
2011	9	-	-	-
2012	2	-	-	-
2013	-	-	-	-
<b>All Years</b>	<b>39,465</b>	<b>1,792</b>	<b>2,803</b>	<b>0</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Occupancy Type**

Origination Year	Loss Rate			
	<i>Primary</i>	<i>Secondary</i>	<i>Investment</i>	<i>Unknown</i>
1995	2.3%	1.0%	2.1%	
1996	1.5%	0.8%	1.1%	
1997	1.2%	0.5%	1.4%	0.0%
1998	1.0%	0.3%	1.6%	
1999	1.5%	0.6%	3.1%	0.0%
2000	2.3%	0.7%	4.4%	8.6%
2001	2.6%	1.0%	4.9%	0.0%
2002	2.9%	1.1%	6.1%	0.0%
2003	3.1%	1.5%	5.7%	0.0%
2004	5.8%	5.1%	8.0%	
2005	12.3%	15.3%	15.3%	
2006	17.1%	22.1%	18.8%	101.2%
2007	18.7%	20.6%	19.4%	0.0%
2008	8.0%	9.4%	14.0%	63.4%
2009	0.9%	1.0%	3.1%	
2010	0.2%	0.1%	0.0%	
2011	0.1%	0.0%	0.0%	
2012	0.0%	0.0%	0.0%	
2013	0.0%	0.0%	0.0%	
<b>All Years</b>	<b>5.3%</b>	<b>8.5%</b>	<b>10.9%</b>	<b>9.1%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Occupancy Type**

Origination Year	Relativity to Baseline			
	<i>Primary</i>	<i>Secondary</i>	<i>Investment</i>	<i>Unknown</i>
1995	1.00	0.43	0.93	
1996	1.00	0.55	0.73	
1997	1.00	0.39	1.13	-
1998	1.00	0.35	1.57	
1999	1.00	0.40	2.03	-
2000	1.00	0.33	1.95	3.80
2001	1.00	0.39	1.86	-
2002	1.00	0.37	2.12	-
2003	1.00	0.49	1.82	-
2004	1.00	0.88	1.38	
2005	1.00	1.25	1.24	
2006	1.00	1.29	1.10	5.91
2007	1.00	1.11	1.04	-
2008	1.00	1.18	1.74	7.90
2009	1.00	1.19	3.61	
2010	1.00	0.52	-	
2011	1.00	-	-	
2012	1.00	-	-	
2013				
<b>All Years</b>	<b>1.00</b>	<b>0.69</b>	<b>1.62</b>	<b>5.87</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Interest Only Indicator**

Origination Year	Original RIF (\$M)	
	No	Yes
1995	24,510	11
1996	26,564	2
1997	26,101	3
1998	39,499	10
1999	38,834	3
2000	38,489	3
2001	66,182	25
2002	71,145	101
2003	82,840	281
2004	53,224	2,665
2005	48,434	8,294
2006	42,318	9,009
2007	49,929	14,124
2008	29,811	3,952
2009	14,642	379
2010	12,518	103
2011	15,993	2
2012	29,886	0
2013	36,407	0
<b>All Years</b>	<b>747,326</b>	<b>38,968</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Interest Only Indicator**

Origination Year	Percent of Original RIF	
	No	Yes
1995	100.0%	0.0%
1996	100.0%	0.0%
1997	100.0%	0.0%
1998	100.0%	0.0%
1999	100.0%	0.0%
2000	100.0%	0.0%
2001	100.0%	0.0%
2002	99.9%	0.1%
2003	99.7%	0.3%
2004	95.2%	4.8%
2005	85.4%	14.6%
2006	82.4%	17.6%
2007	77.9%	22.1%
2008	88.3%	11.7%
2009	97.5%	2.5%
2010	99.2%	0.8%
2011	100.0%	0.0%
2012	100.0%	0.0%
2013	100.0%	0.0%
<b>All Years</b>	<b>95.0%</b>	<b>5.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Interest Only Indicator**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)	
	No	Yes
1995	561	-
1996	405	-
1997	309	0
1998	398	0
1999	598	0
2000	885	0
2001	1,761	1
2002	2,108	4
2003	2,613	15
2004	3,035	253
2005	5,640	1,536
2006	6,914	2,064
2007	8,670	3,351
2008	2,244	527
2009	127	4
2010	28	0
2011	9	-
2012	2	-
2013	-	-
<b>All Years</b>	<b>36,305</b>	<b>7,755</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Interest Only Indicator**

Origination Year	Loss Rate	
	No	Yes
1995	2.3%	0.0%
1996	1.5%	0.0%
1997	1.2%	9.5%
1998	1.0%	4.3%
1999	1.5%	2.4%
2000	2.3%	8.0%
2001	2.7%	4.3%
2002	3.0%	3.6%
2003	3.2%	5.3%
2004	5.7%	9.5%
2005	11.6%	18.5%
2006	16.3%	22.9%
2007	17.4%	23.7%
2008	7.5%	13.3%
2009	0.9%	1.0%
2010	0.2%	0.3%
2011	0.1%	0.0%
2012	0.0%	0.0%
2013	0.0%	0.0%
<b>All Years</b>	<b>4.9%</b>	<b>19.9%</b>



**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Interest Only Indicator**

Origination Year	Relativity to Baseline	
	No	Yes
1995	1.00	-
1996	1.00	-
1997	1.00	7.99
1998	1.00	4.32
1999	1.00	1.55
2000	1.00	3.47
2001	1.00	1.61
2002	1.00	1.23
2003	1.00	1.67
2004	1.00	1.67
2005	1.00	1.59
2006	1.00	1.40
2007	1.00	1.37
2008	1.00	1.77
2009	1.00	1.20
2010	1.00	1.36
2011	1.00	-
2012	1.00	-
2013		
<b>All Years</b>	<b>1.00</b>	<b>2.30</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Property Type**

Origination Year	Original RIF (\$M)	
	<i>Not Condo</i>	<i>Condo</i>
1995	22,865	1,656
1996	24,805	1,761
1997	24,484	1,620
1998	37,277	2,232
1999	36,335	2,502
2000	35,468	3,025
2001	61,381	4,826
2002	65,665	5,582
2003	76,473	6,648
2004	50,628	5,261
2005	50,348	6,379
2006	45,079	6,248
2007	56,431	7,621
2008	29,655	4,108
2009	13,823	1,198
2010	11,592	1,029
2011	14,731	1,264
2012	27,673	2,213
2013	33,588	2,819
<b>All Years</b>	<b>718,299</b>	<b>67,995</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Property Type**

Origination Year	Percent of Original RIF	
	<i>Not Condo</i>	<i>Condo</i>
1995	93.2%	6.8%
1996	93.4%	6.6%
1997	93.8%	6.2%
1998	94.4%	5.6%
1999	93.6%	6.4%
2000	92.1%	7.9%
2001	92.7%	7.3%
2002	92.2%	7.8%
2003	92.0%	8.0%
2004	90.6%	9.4%
2005	88.8%	11.2%
2006	87.8%	12.2%
2007	88.1%	11.9%
2008	87.8%	12.2%
2009	92.0%	8.0%
2010	91.8%	8.2%
2011	92.1%	7.9%
2012	92.6%	7.4%
2013	92.3%	7.7%
<b>All Years</b>	<b>91.4%</b>	<b>8.6%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Property Type**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)	
	<i>Not Condo</i>	<i>Condo</i>
1995	518	42
1996	380	25
1997	294	15
1998	387	12
1999	579	19
2000	842	42
2001	1,685	77
2002	2,001	111
2003	2,460	168
2004	2,974	314
2005	6,130	1,046
2006	7,550	1,428
2007	10,208	1,812
2008	2,322	448
2009	119	12
2010	25	3
2011	8	1
2012	2	0
2013	-	-
<b>All Years</b>	<b>38,484</b>	<b>5,577</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Property Type**

<b>Origination Year</b>	<b>Loss Rate</b>	
	<i>Not Condo</i>	<i>Condo</i>
1995	2.3%	2.6%
1996	1.5%	1.4%
1997	1.2%	0.9%
1998	1.0%	0.5%
1999	1.6%	0.8%
2000	2.4%	1.4%
2001	2.7%	1.6%
2002	3.0%	2.0%
2003	3.2%	2.5%
2004	5.9%	6.0%
2005	12.2%	16.4%
2006	16.7%	22.9%
2007	18.1%	23.8%
2008	7.8%	10.9%
2009	0.9%	1.0%
2010	0.2%	0.3%
2011	0.1%	0.1%
2012	0.0%	0.0%
2013	0.0%	0.0%
<b>All Years</b>	<b>5.4%</b>	<b>8.2%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Property Type**

<b>Origination Year</b>	<b>Relativity to Baseline</b>	
	<i>Not Condo</i>	<i>Condo</i>
1995	1.00	1.13
1996	1.00	0.92
1997	1.00	0.79
1998	1.00	0.50
1999	1.00	0.49
2000	1.00	0.59
2001	1.00	0.58
2002	1.00	0.65
2003	1.00	0.78
2004	1.00	1.02
2005	1.00	1.35
2006	1.00	1.36
2007	1.00	1.31
2008	1.00	1.39
2009	1.00	1.19
2010	1.00	1.18
2011	1.00	1.21
2012	1.00	1.56
2013		
<b>All Years</b>	<b>1.00</b>	<b>1.00</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Documentation Type**

<b>Origination Year</b>	<b>Original RIF (\$M)</b>	
	<i>Full Doc</i>	<i>Non Full Doc</i>
1995	24,304	217
1996	26,395	171
1997	25,974	130
1998	39,470	39
1999	38,570	268
2000	35,953	2,539
2001	59,637	6,570
2002	63,639	7,608
2003	75,014	8,107
2004	48,833	7,056
2005	44,991	11,736
2006	36,582	14,746
2007	47,945	16,108
2008	30,458	3,305
2009	14,623	398
2010	12,335	286
2011	15,683	311
2012	29,630	257
2013	36,182	225
<b>All Years</b>	<b>706,218</b>	<b>80,076</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Documentation Type**

<b>Origination Year</b>	<b>Percent of Original RIF</b>	
	<i>Full Doc</i>	<i>Non Full Doc</i>
1995	99.1%	0.9%
1996	99.4%	0.6%
1997	99.5%	0.5%
1998	99.9%	0.1%
1999	99.3%	0.7%
2000	93.4%	6.6%
2001	90.1%	9.9%
2002	89.3%	10.7%
2003	90.2%	9.8%
2004	87.4%	12.6%
2005	79.3%	20.7%
2006	71.3%	28.7%
2007	74.9%	25.1%
2008	90.2%	9.8%
2009	97.4%	2.6%
2010	97.7%	2.3%
2011	98.1%	1.9%
2012	99.1%	0.9%
2013	99.4%	0.6%
<b>All Years</b>	<b>89.8%</b>	<b>10.2%</b>



**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Documentation Type**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)	
	<i>Full Doc</i>	<i>Non Full Doc</i>
1995	554	6
1996	401	4
1997	308	2
1998	396	2
1999	580	18
2000	809	76
2001	1,536	226
2002	1,825	287
2003	2,351	276
2004	2,789	500
2005	5,105	2,071
2006	5,620	3,358
2007	8,885	3,135
2008	2,400	371
2009	127	4
2010	27	1
2011	9	0
2012	2	0
2013	-	-
<b>All Years</b>	<b>33,724</b>	<b>10,337</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Documentation Type**

<b>Origination Year</b>	<b>Loss Rate</b>	
	<i>Full Doc</i>	<i>Non Full Doc</i>
1995	2.3%	2.9%
1996	1.5%	2.1%
1997	1.2%	1.5%
1998	1.0%	4.5%
1999	1.5%	6.8%
2000	2.2%	3.0%
2001	2.6%	3.4%
2002	2.9%	3.8%
2003	3.1%	3.4%
2004	5.7%	7.1%
2005	11.3%	17.6%
2006	15.4%	22.8%
2007	18.5%	19.5%
2008	7.9%	11.2%
2009	0.9%	1.1%
2010	0.2%	0.2%
2011	0.1%	0.2%
2012	0.0%	0.0%
2013	0.0%	0.0%
<b>All Years</b>	<b>4.8%</b>	<b>12.9%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Documentation Type**

<b>Origination Year</b>	<b>Relativity to Baseline</b>	
	<i>Full Doc</i>	<i>Non Full Doc</i>
1995	1.00	1.27
1996	1.00	1.36
1997	1.00	1.29
1998	1.00	4.43
1999	1.00	4.49
2000	1.00	1.33
2001	1.00	1.33
2002	1.00	1.31
2003	1.00	1.09
2004	1.00	1.24
2005	1.00	1.55
2006	1.00	1.48
2007	1.00	1.05
2008	1.00	1.42
2009	1.00	1.27
2010	1.00	0.99
2011	1.00	2.91
2012	1.00	8.36
2013		
<b>All Years</b>	<b>1.00</b>	<b>2.12</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Original Term**

Origination Year	Original RIF (\$M)	
	<i>LE 360</i>	<i>GT 360</i>
1995	24,356	165
1996	26,421	145
1997	25,933	171
1998	39,385	124
1999	38,669	168
2000	38,319	173
2001	66,126	82
2002	71,149	97
2003	83,000	121
2004	55,719	170
2005	56,119	608
2006	49,173	2,155
2007	61,995	2,058
2008	33,485	278
2009	15,008	13
2010	12,606	14
2011	15,980	14
2012	29,870	16
2013	36,395	12
<b>All Years</b>	<b>779,709</b>	<b>6,585</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Original Term**

Origination Year	Percent of Original RIF	
	<i>LE 360</i>	<i>GT 360</i>
1995	99.3%	0.7%
1996	99.5%	0.5%
1997	99.3%	0.7%
1998	99.7%	0.3%
1999	99.6%	0.4%
2000	99.5%	0.5%
2001	99.9%	0.1%
2002	99.9%	0.1%
2003	99.9%	0.1%
2004	99.7%	0.3%
2005	98.9%	1.1%
2006	95.8%	4.2%
2007	96.8%	3.2%
2008	99.2%	0.8%
2009	99.9%	0.1%
2010	99.9%	0.1%
2011	99.9%	0.1%
2012	99.9%	0.1%
2013	100.0%	0.0%
<b>All Years</b>	<b>99.2%</b>	<b>0.8%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Original Term**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)	
	LE 360	GT 360
1995	557	3
1996	403	2
1997	308	2
1998	397	2
1999	596	2
2000	883	2
2001	1,760	2
2002	2,111	1
2003	2,624	4
2004	3,273	16
2005	7,056	119
2006	8,473	505
2007	11,407	613
2008	2,729	42
2009	131	0
2010	28	-
2011	9	-
2012	2	-
2013	-	-
<b>All Years</b>	<b>42,745</b>	<b>1,315</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Original Term**

<b>Origination Year</b>	<b>Loss Rate</b>	
	<i>LE 360</i>	<i>GT 360</i>
1995	2.3%	2.0%
1996	1.5%	1.1%
1997	1.2%	1.2%
1998	1.0%	1.3%
1999	1.5%	1.3%
2000	2.3%	1.1%
2001	2.7%	2.0%
2002	3.0%	1.0%
2003	3.2%	3.2%
2004	5.9%	9.6%
2005	12.6%	19.6%
2006	17.2%	23.4%
2007	18.4%	29.8%
2008	8.1%	15.1%
2009	0.9%	3.3%
2010	0.2%	0.0%
2011	0.1%	0.0%
2012	0.0%	0.0%
2013	0.0%	0.0%
<b>All Years</b>	<b>5.5%</b>	<b>20.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Original Term**

Origination Year	Relativity to Baseline	
	<i>LE 360</i>	<i>GT 360</i>
1995	1.00	0.89
1996	1.00	0.73
1997	1.00	1.03
1998	1.00	1.30
1999	1.00	0.87
2000	1.00	0.48
2001	1.00	0.74
2002	1.00	0.34
2003	1.00	1.01
2004	1.00	1.63
2005	1.00	1.56
2006	1.00	1.36
2007	1.00	1.62
2008	1.00	1.85
2009	1.00	3.78
2010	1.00	-
2011	1.00	-
2012	1.00	-
2013		
<b>All Years</b>	<b>1.00</b>	<b>1.28</b>



**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of High Risk Factors**

Origination Year	Original RIF (\$M)				
	0	1	2	3	4
1995	23,673	828	19	0	-
1996	25,617	923	25	0	-
1997	24,827	1,235	42	0	-
1998	37,012	2,441	56	0	-
1999	34,394	4,279	163	1	-
2000	31,180	6,793	511	8	-
2001	52,861	12,212	1,104	30	-
2002	54,549	15,349	1,329	19	-
2003	63,263	18,499	1,338	21	0
2004	38,097	15,188	2,435	164	6
2005	31,849	18,323	5,702	838	16
2006	24,830	18,069	6,983	1,392	53
2007	29,546	23,917	9,101	1,455	34
2008	21,869	9,821	1,907	161	4
2009	13,868	1,104	49	1	-
2010	12,006	602	13	0	-
2011	15,321	669	5	-	-
2012	29,069	813	5	-	-
2013	35,527	869	12	-	-
<b>All Years</b>	<b>599,356</b>	<b>151,933</b>	<b>30,802</b>	<b>4,089</b>	<b>114</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of High Risk Factors**

Origination Year	Percent of Original RIF				
	0	1	2	3	4
1995	96.5%	3.4%	0.1%	0.0%	0.0%
1996	96.4%	3.5%	0.1%	0.0%	0.0%
1997	95.1%	4.7%	0.2%	0.0%	0.0%
1998	93.7%	6.2%	0.1%	0.0%	0.0%
1999	88.6%	11.0%	0.4%	0.0%	0.0%
2000	81.0%	17.6%	1.3%	0.0%	0.0%
2001	79.8%	18.4%	1.7%	0.0%	0.0%
2002	76.6%	21.5%	1.9%	0.0%	0.0%
2003	76.1%	22.3%	1.6%	0.0%	0.0%
2004	68.2%	27.2%	4.4%	0.3%	0.0%
2005	56.1%	32.3%	10.1%	1.5%	0.0%
2006	48.4%	35.2%	13.6%	2.7%	0.1%
2007	46.1%	37.3%	14.2%	2.3%	0.1%
2008	64.8%	29.1%	5.6%	0.5%	0.0%
2009	92.3%	7.3%	0.3%	0.0%	0.0%
2010	95.1%	4.8%	0.1%	0.0%	0.0%
2011	95.8%	4.2%	0.0%	0.0%	0.0%
2012	97.3%	2.7%	0.0%	0.0%	0.0%
2013	97.6%	2.4%	0.0%	0.0%	0.0%
<b>All Years</b>	<b>76.2%</b>	<b>19.3%</b>	<b>3.9%</b>	<b>0.5%</b>	<b>0.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Number of High Risk Factors**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)				
	0	1	2	3	4
1995	542	18	1	-	-
1996	392	12	0	-	-
1997	294	15	0	-	-
1998	371	27	1	-	-
1999	512	81	5	0	-
2000	688	181	15	0	-
2001	1,341	380	40	0	-
2002	1,505	546	60	1	-
2003	1,892	674	60	1	-
2004	2,046	1,016	209	17	0
2005	3,200	2,721	1,065	184	5
2006	3,327	3,611	1,644	374	22
2007	4,661	4,828	2,186	334	11
2008	1,417	1,015	306	33	1
2009	115	16	1	0	-
2010	27	1	-	-	-
2011	9	0	-	-	-
2012	2	0	-	-	-
2013	-	-	-	-	-
<b>All Years</b>	<b>22,340</b>	<b>15,144</b>	<b>5,593</b>	<b>945</b>	<b>39</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of High Risk Factors**

Origination Year	Loss Rate				
	0	1	2	3	4
1995	2.3%	2.2%	2.9%	0.0%	
1996	1.5%	1.3%	1.6%	0.0%	
1997	1.2%	1.2%	1.0%	0.0%	
1998	1.0%	1.1%	1.2%	0.0%	
1999	1.5%	1.9%	3.2%	6.0%	
2000	2.2%	2.7%	3.0%	1.4%	
2001	2.5%	3.1%	3.6%	1.5%	
2002	2.8%	3.6%	4.5%	3.5%	
2003	3.0%	3.6%	4.5%	5.3%	0.0%
2004	5.4%	6.7%	8.6%	10.6%	6.4%
2005	10.0%	14.8%	18.7%	22.0%	31.1%
2006	13.4%	20.0%	23.5%	26.9%	40.5%
2007	15.8%	20.2%	24.0%	22.9%	32.5%
2008	6.5%	10.3%	16.0%	20.3%	19.3%
2009	0.8%	1.4%	1.4%	17.3%	
2010	0.2%	0.2%	0.0%	0.0%	
2011	0.1%	0.1%	0.0%		
2012	0.0%	0.0%	0.0%		
2013	0.0%	0.0%	0.0%		
<b>All Years</b>	<b>3.7%</b>	<b>10.0%</b>	<b>18.2%</b>	<b>23.1%</b>	<b>34.2%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of High Risk Factors**

Origination Year	Relativity to Baseline				
	0	1	2	3	4
1995	1.00	0.97	1.28	-	
1996	1.00	0.87	1.05	-	
1997	1.00	1.04	0.88	-	
1998	1.00	1.09	1.18	-	
1999	1.00	1.28	2.16	4.06	
2000	1.00	1.21	1.35	0.64	
2001	1.00	1.23	1.43	0.59	
2002	1.00	1.29	1.63	1.26	
2003	1.00	1.22	1.50	1.76	-
2004	1.00	1.25	1.60	1.98	1.20
2005	1.00	1.48	1.86	2.19	3.09
2006	1.00	1.49	1.76	2.01	3.02
2007	1.00	1.28	1.52	1.45	2.06
2008	1.00	1.60	2.47	3.13	2.99
2009	1.00	1.70	1.71	20.94	
2010	1.00	0.99	-	-	
2011	1.00	1.32	-		
2012	1.00	2.59	-		
2013					
<b>All Years</b>	<b>1.00</b>	<b>1.33</b>	<b>1.56</b>	<b>3.64</b>	<b>2.47</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Alternative Risk Factors**

Origination Year	Original RIF (\$M)					
	0	1	2	3	4	5
1995	14,757	8,099	1,530	130	6	0
1996	15,974	8,700	1,728	156	8	0
1997	15,776	8,378	1,777	167	6	0
1998	22,993	14,212	2,143	156	5	0
1999	22,047	13,436	2,975	366	13	0
2000	20,378	13,644	3,899	544	28	0
2001	28,456	28,647	7,949	1,090	65	-
2002	28,071	30,818	10,408	1,840	110	0
2003	28,804	38,102	13,995	2,108	112	0
2004	19,927	22,256	11,407	2,160	139	0
2005	16,992	21,310	15,000	3,164	257	4
2006	17,547	19,018	11,507	2,954	294	7
2007	28,555	24,219	9,504	1,609	159	6
2008	16,977	13,028	3,329	406	23	0
2009	7,066	6,986	912	57	0	-
2010	6,626	5,216	718	61	1	-
2011	8,881	5,983	1,030	97	3	-
2012	15,921	12,119	1,732	111	3	-
2013	22,001	12,430	1,866	107	3	-
<b>All Years</b>	<b>357,747</b>	<b>306,601</b>	<b>103,406</b>	<b>17,285</b>	<b>1,236</b>	<b>19</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Alternative Risk Factors**

Origination Year	Percent of Original RIF					
	0	1	2	3	4	5
1995	60.2%	33.0%	6.2%	0.5%	0.0%	0.0%
1996	60.1%	32.7%	6.5%	0.6%	0.0%	0.0%
1997	60.4%	32.1%	6.8%	0.6%	0.0%	0.0%
1998	58.2%	36.0%	5.4%	0.4%	0.0%	0.0%
1999	56.8%	34.6%	7.7%	0.9%	0.0%	0.0%
2000	52.9%	35.4%	10.1%	1.4%	0.1%	0.0%
2001	43.0%	43.3%	12.0%	1.6%	0.1%	0.0%
2002	39.4%	43.3%	14.6%	2.6%	0.2%	0.0%
2003	34.7%	45.8%	16.8%	2.5%	0.1%	0.0%
2004	35.7%	39.8%	20.4%	3.9%	0.2%	0.0%
2005	30.0%	37.6%	26.4%	5.6%	0.5%	0.0%
2006	34.2%	37.1%	22.4%	5.8%	0.6%	0.0%
2007	44.6%	37.8%	14.8%	2.5%	0.2%	0.0%
2008	50.3%	38.6%	9.9%	1.2%	0.1%	0.0%
2009	47.0%	46.5%	6.1%	0.4%	0.0%	0.0%
2010	52.5%	41.3%	5.7%	0.5%	0.0%	0.0%
2011	55.5%	37.4%	6.4%	0.6%	0.0%	0.0%
2012	53.3%	40.6%	5.8%	0.4%	0.0%	0.0%
2013	60.4%	34.1%	5.1%	0.3%	0.0%	0.0%
<b>All Years</b>	<b>45.5%</b>	<b>39.0%</b>	<b>13.2%</b>	<b>2.2%</b>	<b>0.2%</b>	<b>0.0%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Alternative Risk Factors**

Origination Year	Claim Amount (MI Payment - MI Recovery) (\$M)					
	0	1	2	3	4	5
1995	351	166	39	4	0	-
1996	262	118	23	2	0	-
1997	187	98	22	2	0	-
1998	212	154	31	2	-	-
1999	271	228	82	17	1	-
2000	348	325	173	37	3	-
2001	547	778	369	65	3	-
2002	686	852	457	112	6	-
2003	977	1,044	506	97	3	-
2004	1,155	1,235	733	157	9	-
2005	1,875	2,766	1,947	524	61	2
2006	2,700	3,249	2,176	742	108	3
2007	4,928	4,573	2,006	453	57	3
2008	1,123	1,154	419	69	6	0
2009	36	72	22	2	-	-
2010	10	14	3	0	-	-
2011	3	5	2	0	-	-
2012	0	1	0	0	-	-
2013	-	-	-	-	-	-
<b>All Years</b>	<b>15,671</b>	<b>16,830</b>	<b>9,011</b>	<b>2,286</b>	<b>257</b>	<b>8</b>



**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Alternative Risk Factors**

Origination Year	Loss Rate					
	0	1	2	3	4	5
1995	2.4%	2.0%	2.6%	3.2%	3.4%	0.0%
1996	1.6%	1.4%	1.3%	1.4%	1.3%	0.0%
1997	1.2%	1.2%	1.2%	1.4%	1.8%	0.0%
1998	0.9%	1.1%	1.4%	1.1%	0.0%	0.0%
1999	1.2%	1.7%	2.8%	4.6%	5.3%	0.0%
2000	1.7%	2.4%	4.4%	6.8%	9.8%	0.0%
2001	1.9%	2.7%	4.6%	6.0%	4.0%	
2002	2.4%	2.8%	4.4%	6.1%	5.2%	0.0%
2003	3.4%	2.7%	3.6%	4.6%	3.0%	0.0%
2004	5.8%	5.5%	6.4%	7.3%	6.3%	0.0%
2005	11.0%	13.0%	13.0%	16.6%	23.7%	38.7%
2006	15.4%	17.1%	18.9%	25.1%	36.8%	46.3%
2007	17.3%	18.9%	21.1%	28.2%	36.1%	43.7%
2008	6.6%	8.9%	12.6%	17.0%	25.3%	5.4%
2009	0.5%	1.0%	2.4%	3.1%	0.0%	
2010	0.2%	0.3%	0.5%	0.5%	0.0%	
2011	0.0%	0.1%	0.1%	0.3%	0.0%	
2012	0.0%	0.0%	0.0%	0.1%	0.0%	
2013	0.0%	0.0%	0.0%	0.0%	0.0%	
<b>All Years</b>	<b>4.4%</b>	<b>5.5%</b>	<b>8.7%</b>	<b>13.2%</b>	<b>20.8%</b>	<b>40.5%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Alternative Risk Factors**

Origination Year	Relativity to Baseline					
	0	1	2	3	4	5
1995	1.00	0.86	1.09	1.37	1.43	-
1996	1.00	0.83	0.82	0.88	0.80	-
1997	1.00	0.98	1.04	1.19	1.50	-
1998	1.00	1.17	1.57	1.17	-	-
1999	1.00	1.38	2.25	3.74	4.30	-
2000	1.00	1.39	2.59	3.95	5.72	-
2001	1.00	1.41	2.42	3.13	2.07	-
2002	1.00	1.13	1.80	2.48	2.11	-
2003	1.00	0.81	1.07	1.36	0.89	-
2004	1.00	0.96	1.11	1.25	1.08	-
2005	1.00	1.18	1.18	1.50	2.15	3.51
2006	1.00	1.11	1.23	1.63	2.39	3.01
2007	1.00	1.09	1.22	1.63	2.09	2.53
2008	1.00	1.34	1.90	2.57	3.82	0.82
2009	1.00	2.03	4.76	6.16	-	-
2010	1.00	1.74	2.96	3.27	-	-
2011	1.00	2.76	5.13	12.20	-	-
2012	1.00	2.69	5.56	26.95	-	-
2013						
<b>All Years</b>	<b>1.00</b>	<b>1.38</b>	<b>2.21</b>	<b>4.25</b>	<b>2.33</b>	<b>2.47</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Risk Offset Factors**

Origination Year	Original RIF (\$M)		
	0	1	2
1995	6,022	17,288	1,190
1996	6,309	18,386	1,814
1997	6,926	17,653	1,466
1998	11,098	25,756	2,550
1999	13,293	23,561	1,901
2000	16,709	20,572	1,161
2001	28,253	34,272	3,536
2002	30,817	35,874	4,381
2003	36,674	40,292	5,931
2004	26,150	26,984	2,656
2005	30,002	24,816	1,829
2006	25,849	23,966	1,444
2007	27,898	34,120	1,956
2008	12,323	19,576	1,760
2009	3,986	9,334	1,594
2010	3,457	7,366	1,644
2011	4,625	9,346	1,825
2012	6,948	19,225	3,366
2013	9,431	23,370	3,328
<b>All Years</b>	<b>306,770</b>	<b>431,757</b>	<b>45,333</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Risk Offset Factors**

Origination Year	Percent of Original RIF		
	0	1	2
1995	24.6%	70.5%	4.9%
1996	23.7%	69.2%	6.8%
1997	26.5%	67.6%	5.6%
1998	28.1%	65.2%	6.5%
1999	34.2%	60.7%	4.9%
2000	43.4%	53.4%	3.0%
2001	42.7%	51.8%	5.3%
2002	43.3%	50.4%	6.1%
2003	44.1%	48.5%	7.1%
2004	46.8%	48.3%	4.8%
2005	52.9%	43.7%	3.2%
2006	50.4%	46.7%	2.8%
2007	43.6%	53.3%	3.1%
2008	36.5%	58.0%	5.2%
2009	26.5%	62.1%	10.6%
2010	27.4%	58.4%	13.0%
2011	28.9%	58.4%	11.4%
2012	23.2%	64.3%	11.3%
2013	25.9%	64.2%	9.1%
<b>All Years</b>	<b>39.0%</b>	<b>54.9%</b>	<b>5.8%</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Risk Offset Factors**

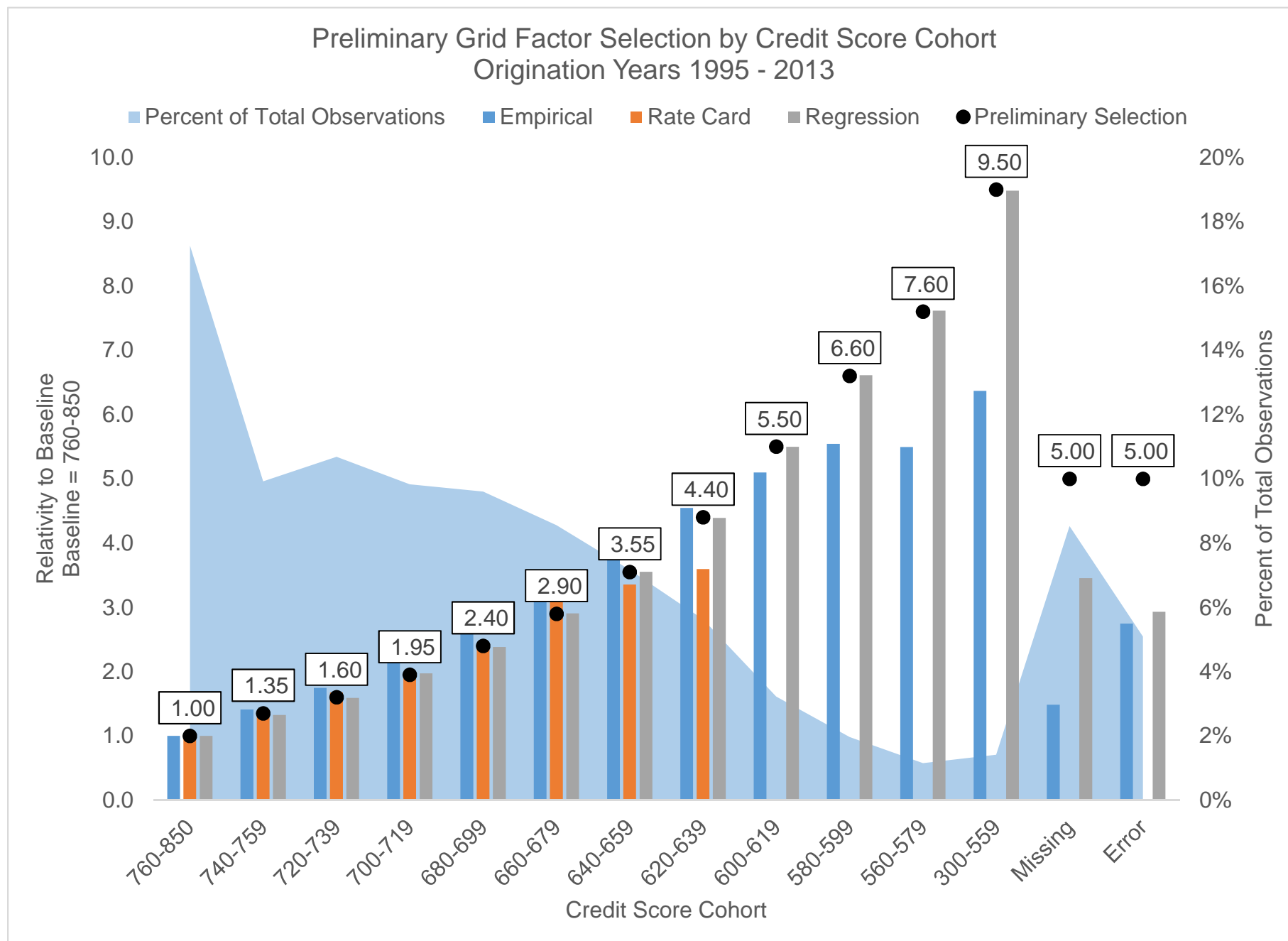
Origination Year	Claim Amount (MI Payment - MI Recovery) (		
	0	1	2
1995	227	325	8
1996	167	228	10
1997	145	159	6
1998	180	202	15
1999	344	244	11
2000	599	273	12
2001	1,113	622	26
2002	1,415	662	34
2003	1,661	919	46
2004	1,989	1,245	54
2005	4,520	2,568	87
2006	5,583	3,282	111
2007	6,623	5,208	186
2008	1,431	1,283	54
2009	46	77	7
2010	12	14	2
2011	4	4	0
2012	1	1	0
2013	-	-	-
<b>All Years</b>	<b>26,062</b>	<b>17,315</b>	<b>671</b>

**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Risk Offset Factors**

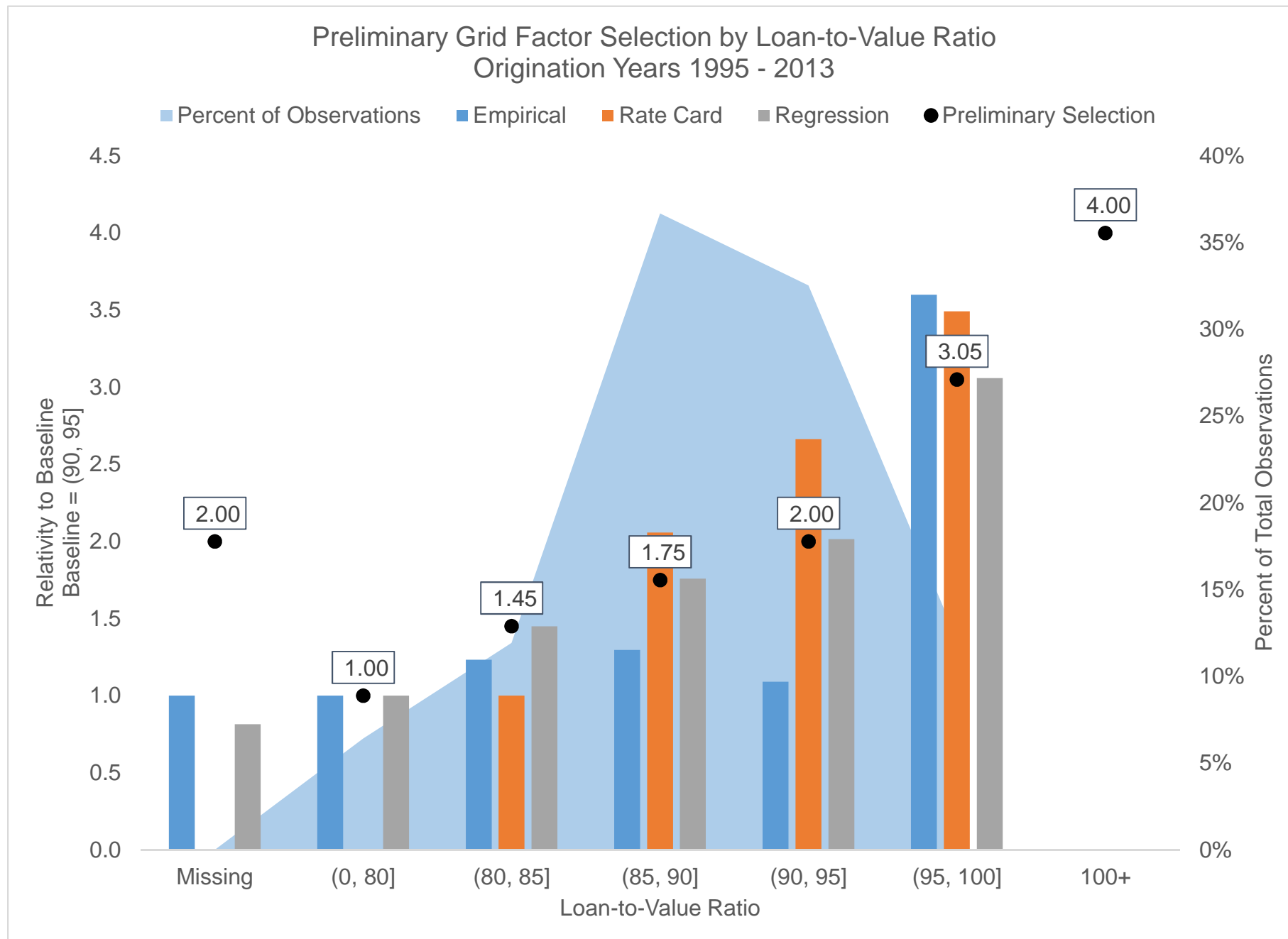
Origination Year	Loss Rate		
	0	1	2
1995	3.8%	1.9%	0.7%
1996	2.7%	1.2%	0.5%
1997	2.1%	0.9%	0.4%
1998	1.6%	0.8%	0.6%
1999	2.6%	1.0%	0.6%
2000	3.6%	1.3%	1.0%
2001	3.9%	1.8%	0.7%
2002	4.6%	1.8%	0.8%
2003	4.5%	2.3%	0.8%
2004	7.6%	4.6%	2.0%
2005	15.1%	10.3%	4.7%
2006	21.6%	13.7%	7.7%
2007	23.7%	15.3%	9.5%
2008	11.6%	6.6%	3.1%
2009	1.2%	0.8%	0.5%
2010	0.3%	0.2%	0.1%
2011	0.1%	0.0%	0.0%
2012	0.0%	0.0%	0.0%
2013	0.0%	0.0%	0.0%
<b>All Years</b>	<b>8.5%</b>	<b>4.0%</b>	<b>1.5%</b>

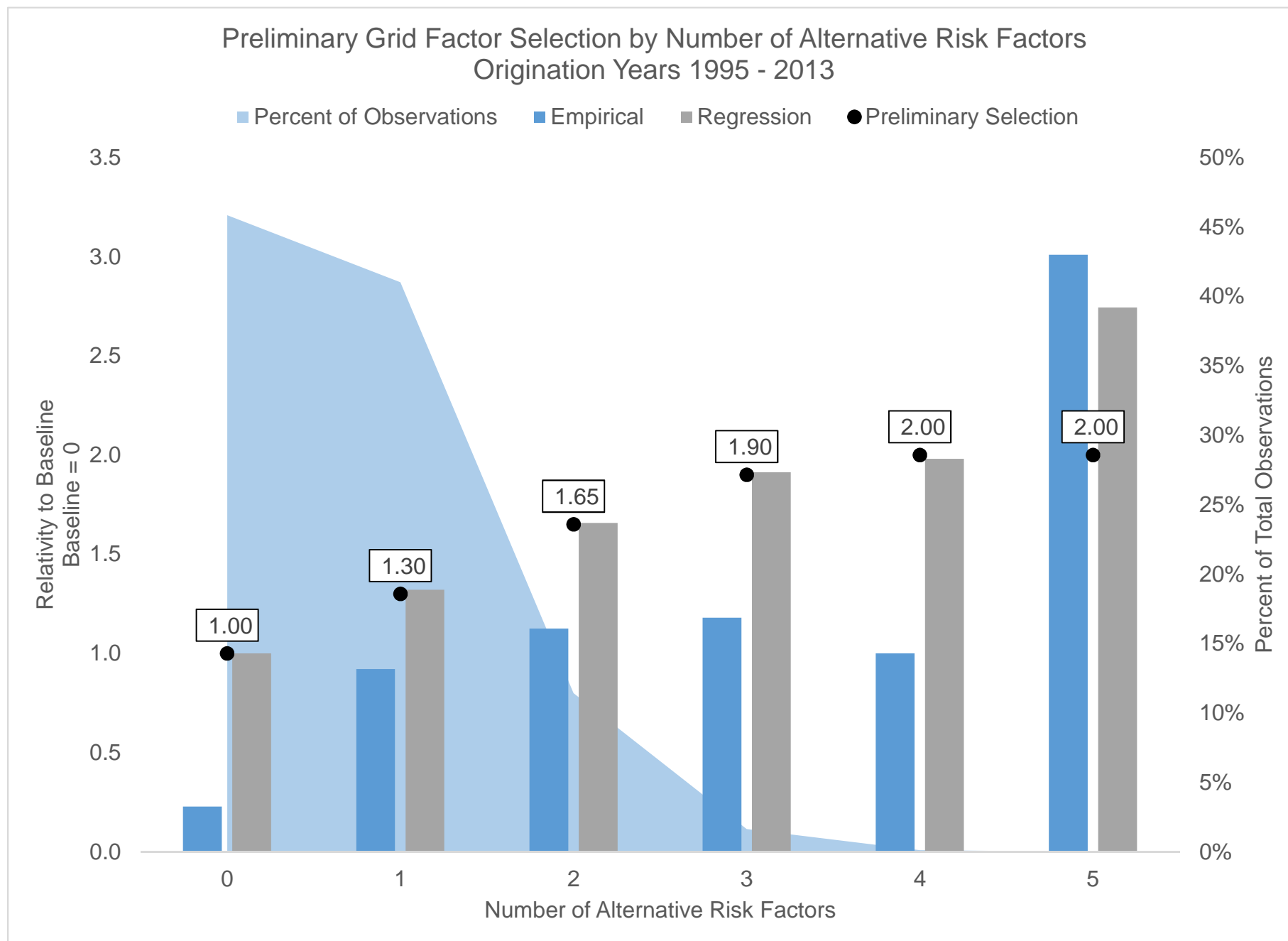
**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Number of Risk Offset Factors**

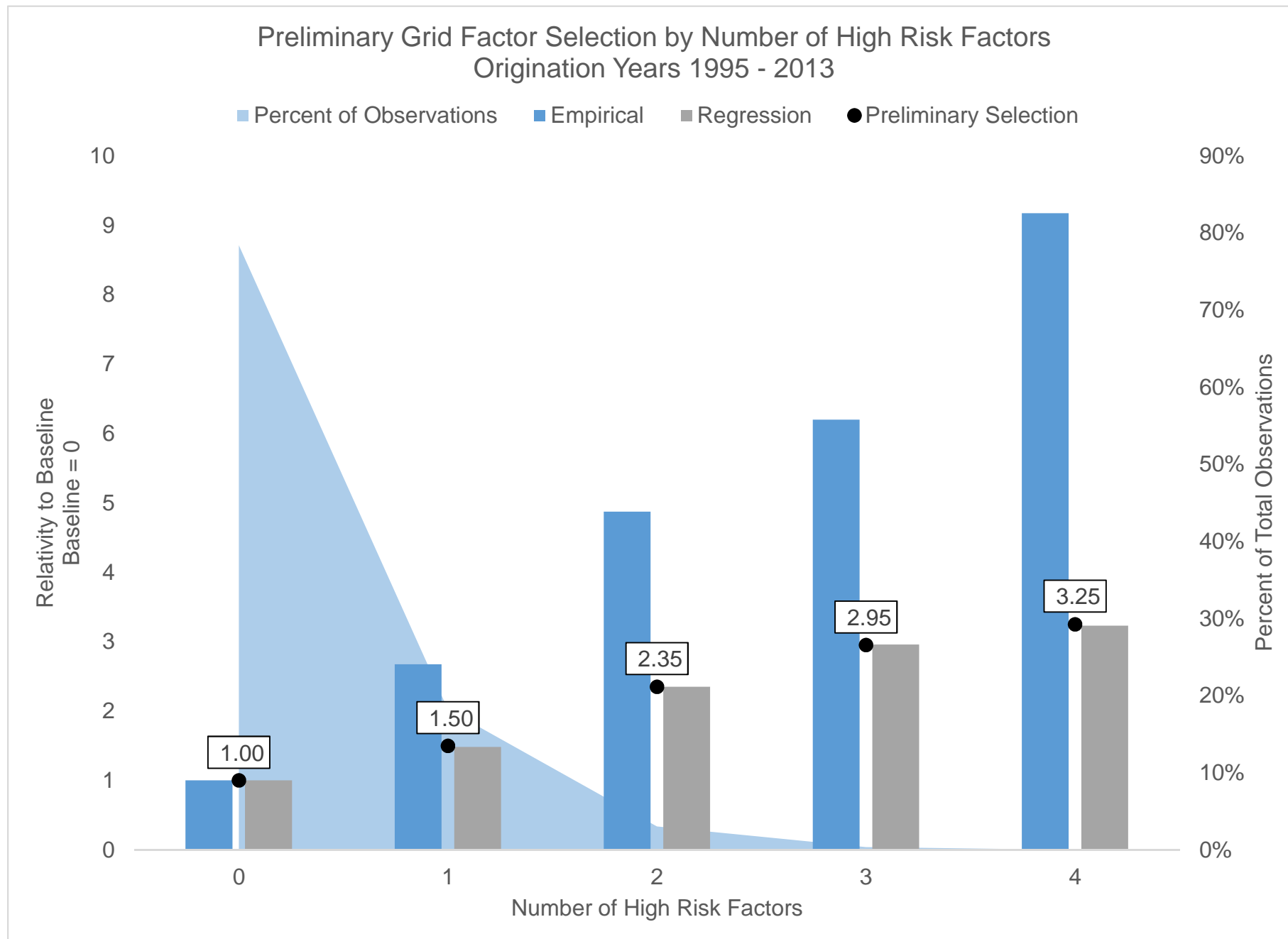
Origination Year	Relativity to Baseline		
	0	1	2
1995	1.00	0.50	0.18
1996	1.00	0.47	0.20
1997	1.00	0.43	0.19
1998	1.00	0.48	0.37
1999	1.00	0.40	0.23
2000	1.00	0.37	0.29
2001	1.00	0.46	0.19
2002	1.00	0.40	0.17
2003	1.00	0.50	0.17
2004	1.00	0.61	0.27
2005	1.00	0.69	0.31
2006	1.00	0.63	0.36
2007	1.00	0.64	0.40
2008	1.00	0.56	0.27
2009	1.00	0.71	0.39
2010	1.00	0.56	0.35
2011	1.00	0.46	0.28
2012	1.00	0.31	0.45
2013			
<b>All Years</b>	<b>1.00</b>	<b>0.51</b>	<b>0.28</b>

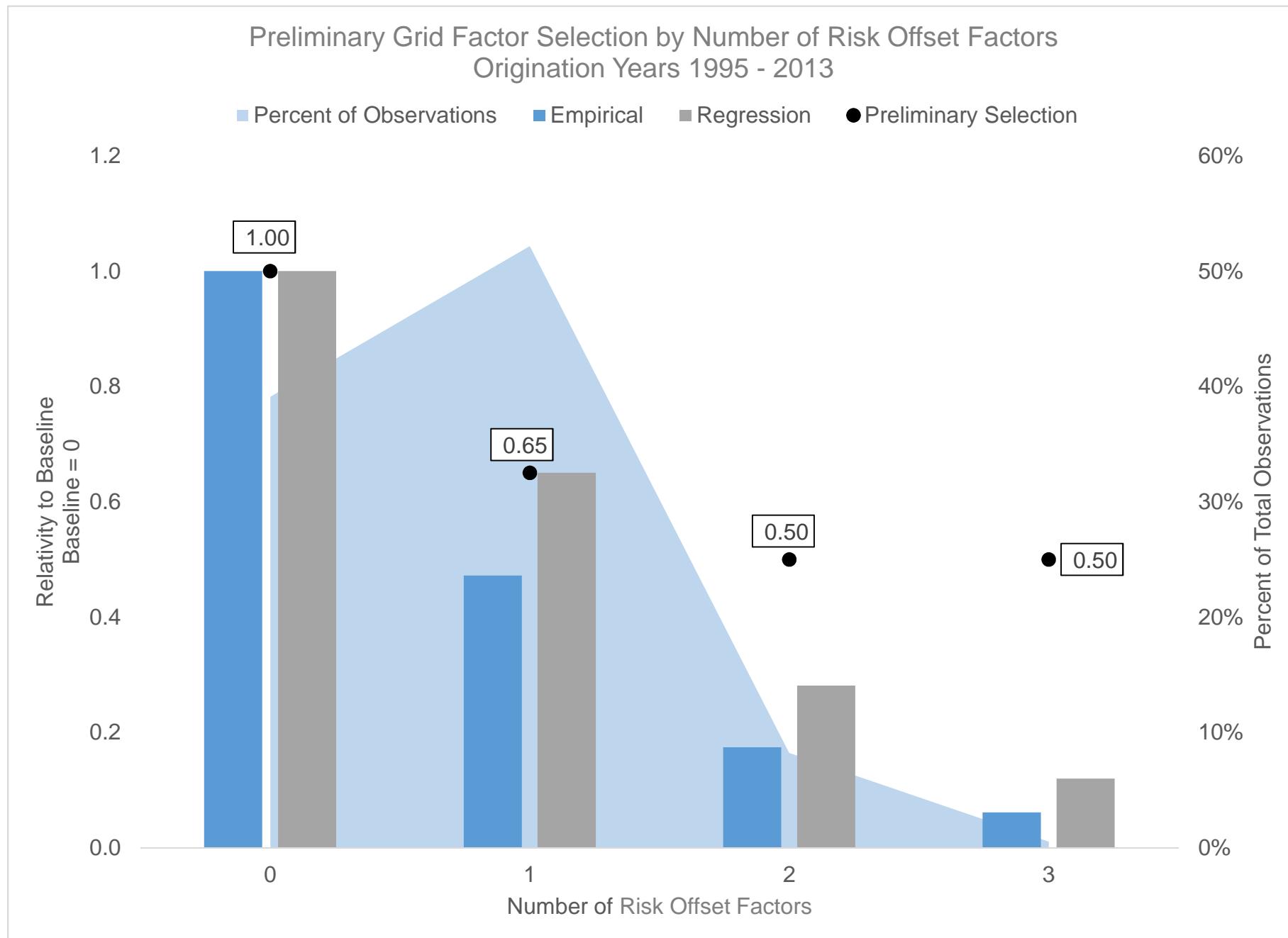






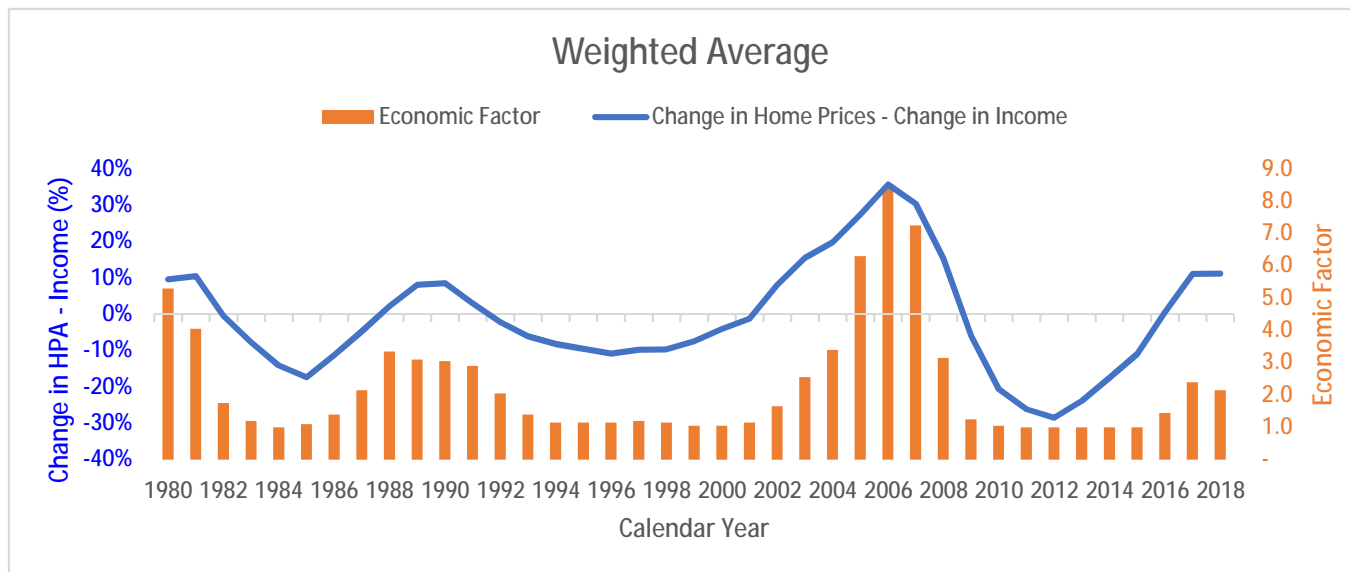






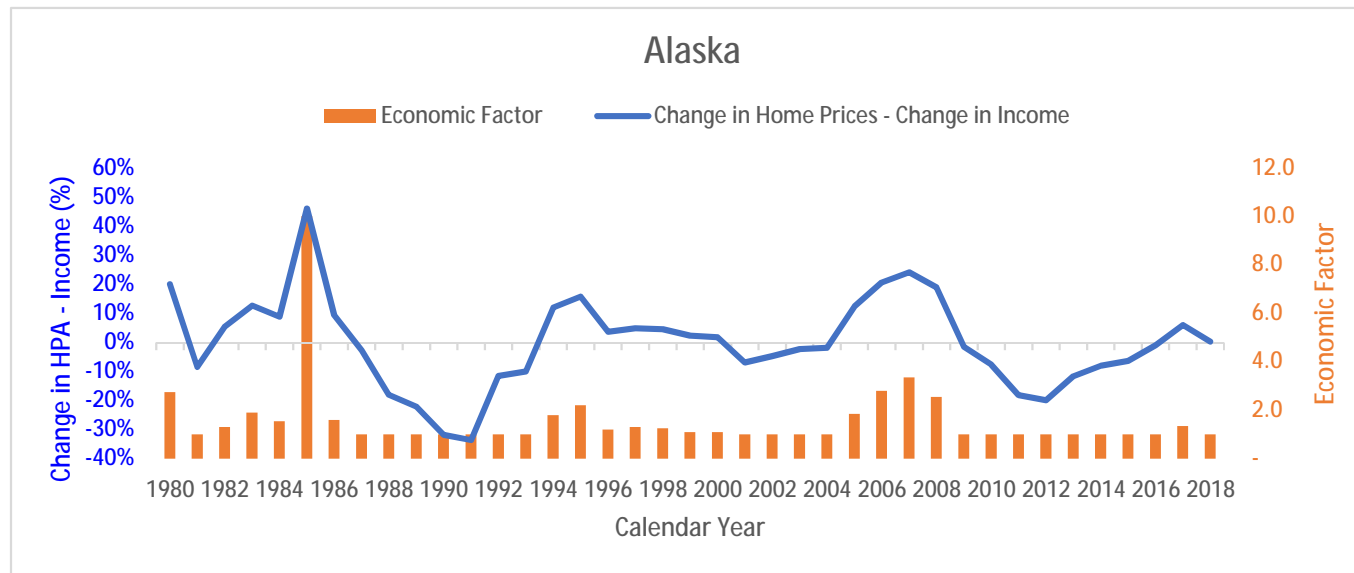
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State \* Weighted Average



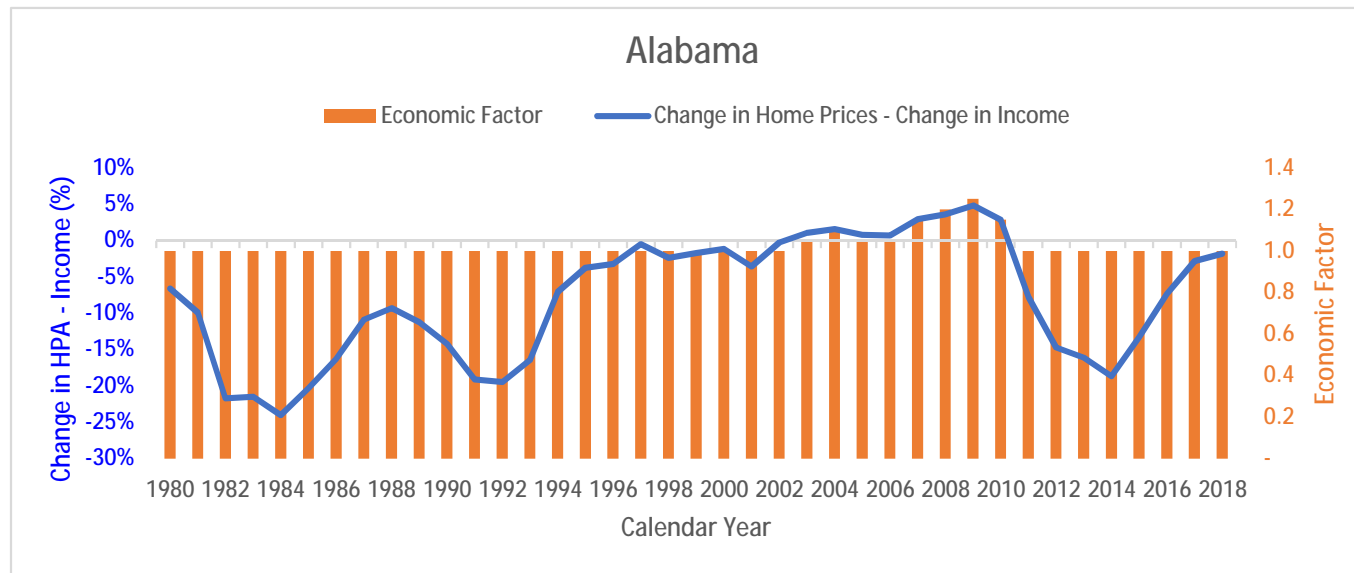
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **AK** Alaska



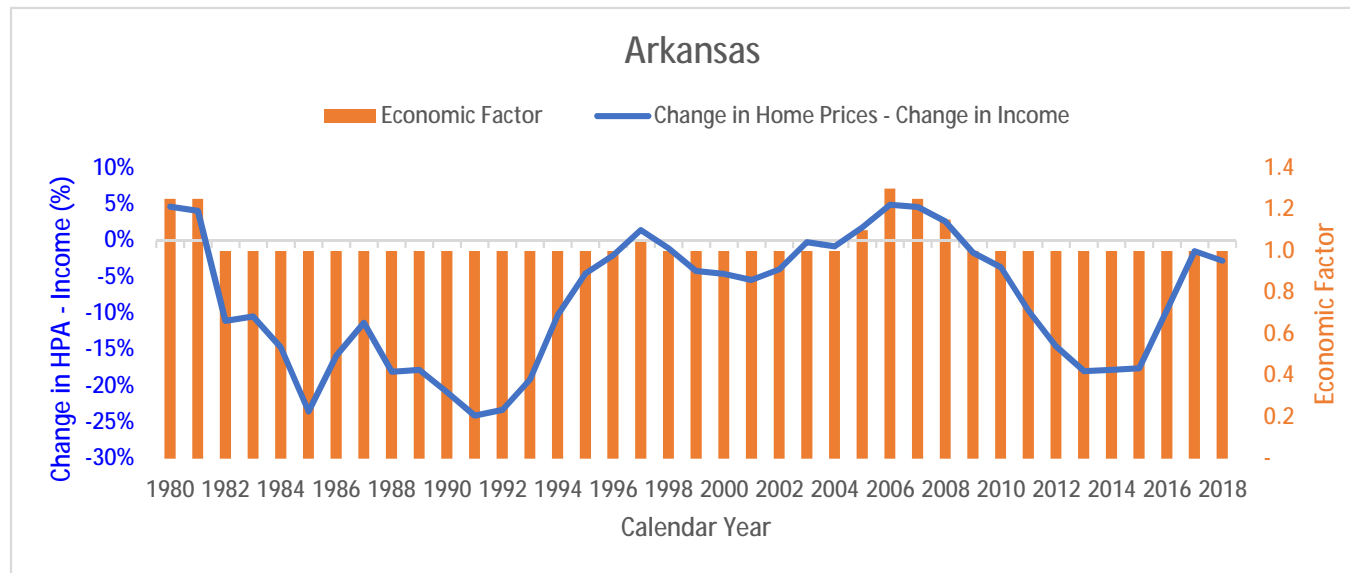
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **AL** Alabama



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

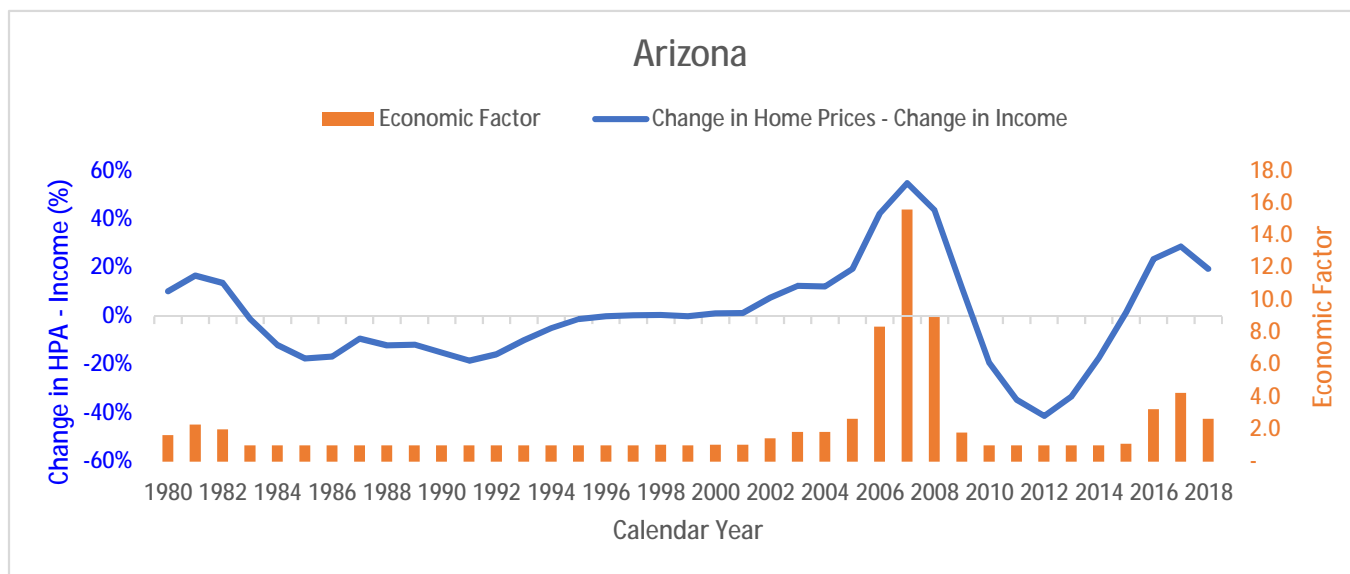
State **AR** Arkansas





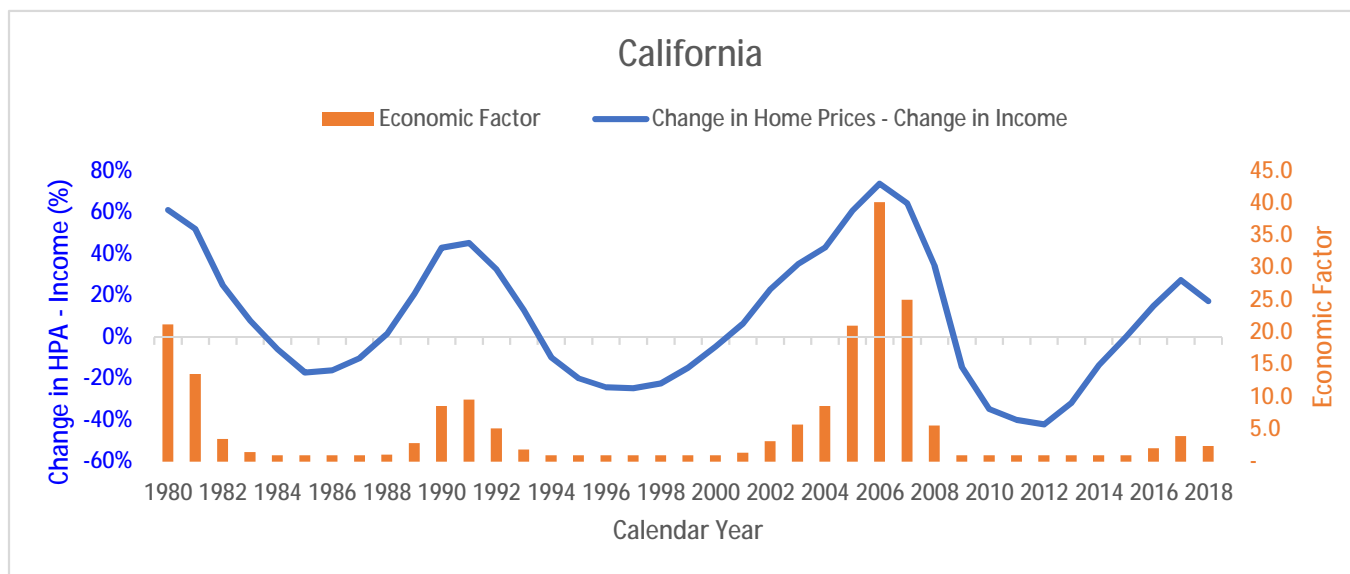
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **AZ** Arizona



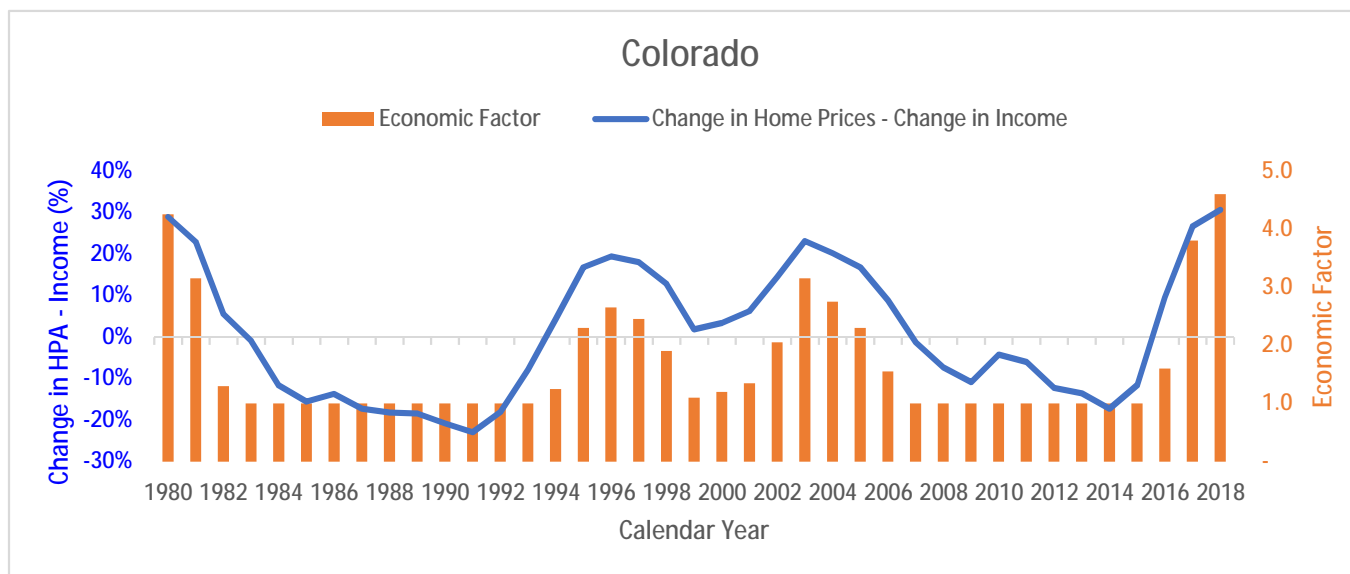
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State CA California



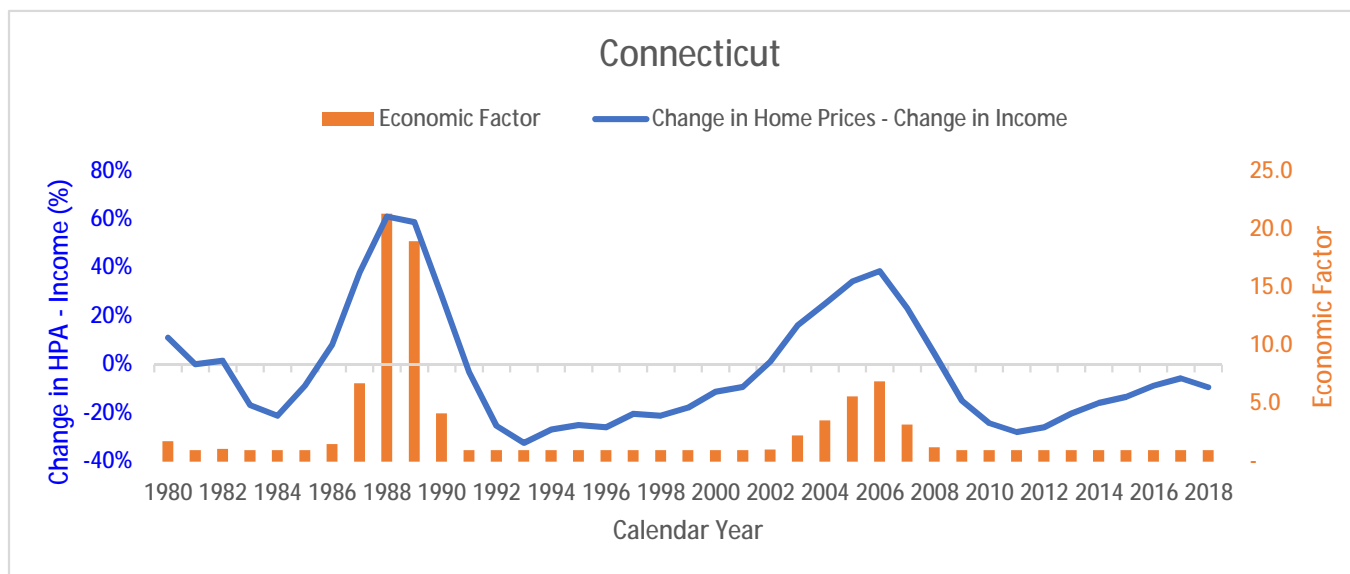
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **CO** Colorado



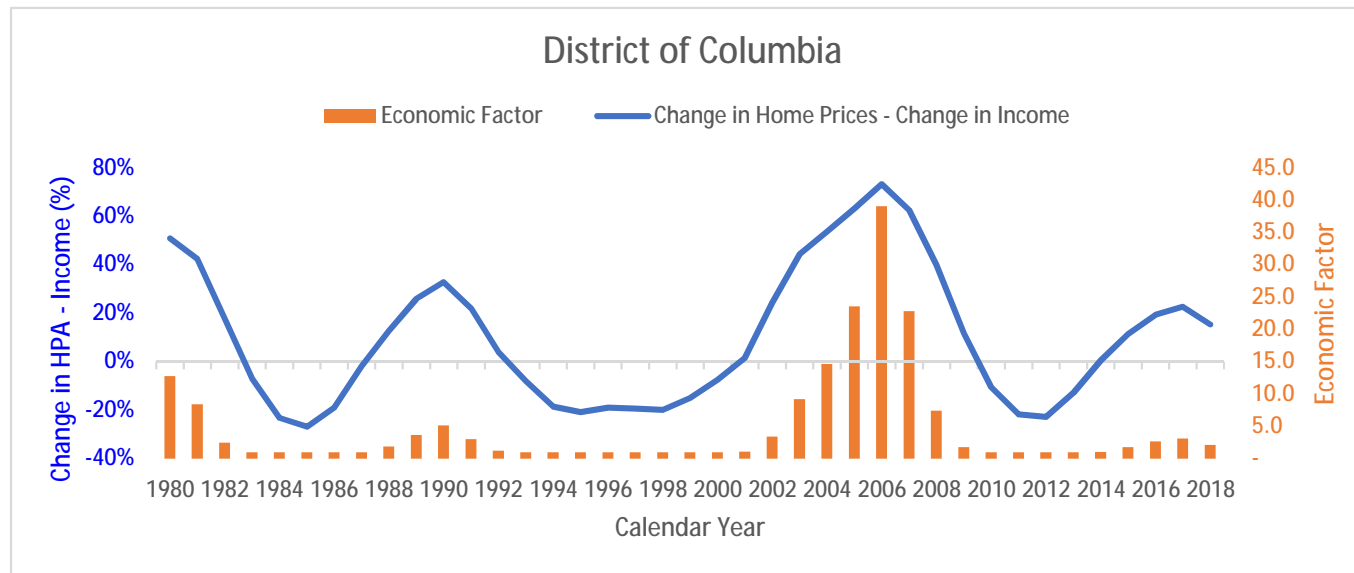
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **CT** Connecticut



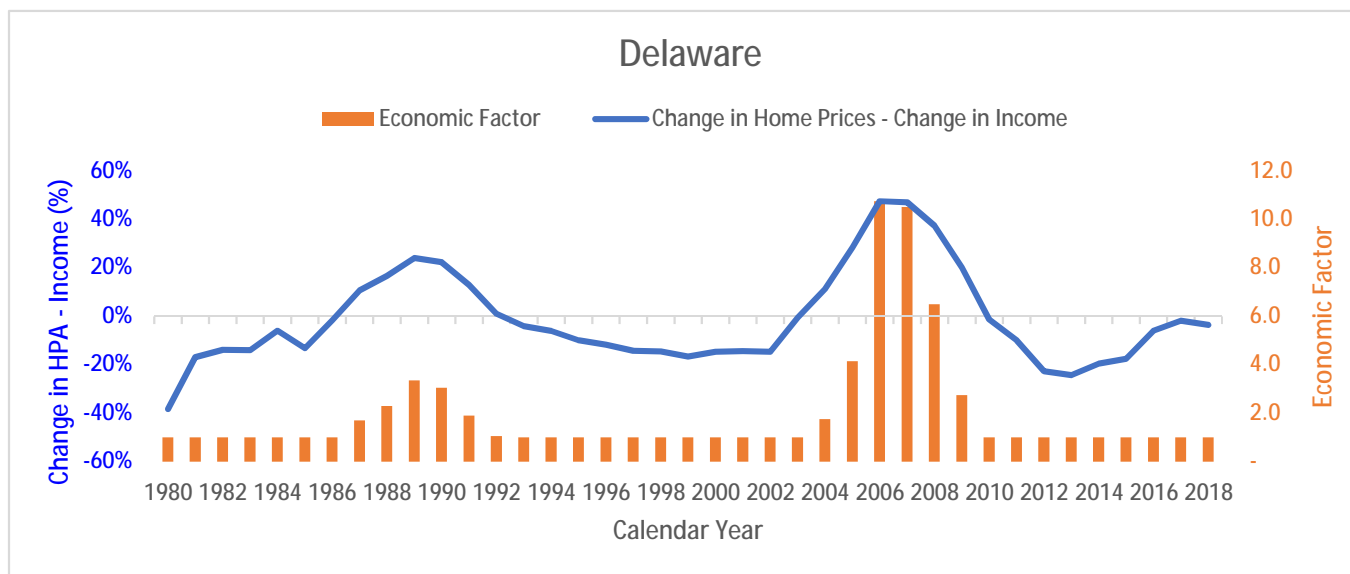
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **DC** District of Columbia



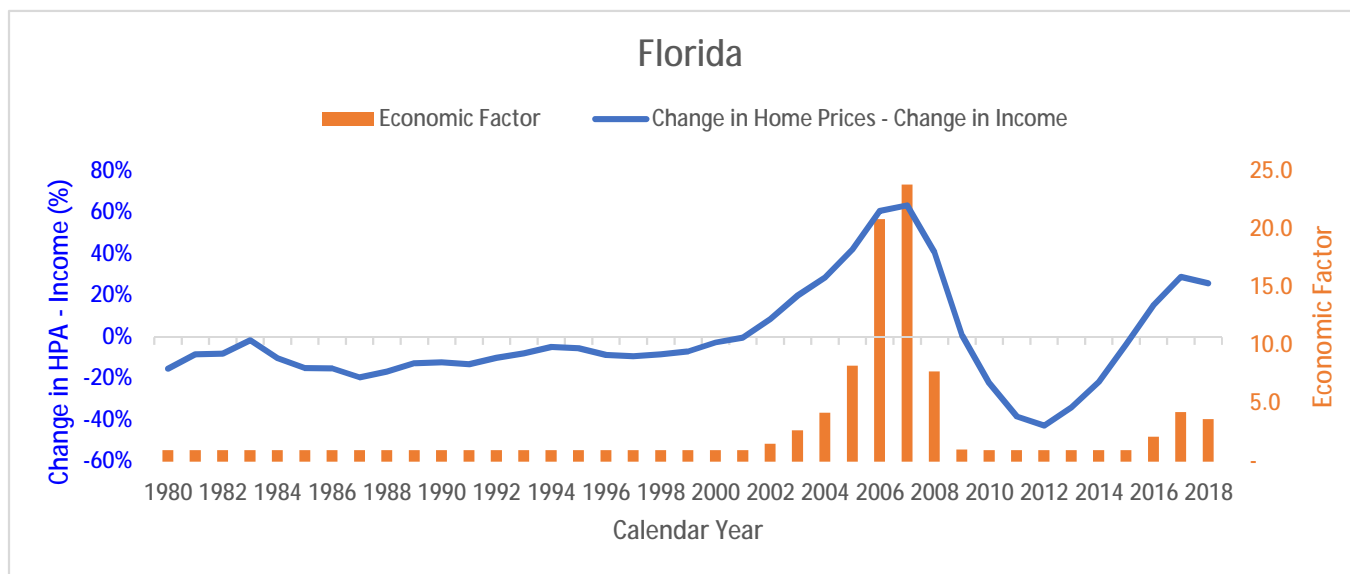
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **DE** Delaware



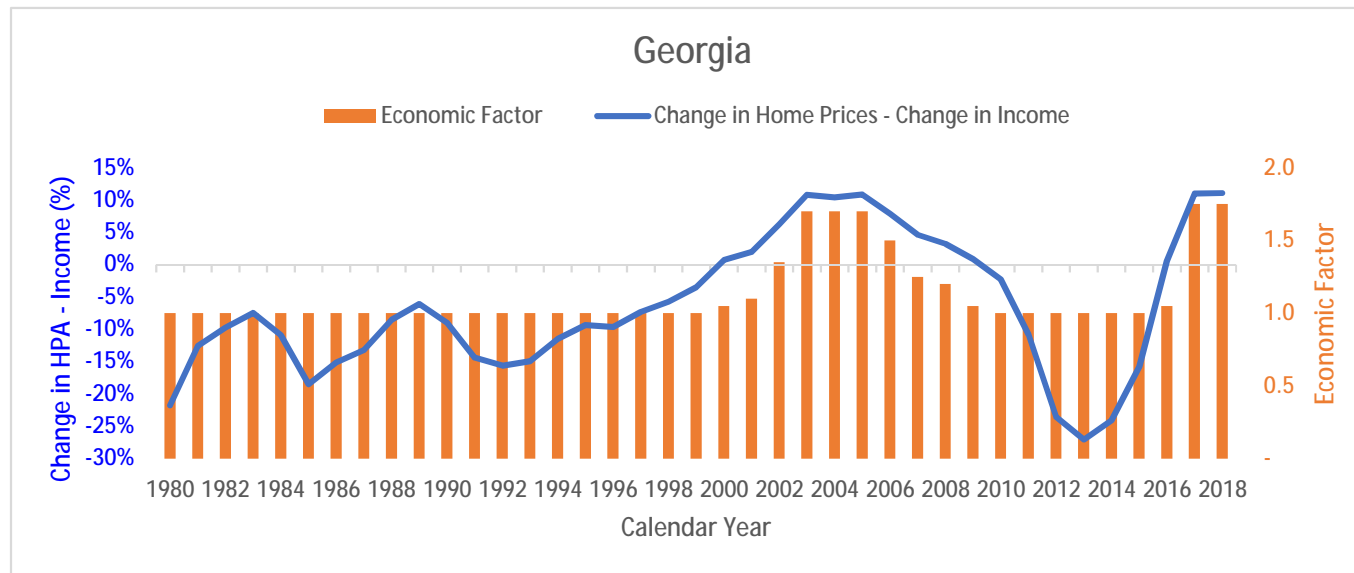
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **FL** Florida



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

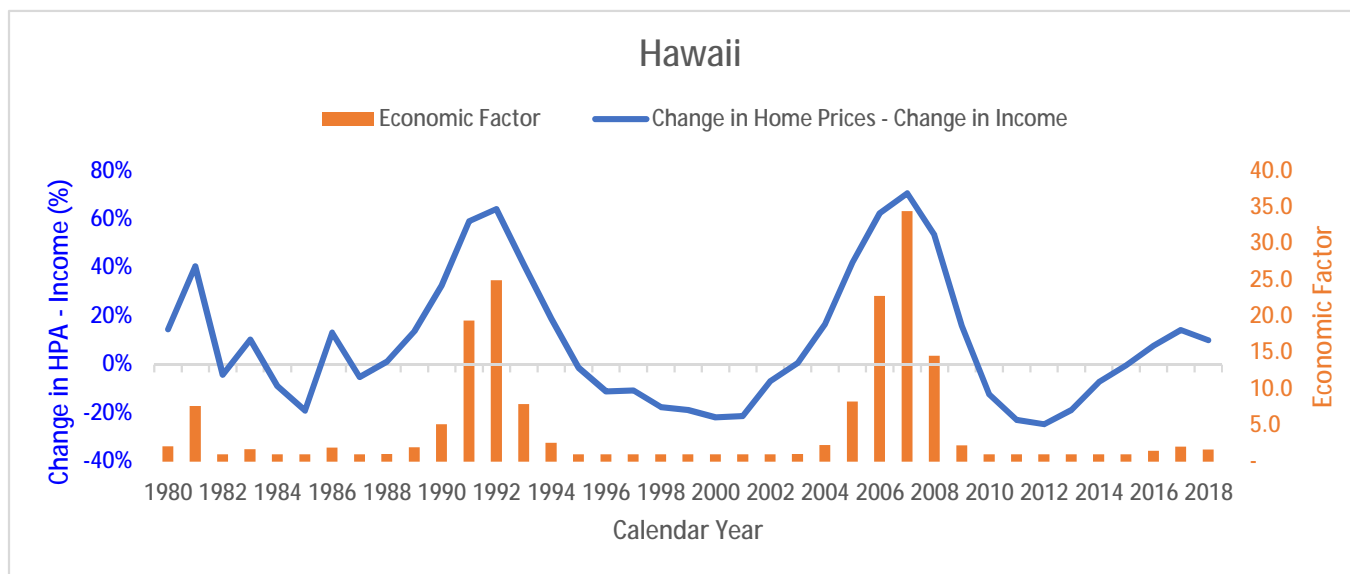
State **GA** Georgia





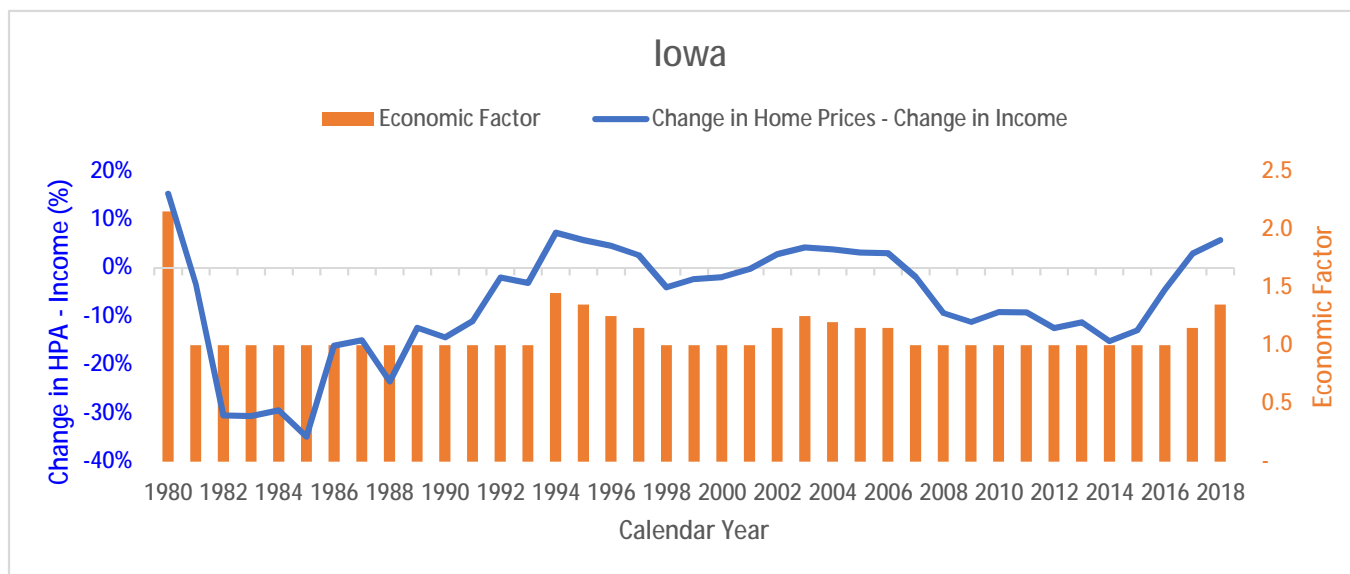
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **HI** Hawaii



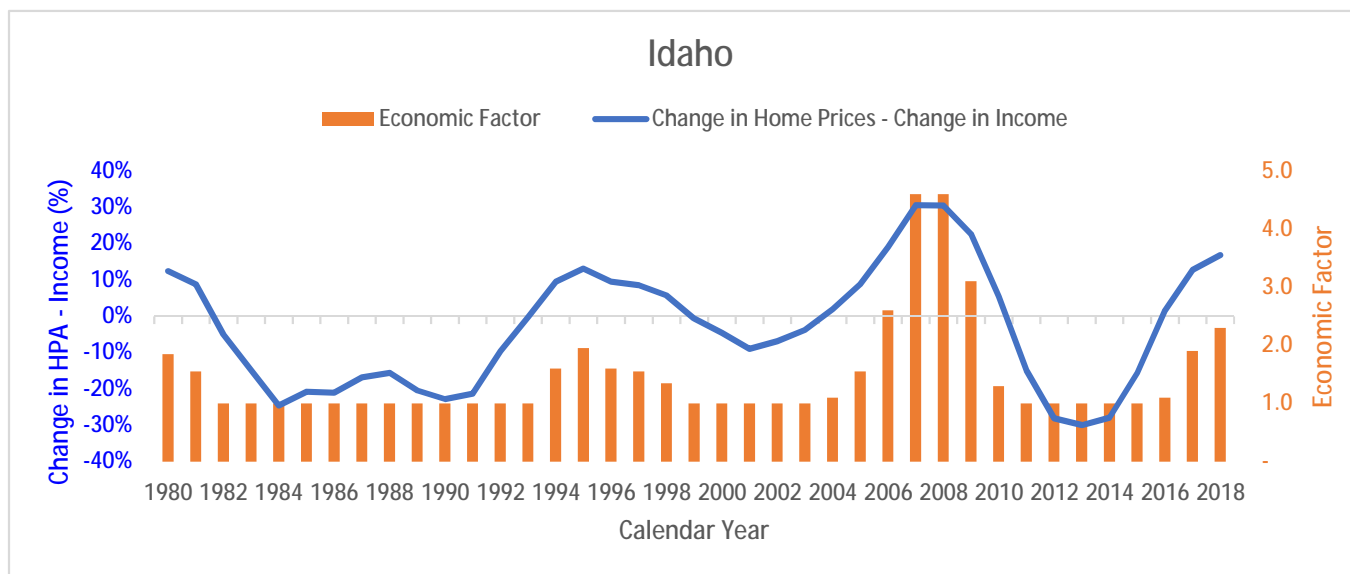
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State IA Iowa



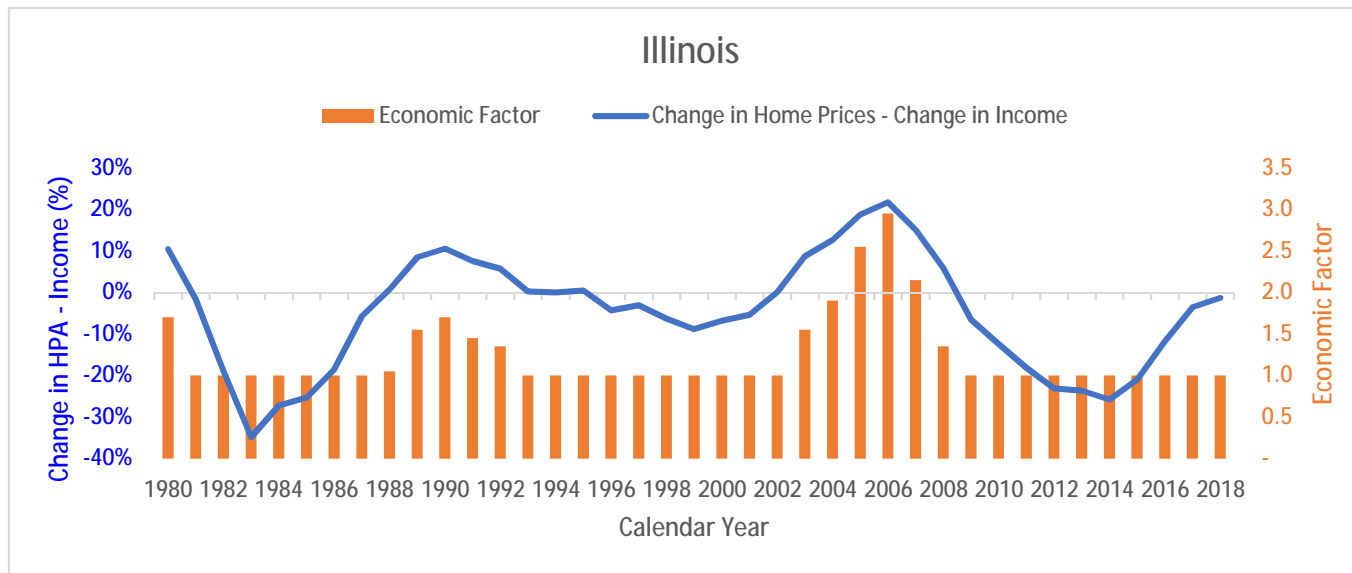
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State ID Idaho



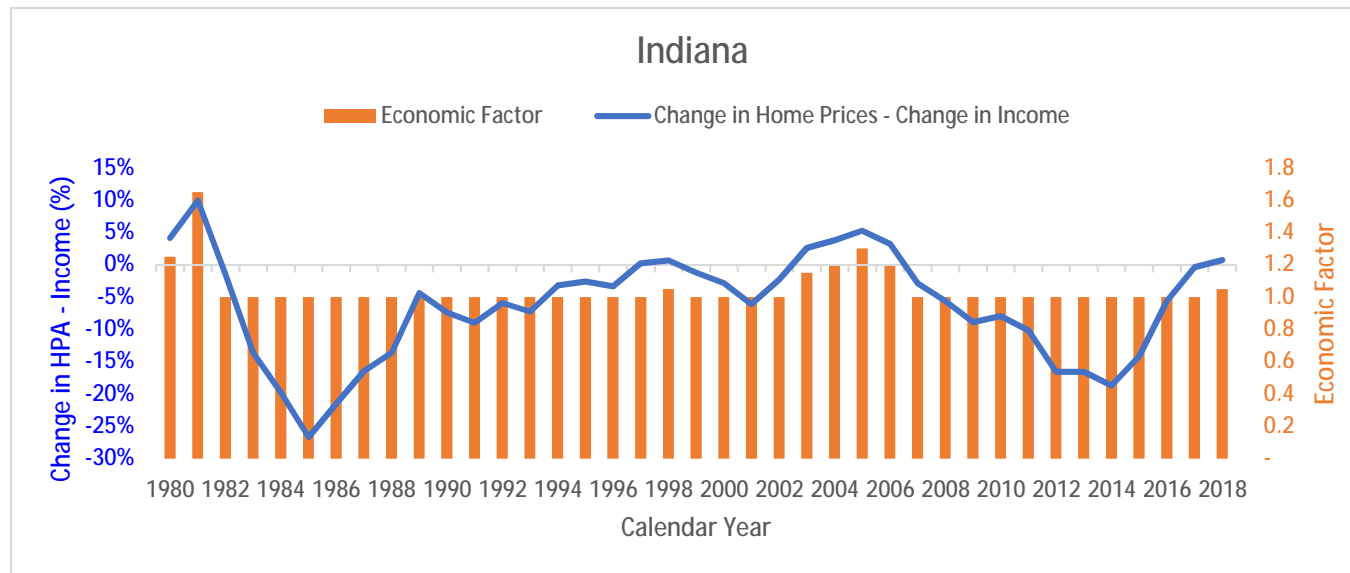
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **IL** Illinois



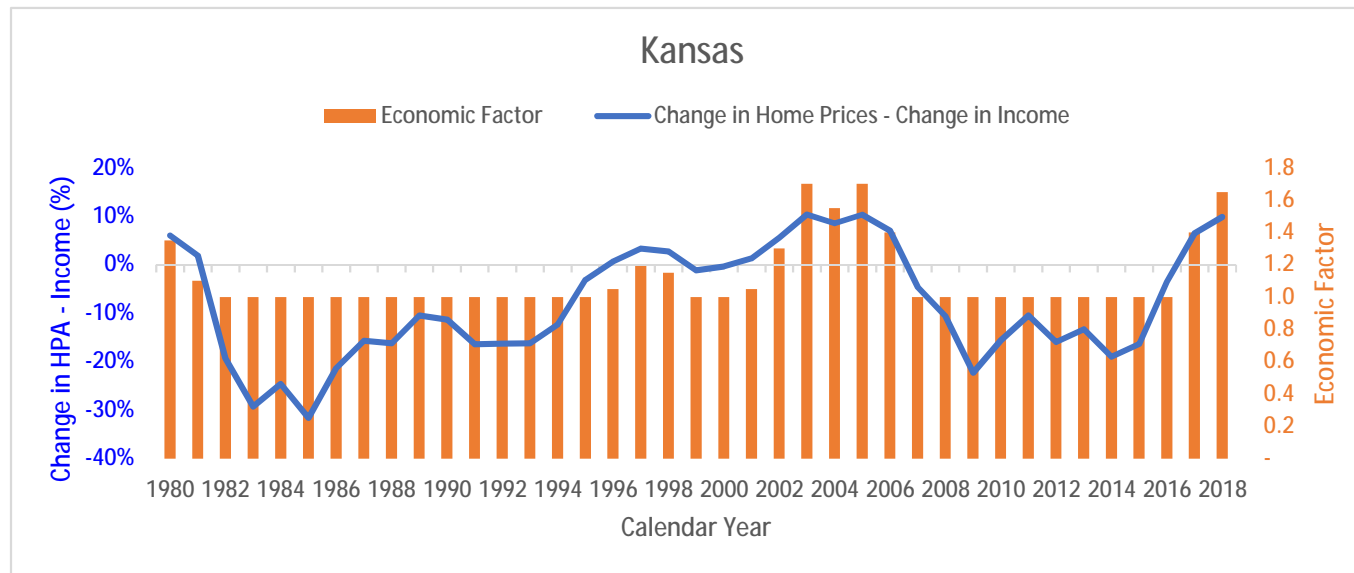
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **IN** Indiana



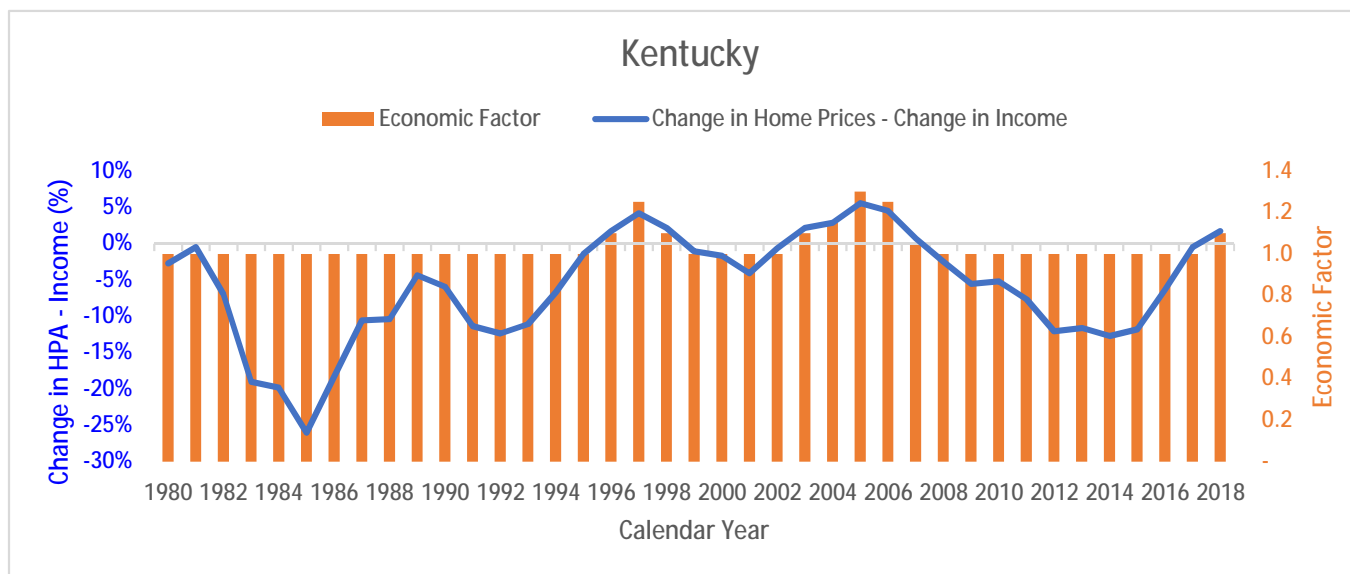
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **KS** Kansas



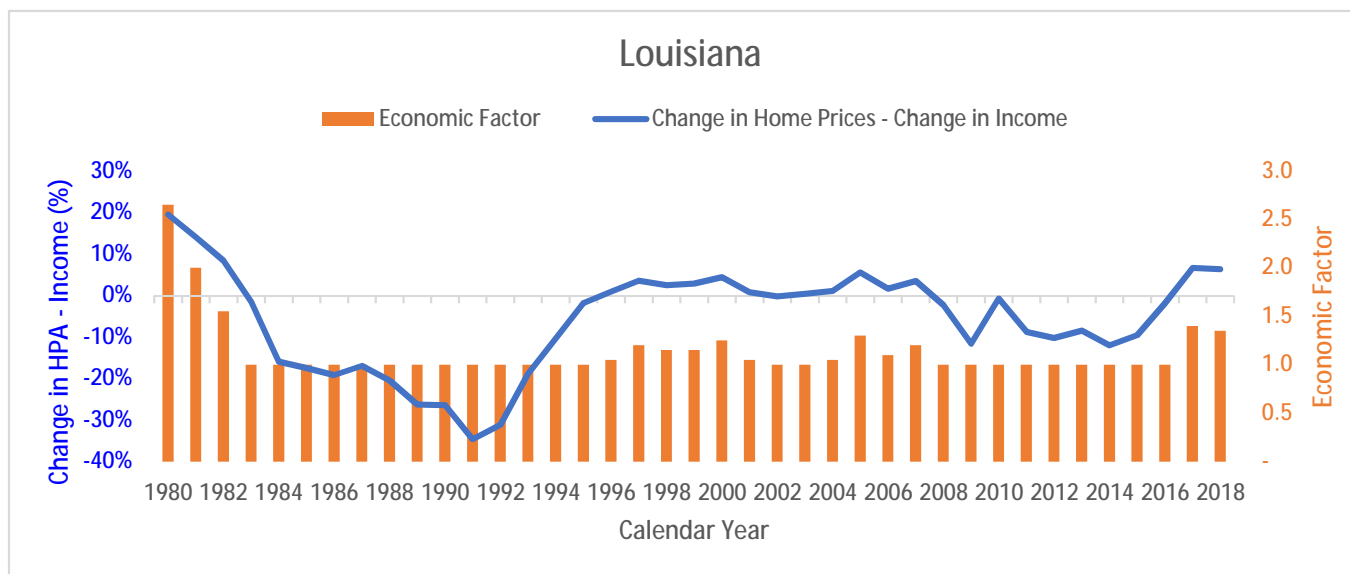
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **KY** Kentucky



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

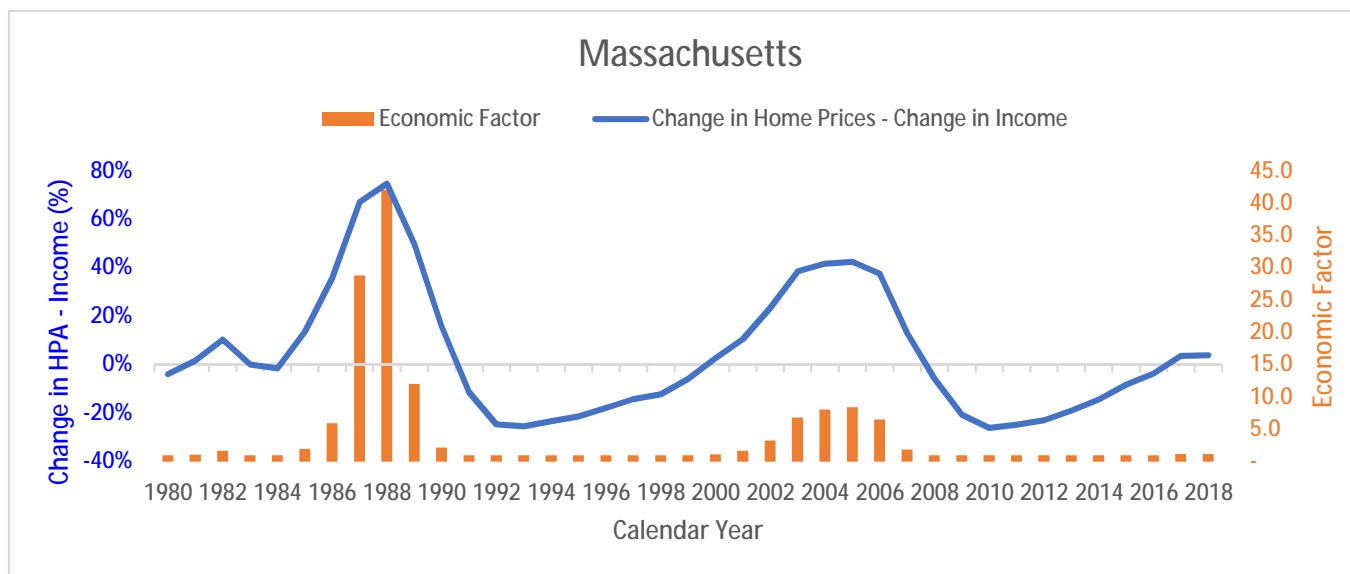
State **LA** Louisiana





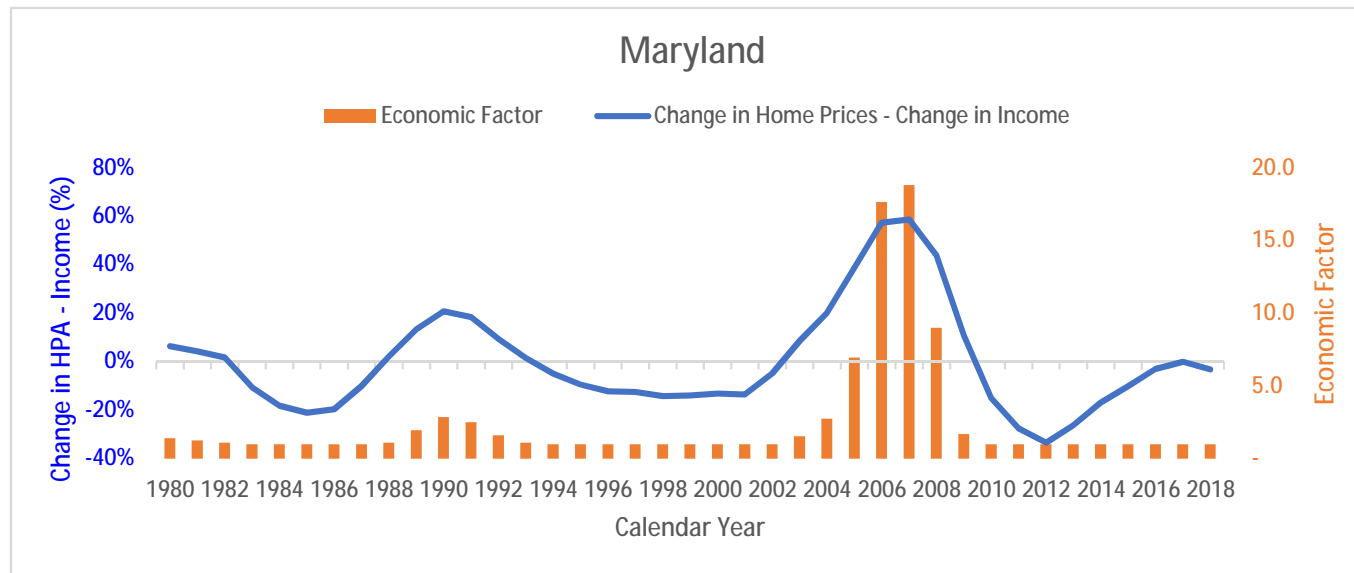
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **MA** Massachusetts



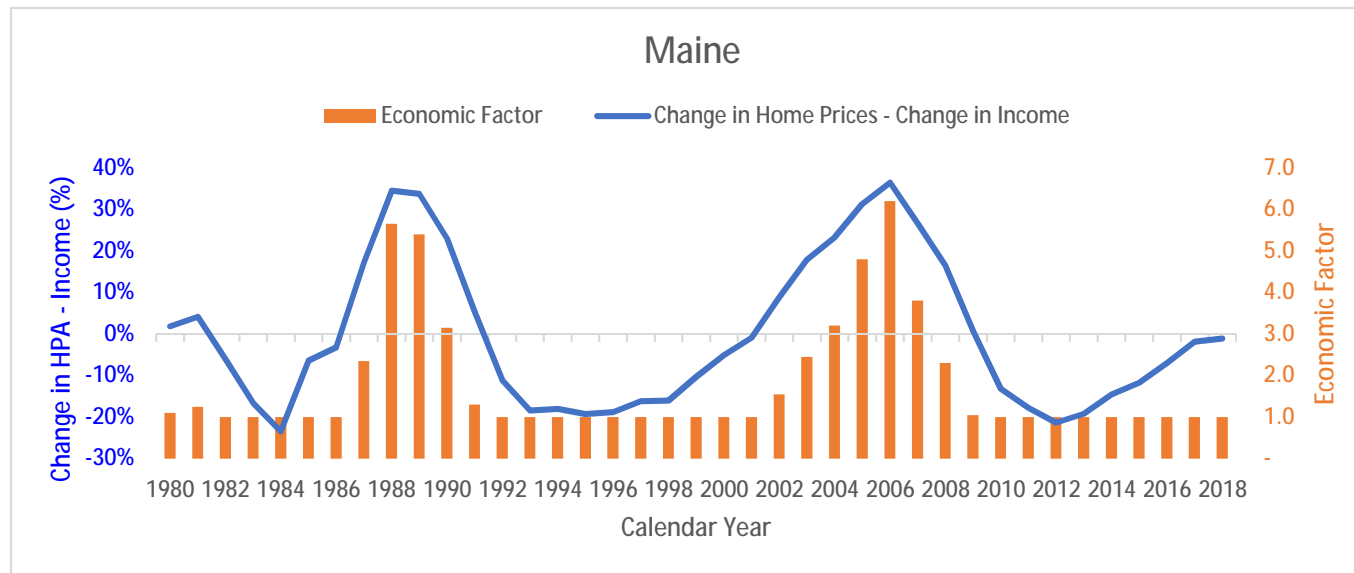
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State MD Maryland



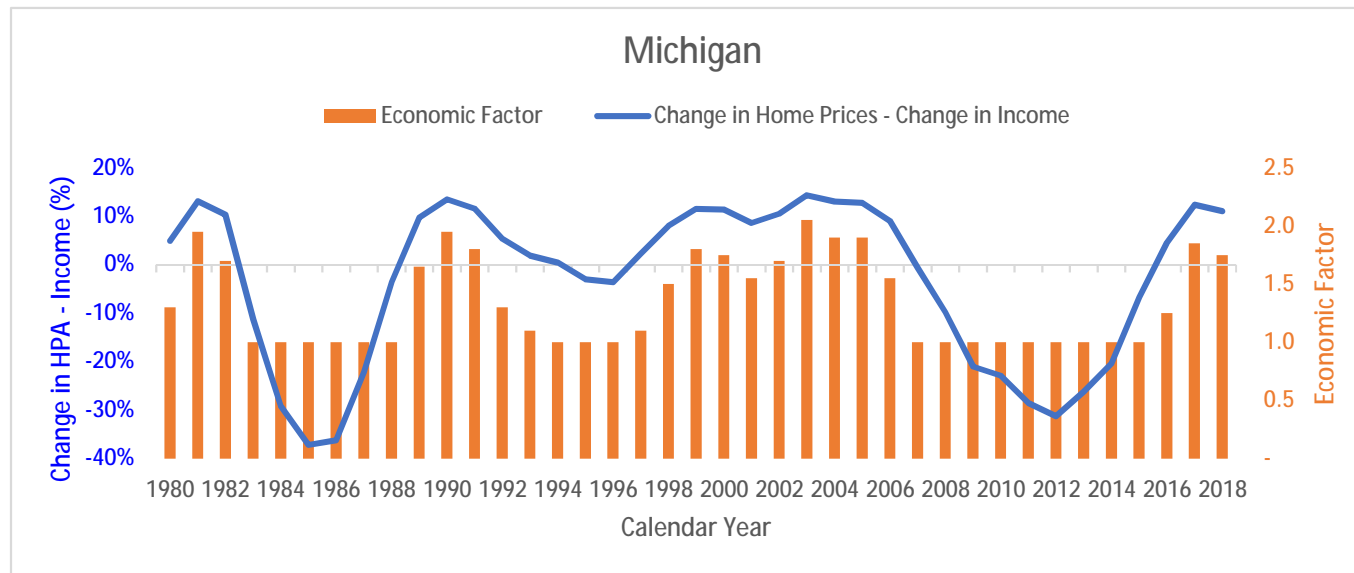
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **ME** Maine



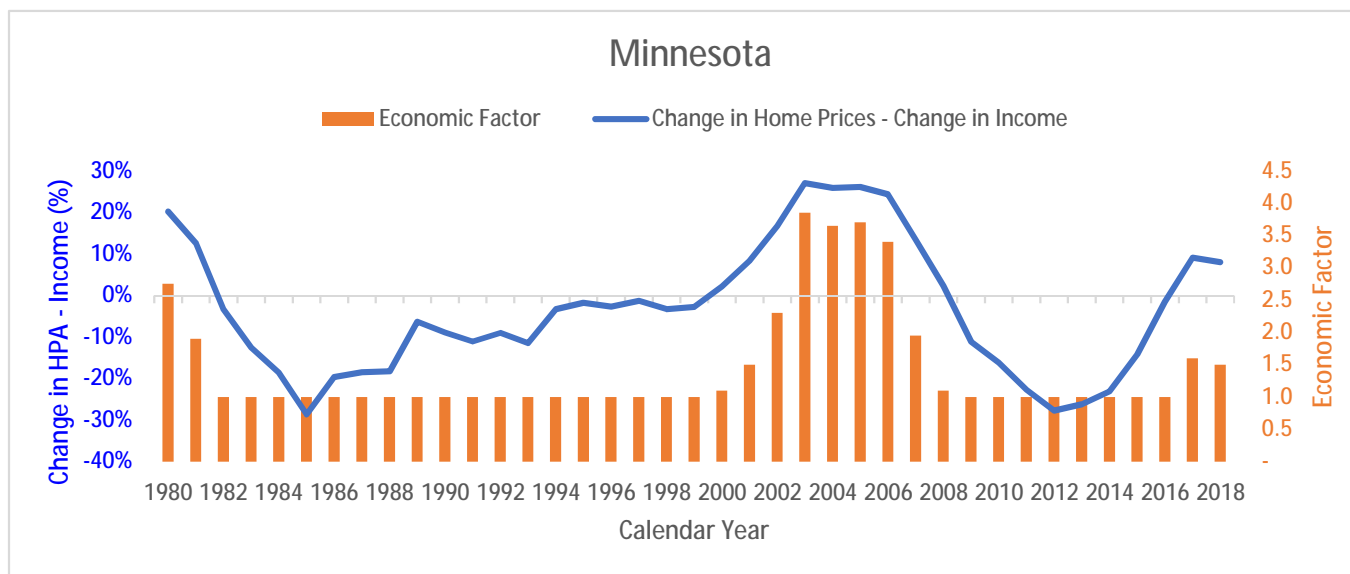
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State MI Michigan



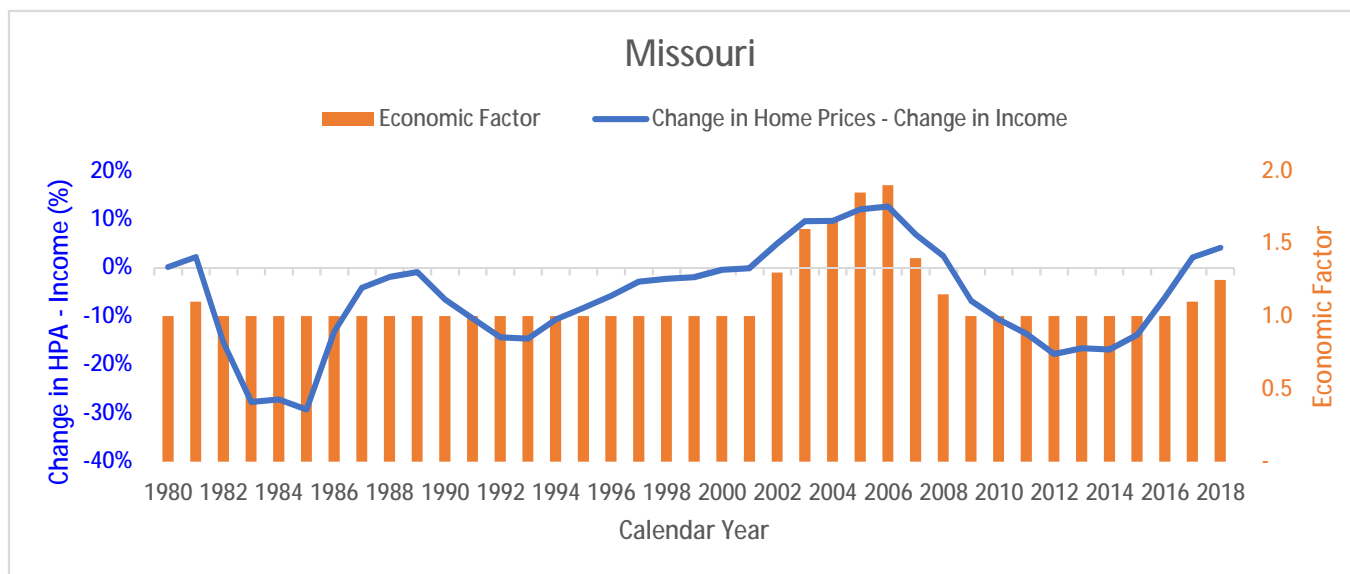
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **MN** Minnesota



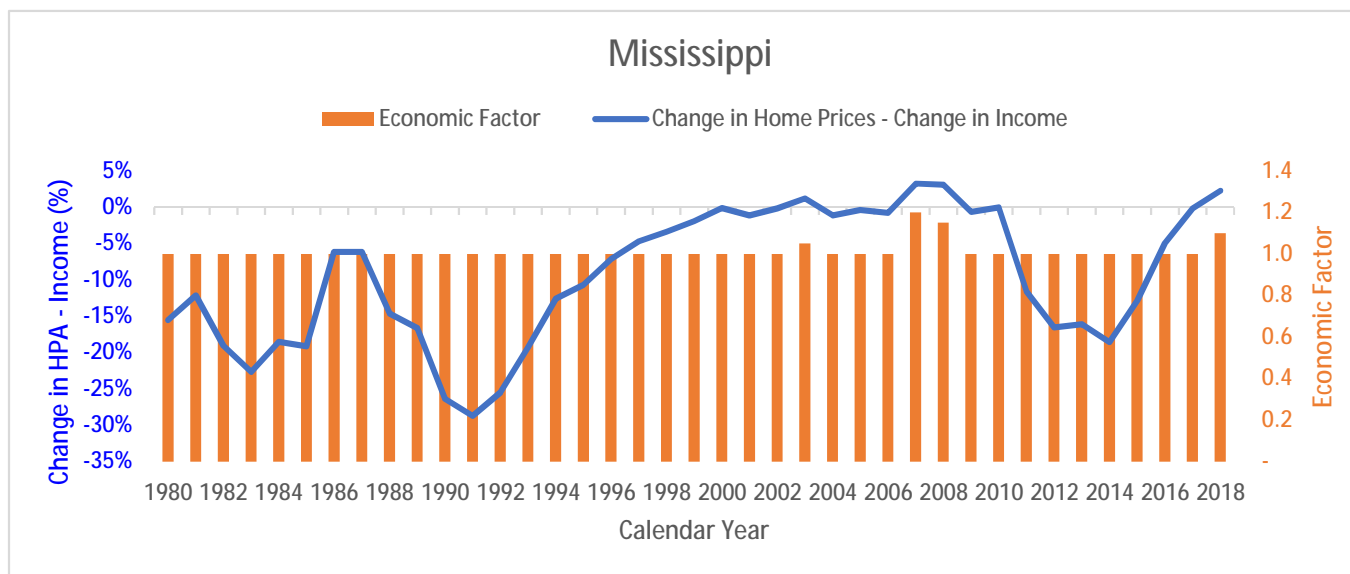
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **MO** Missouri



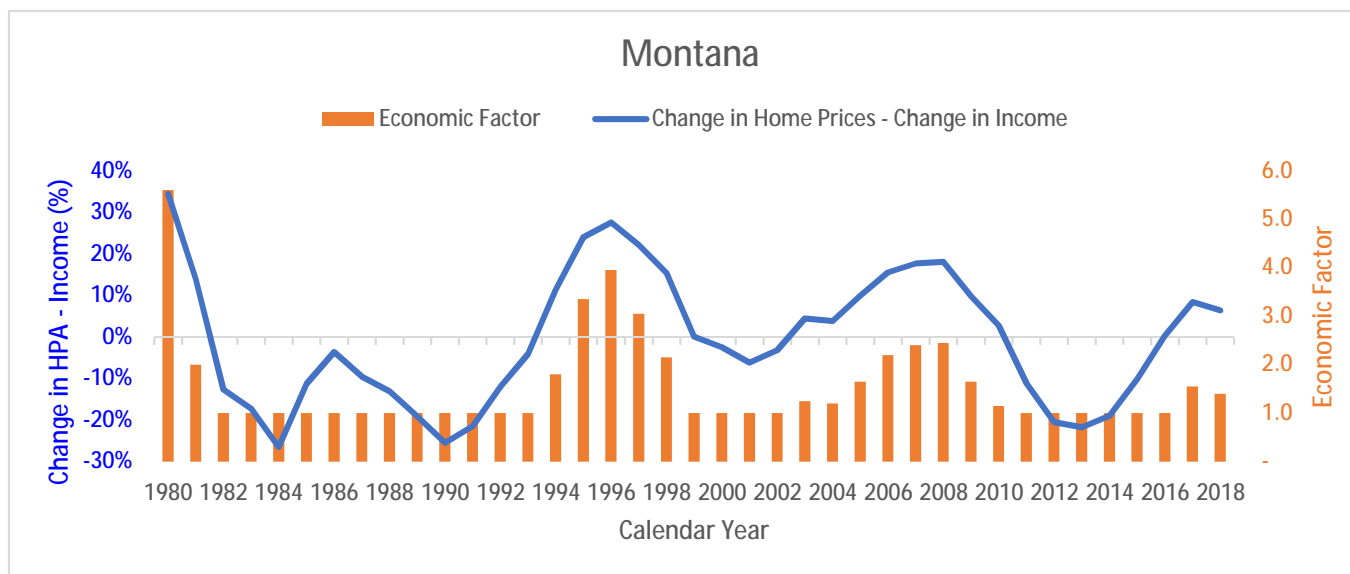
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **MS** Mississippi



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

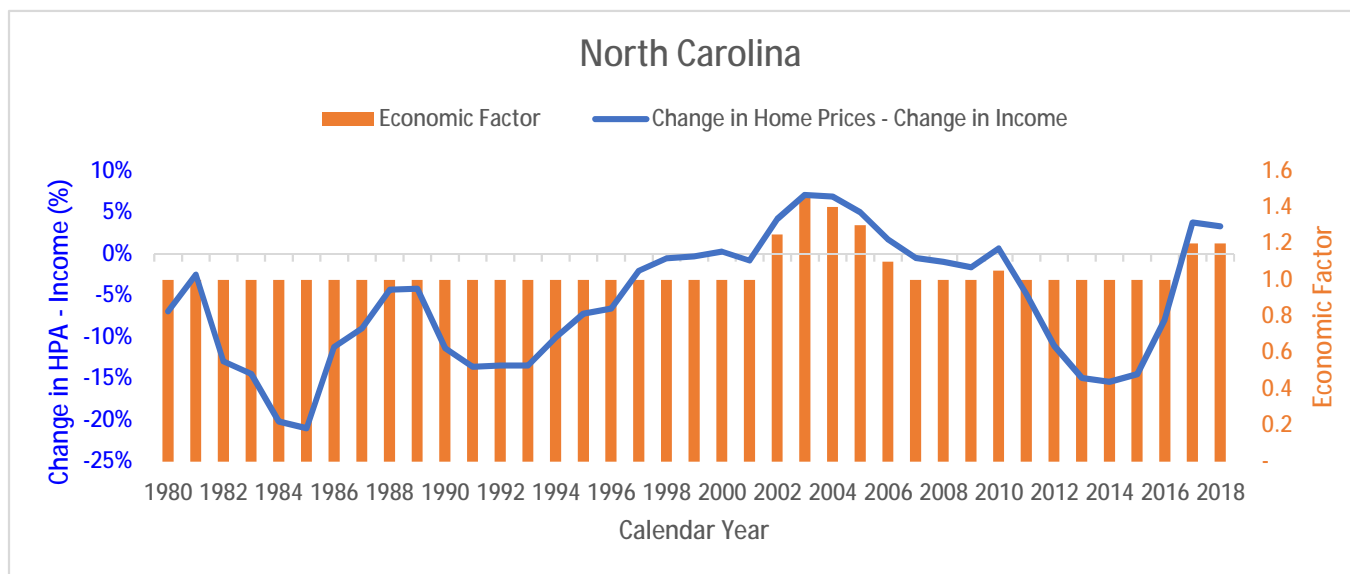
State MT Montana





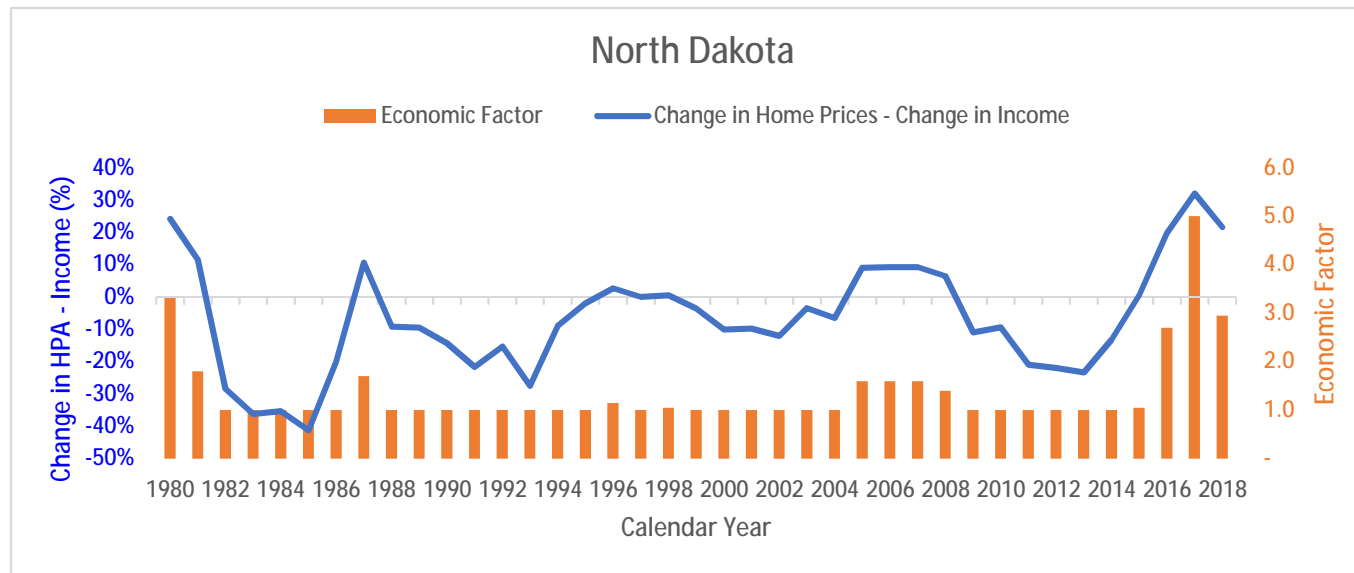
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **NC** North Carolina



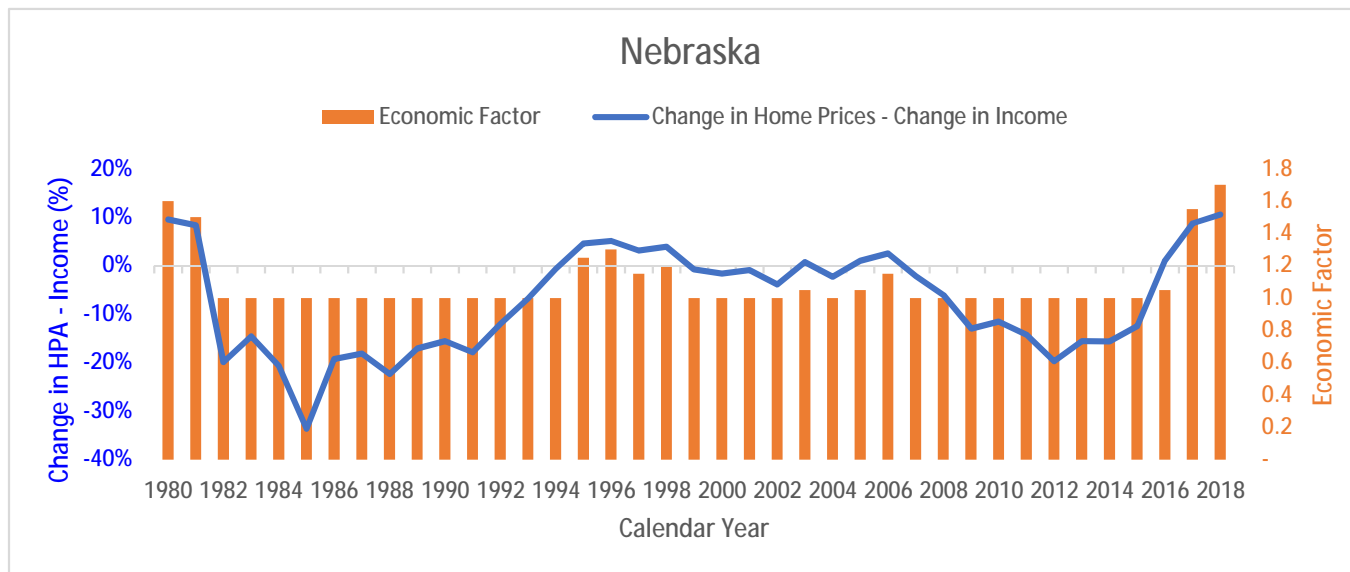
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State ND North Dakota



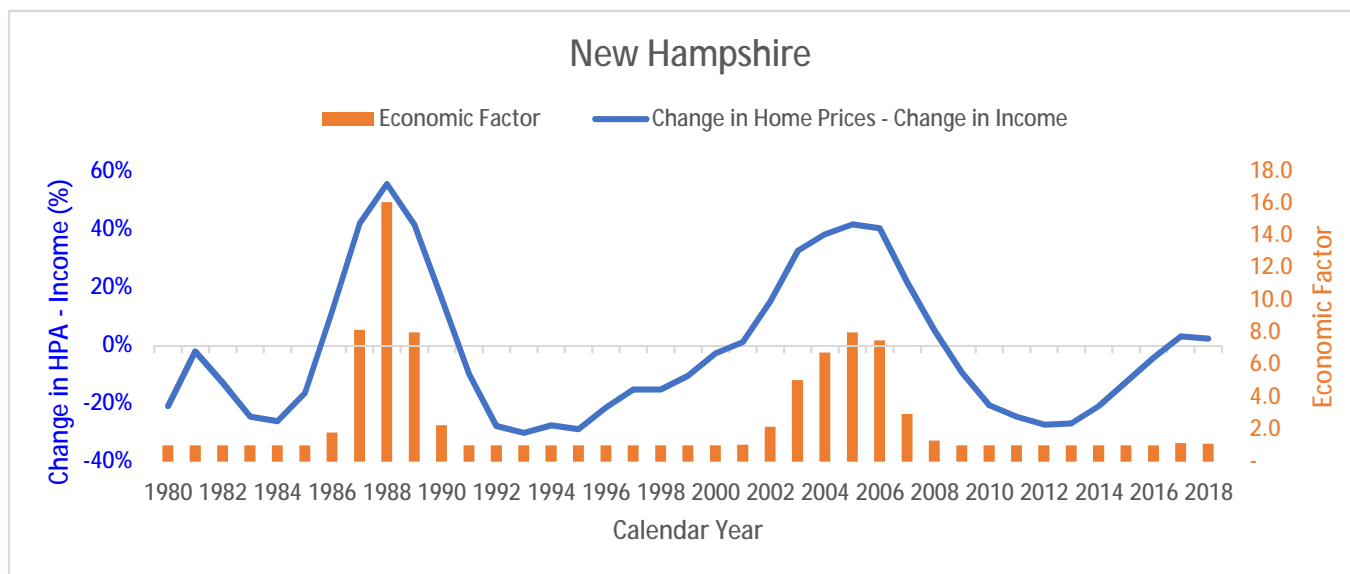
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **NE** Nebraska



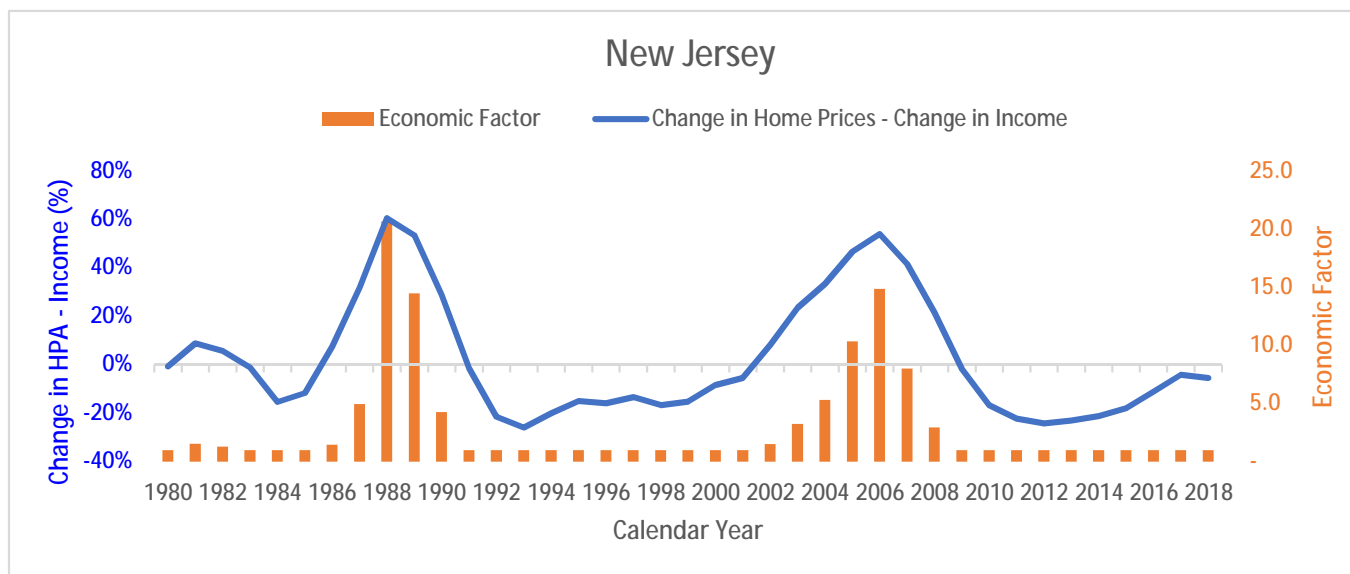
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **NH** New Hampshire



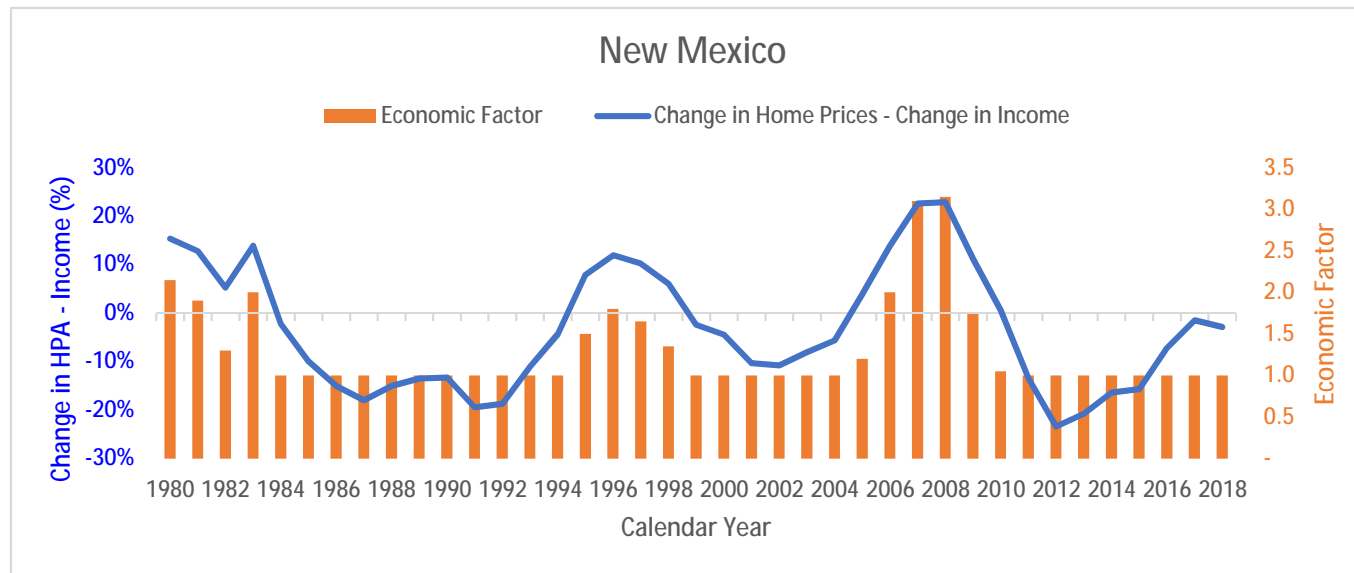
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **NJ** New Jersey



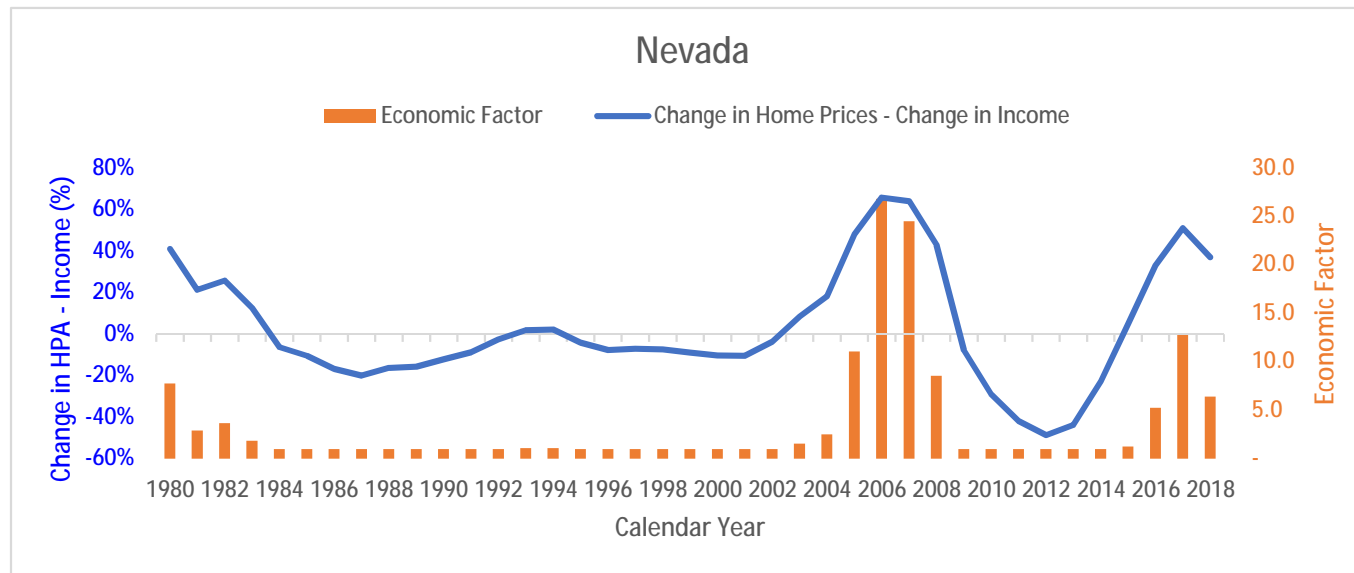
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **NM** New Mexico



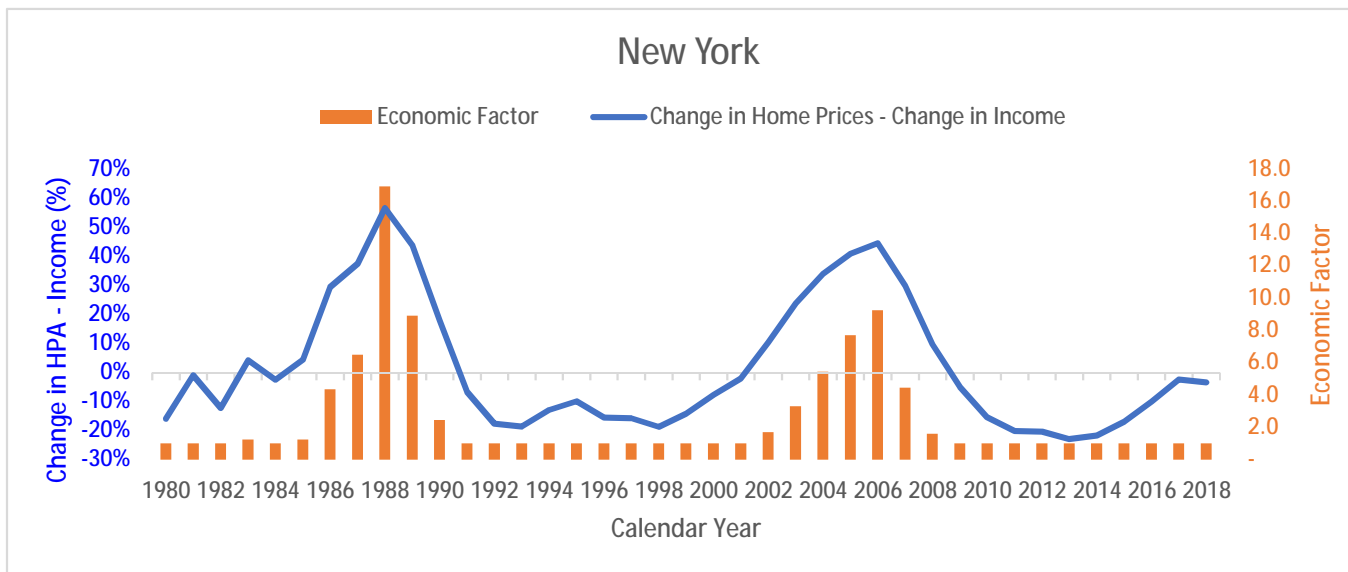
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State NV Nevada



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

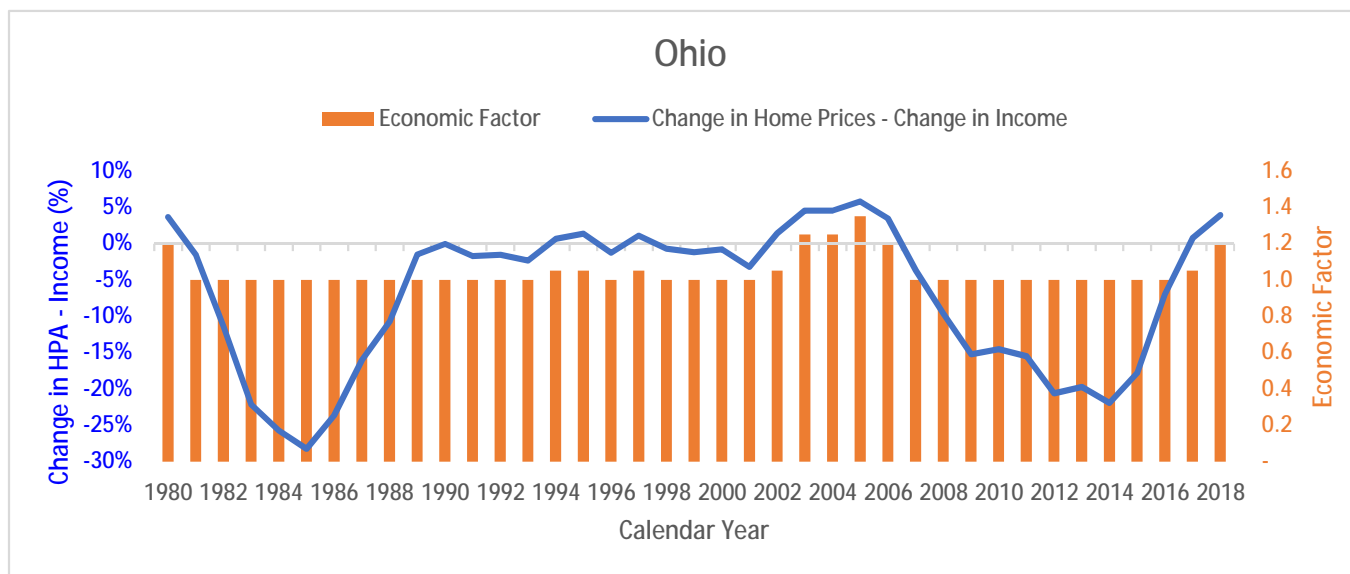
State **NY** New York





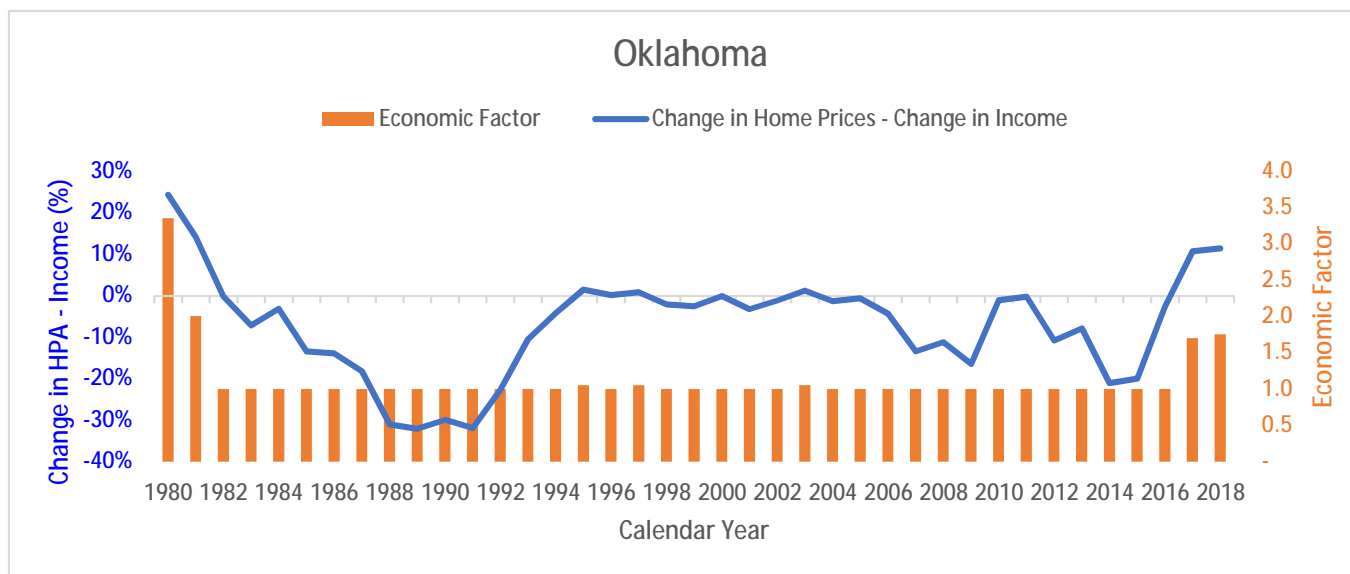
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State OH Ohio



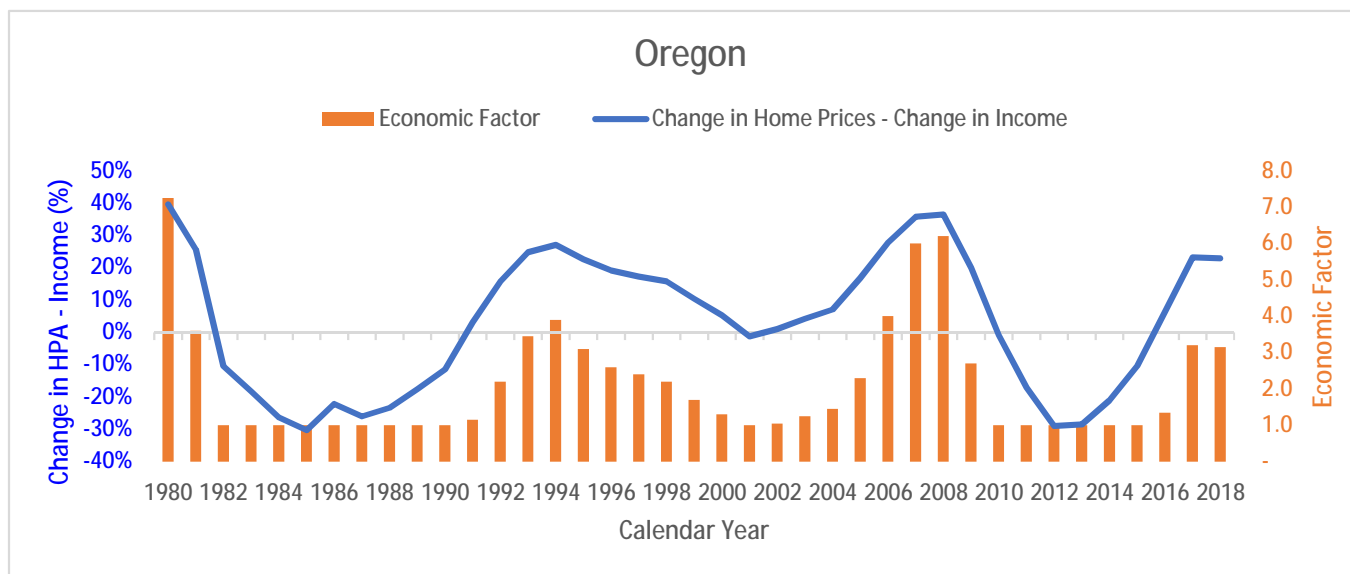
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **OK** Oklahoma



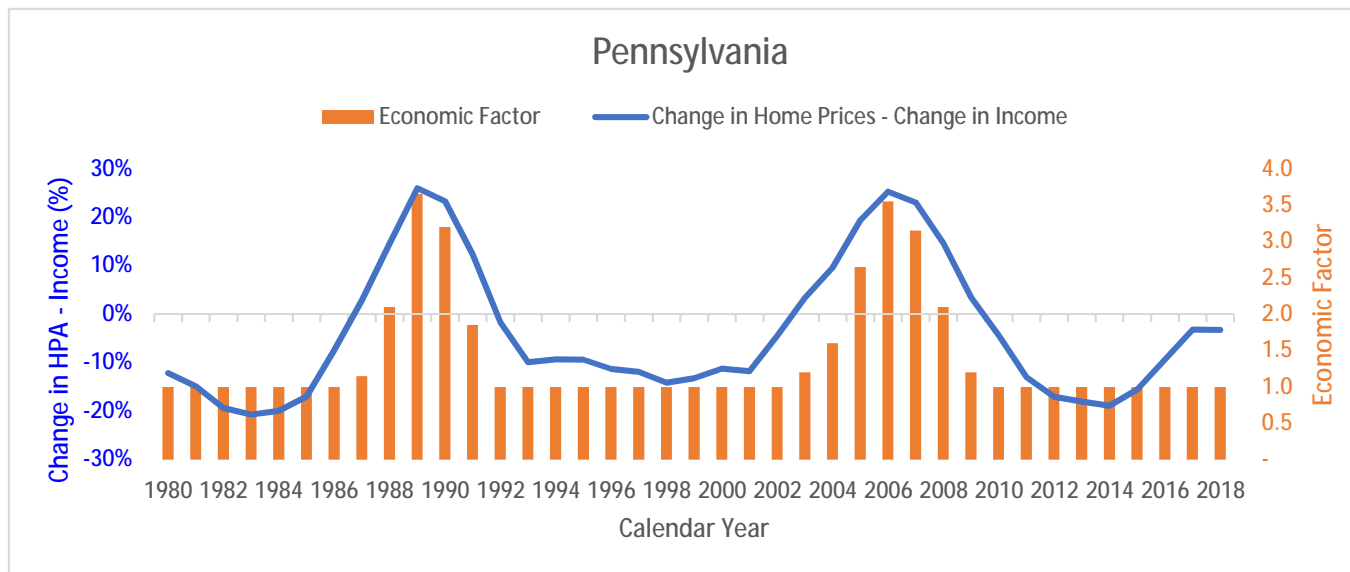
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **OR** Oregon



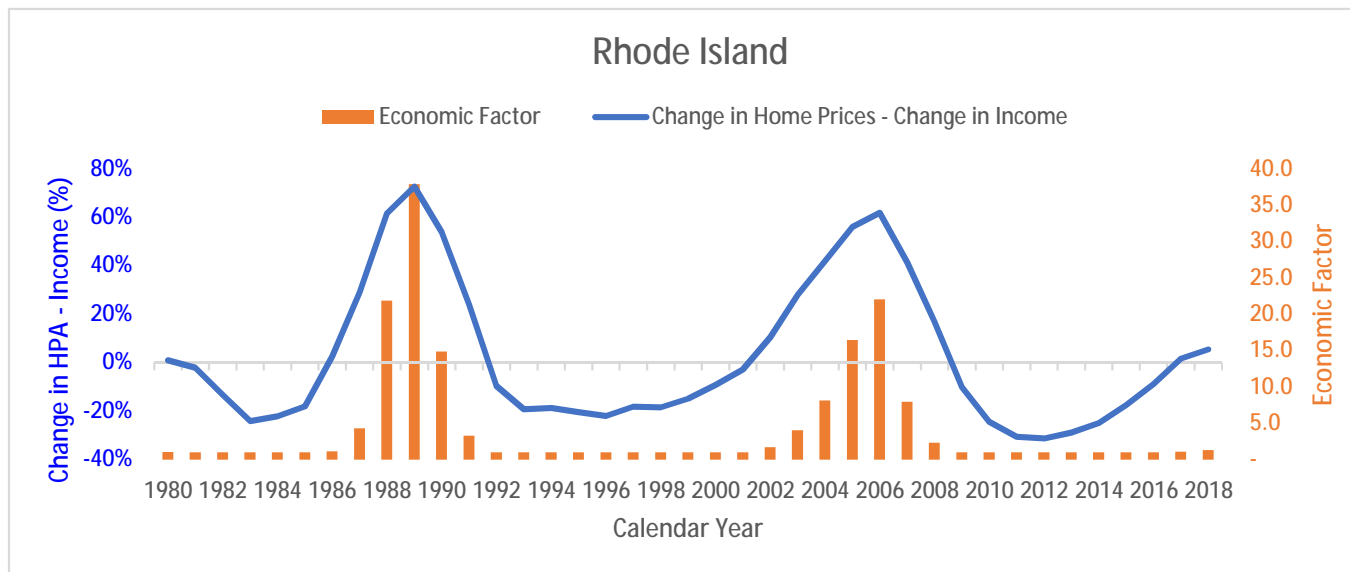
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State PA Pennsylvania



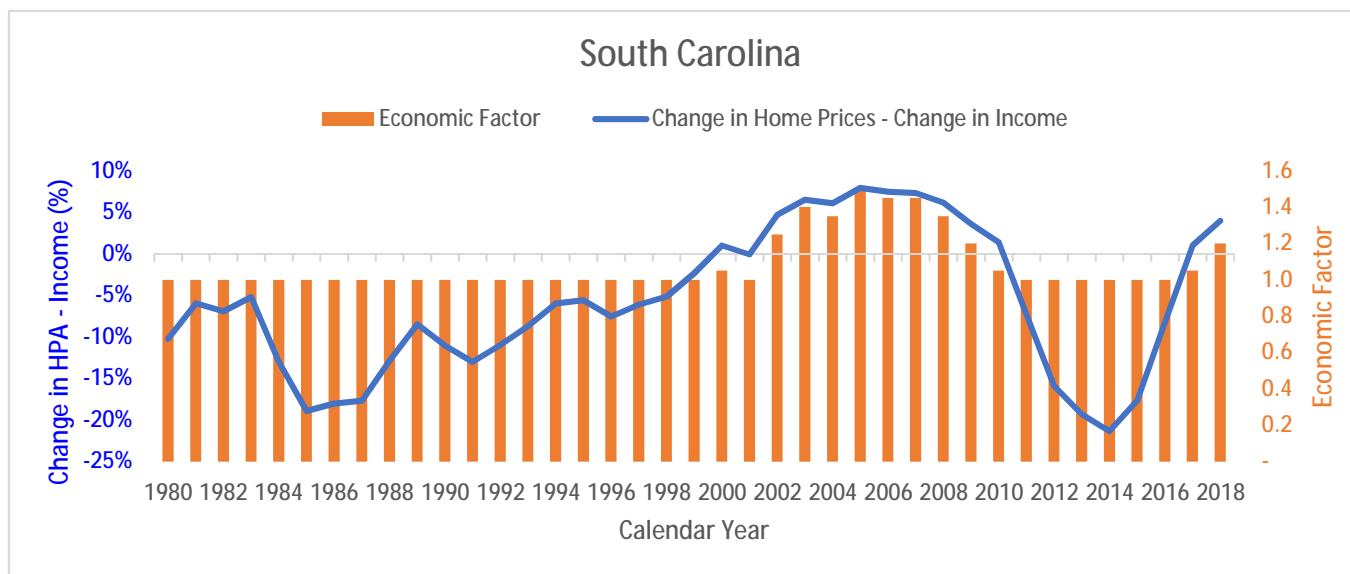
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State RI Rhode Island



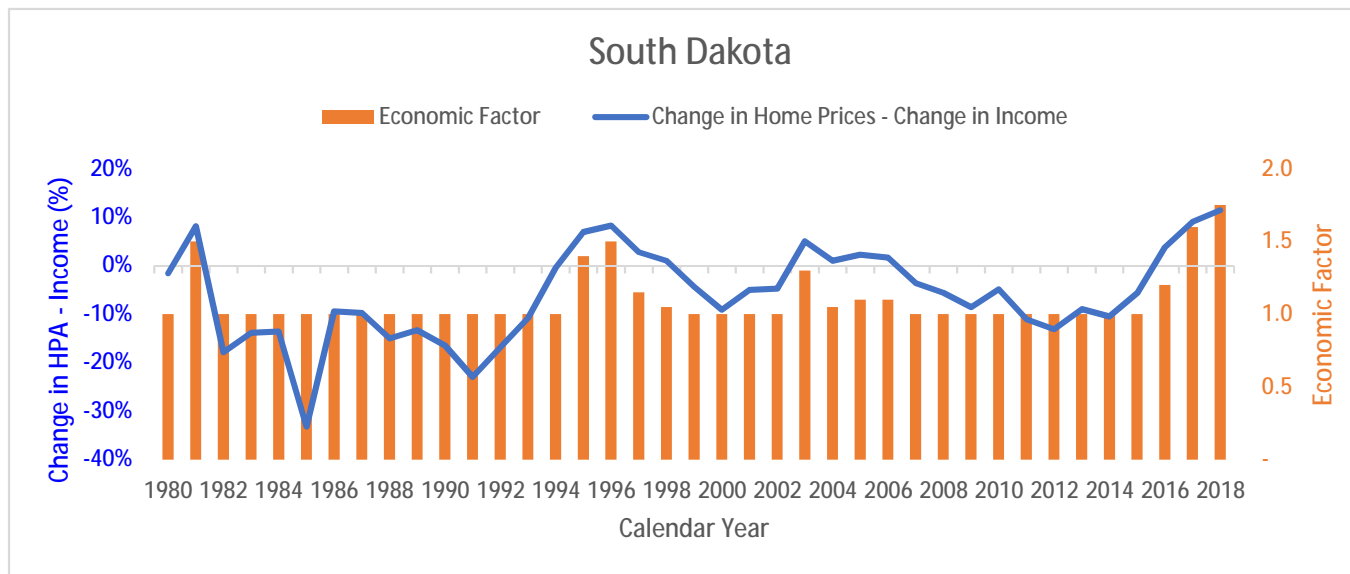
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State SC South Carolina



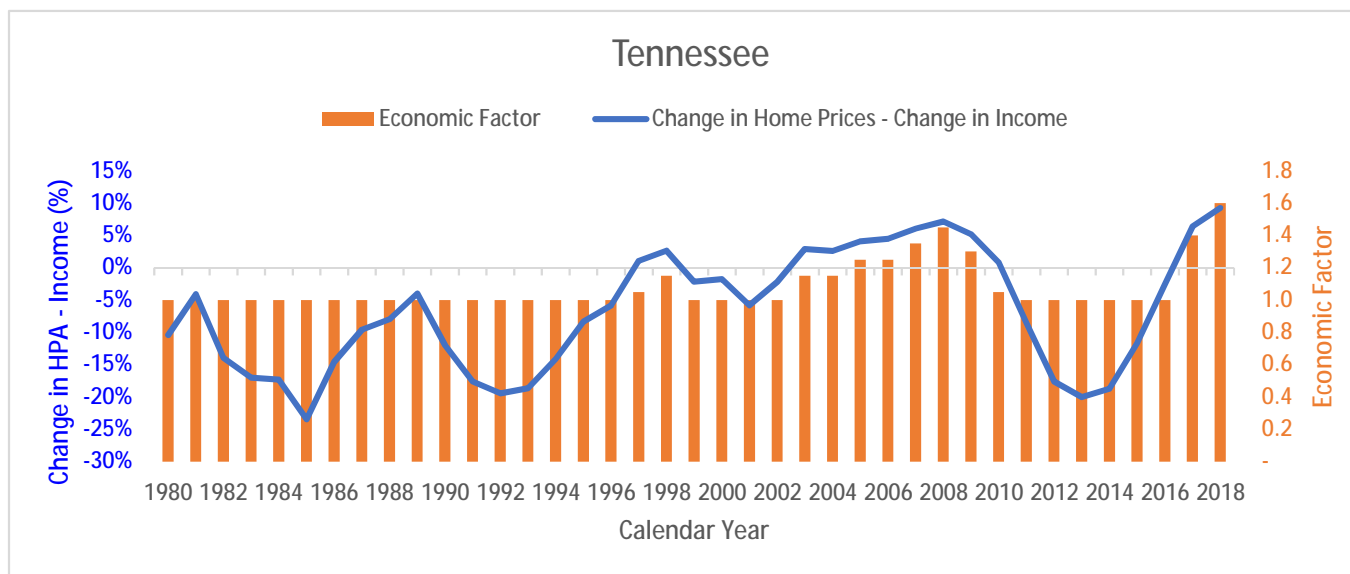
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **SD** South Dakota



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

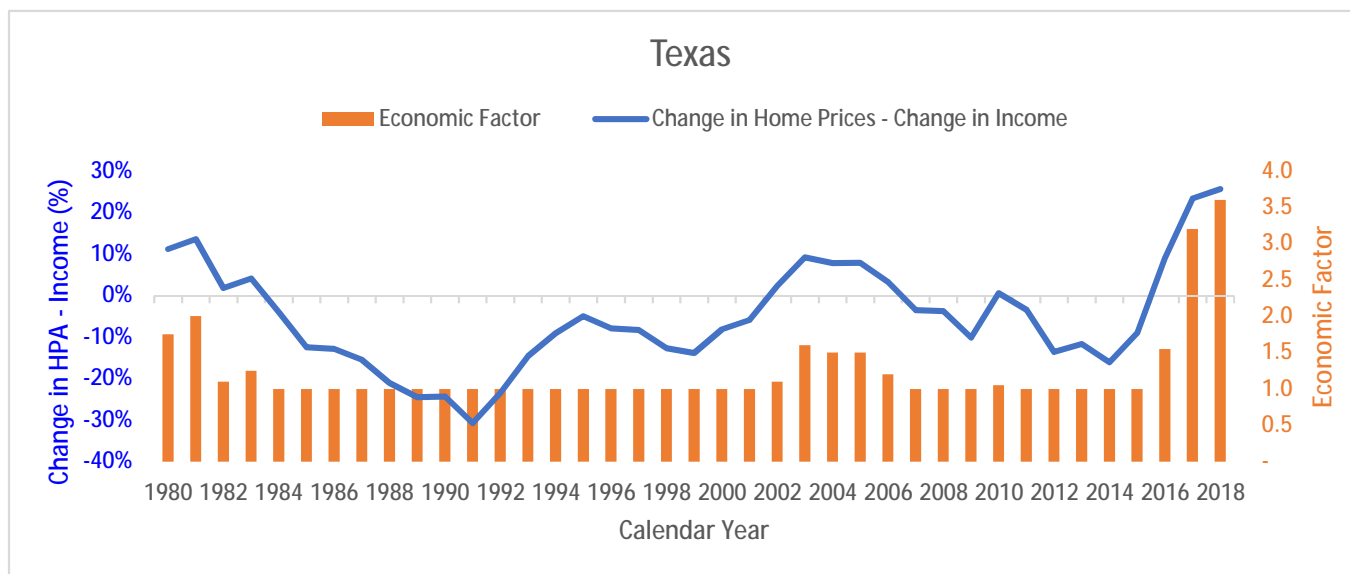
State **TN** Tennessee





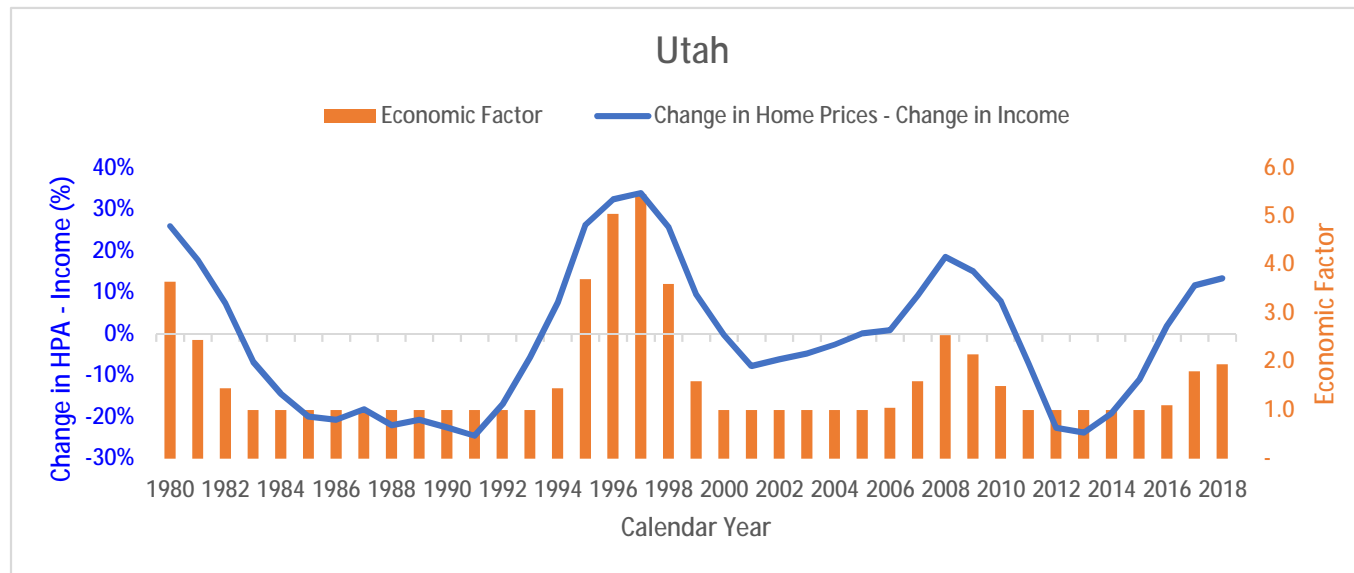
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State TX Texas



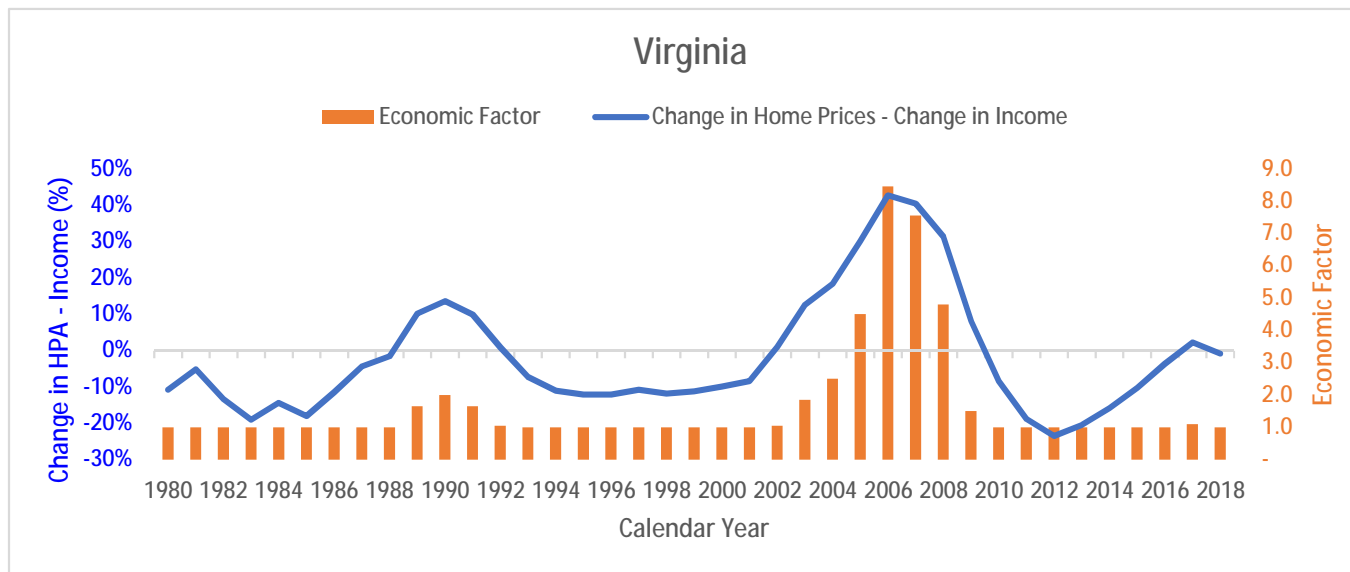
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **UT** Utah



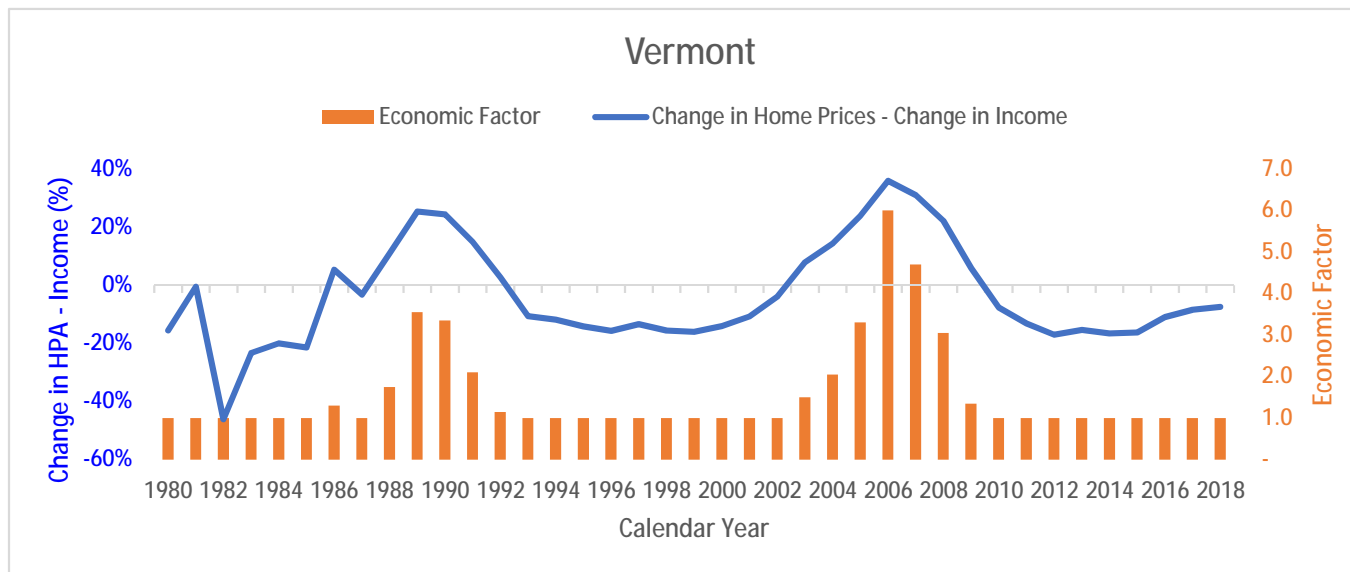
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **VA** Virginia



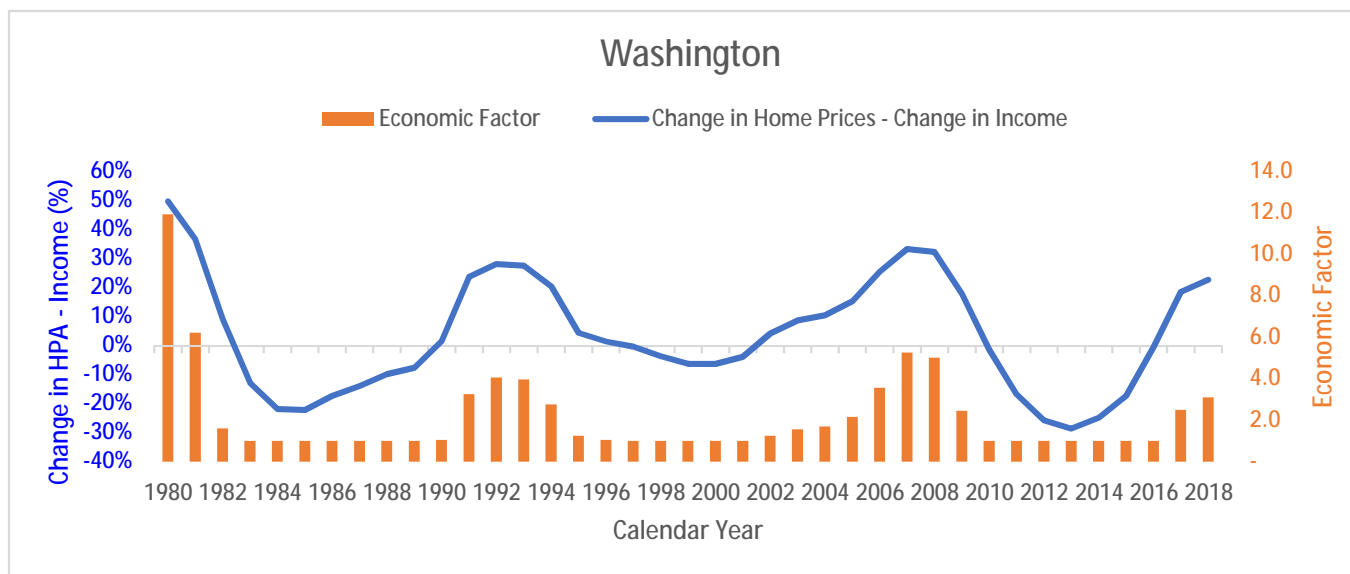
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State VT Vermont



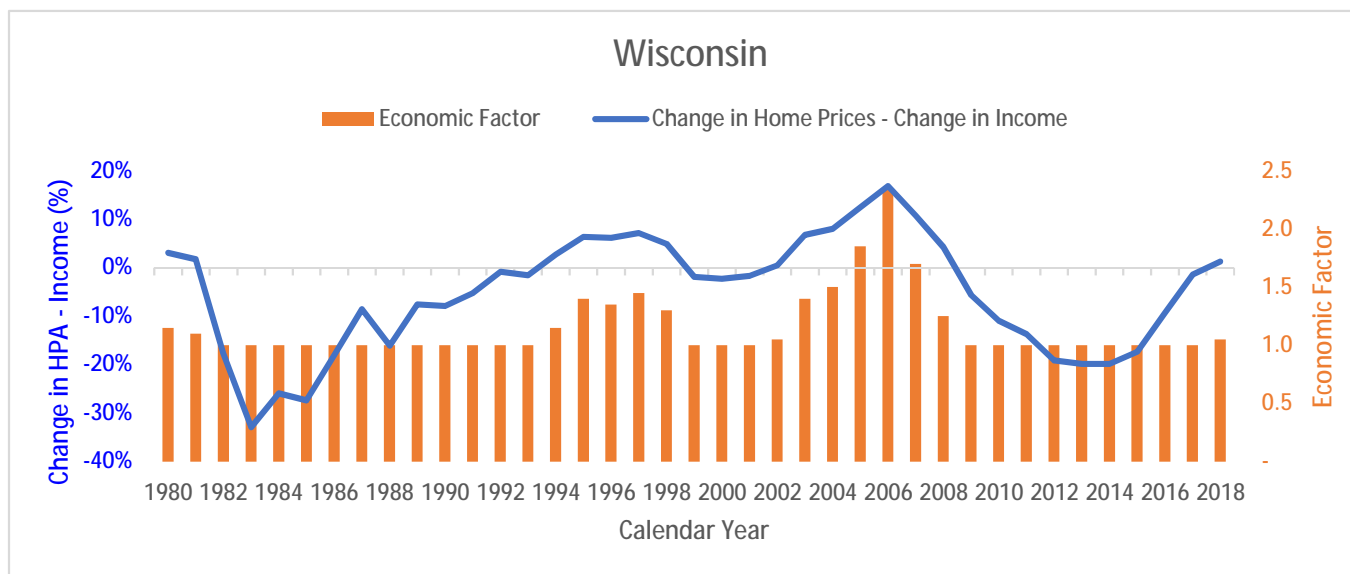
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State **WA** Washington



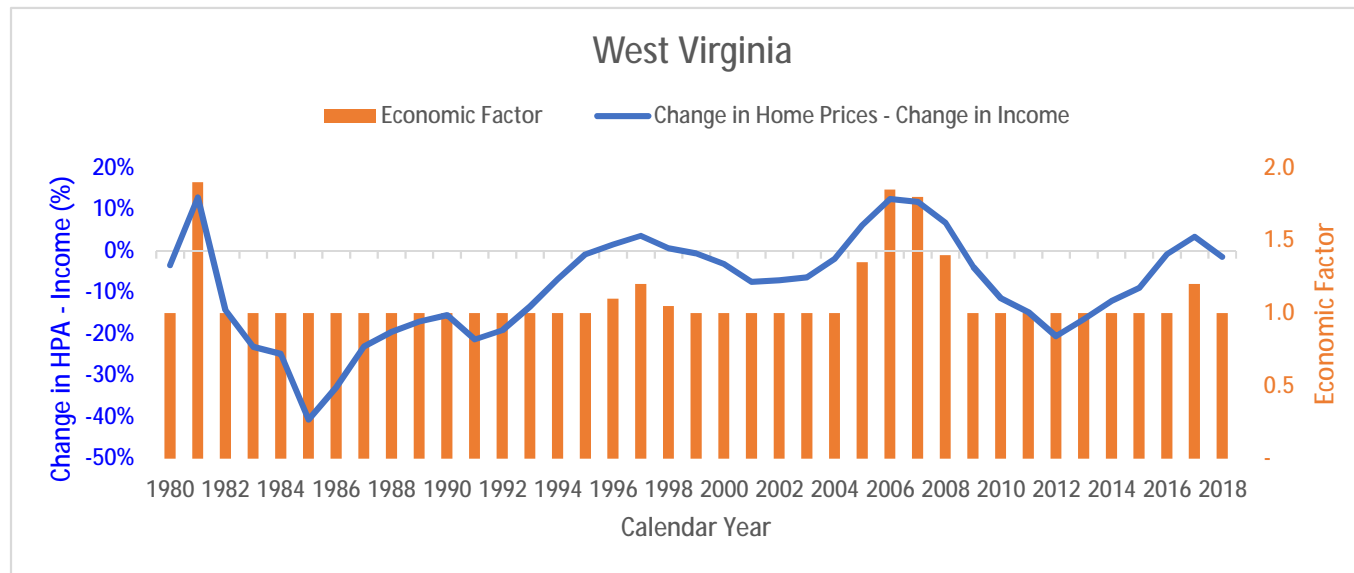
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State WI Wisconsin



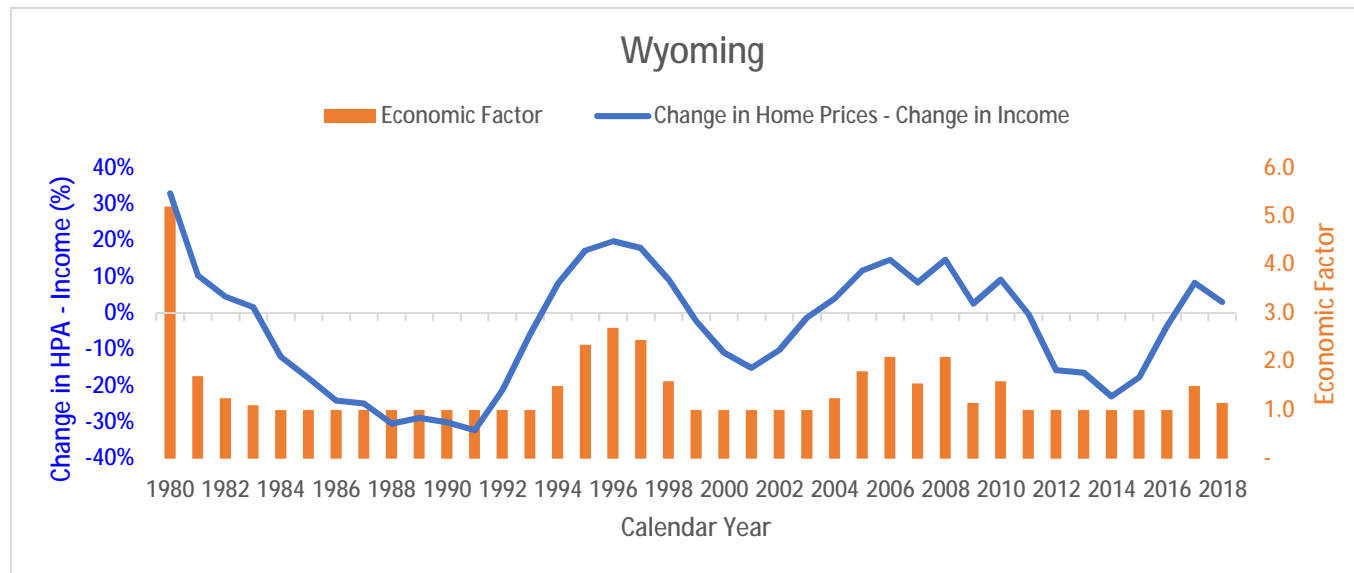
NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State WV West Virginia



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

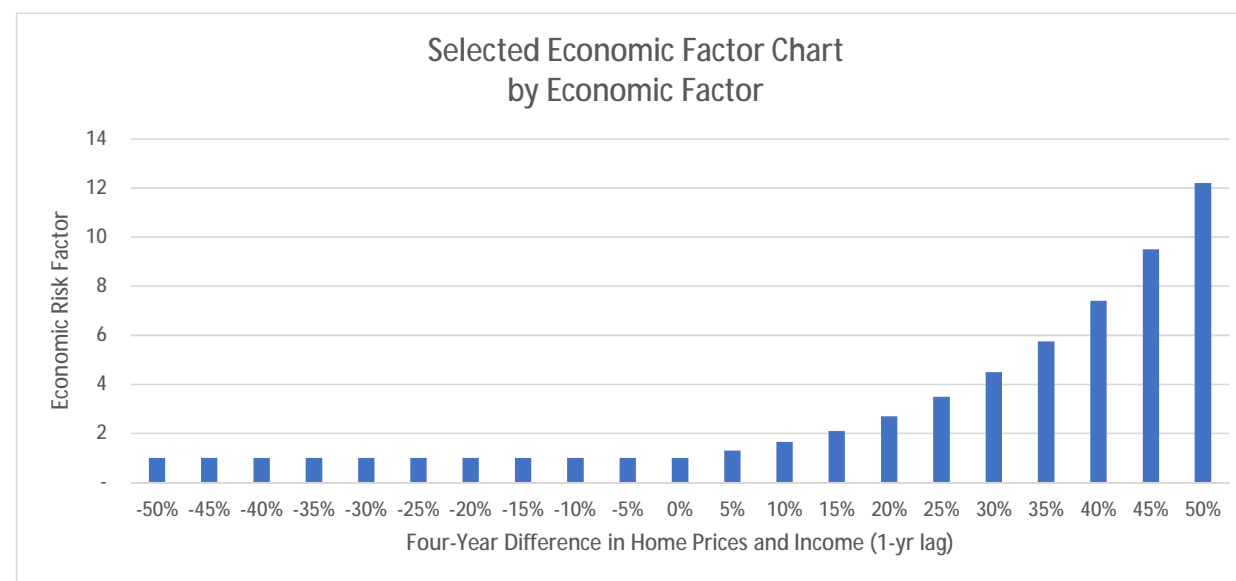
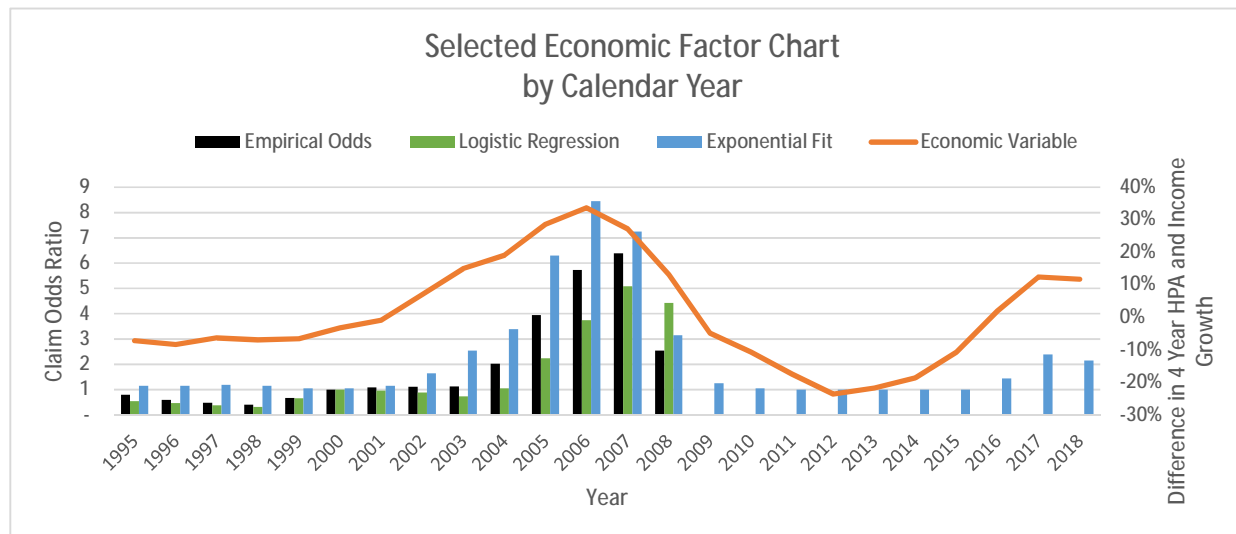
State **WY** Wyoming





NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Selected Economic Factor Adjustment

State \* Weighted Average



NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Runoff Triangle Data Query: Requested by North Carolina

Select:	
Company	*
FICO	*
LTV	*
Removed Loan?	
(1=Yes 0=No)	0

\*These selections are for presentation purposes only  
\*The live selection is on the "RBC Evaluator" tab

Runoff of Risk-in-Force for Performing Loans (\$ Billions)  
By Development Year

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1995	3,219	15,557	15,264	12,745	8,377	5,779	5,156	3,669	2,230	1,281	856	591	457	362	302	262	132	69	45
1996	16,444	16,887	16,010	10,714	7,260	6,570	4,564	2,663	1,491	984	688	516	408	338	288	260	109	53	-
1997	15,399	15,914	13,608	9,844	9,115	6,344	3,482	1,790	1,163	795	597	462	386	321	286	245	93	-	-
1998	21,560	22,573	22,166	22,024	16,648	10,063	4,993	3,163	2,170	1,627	1,296	1,065	881	756	642	560	-	-	-
1999	21,340	23,153	26,202	19,456	11,159	5,382	3,320	2,274	1,723	1,367	1,136	905	703	567	446	-	-	-	-
2000	19,180	25,857	19,116	9,290	4,390	2,644	1,687	1,190	936	776	627	527	418	333	-	-	-	-	-
2001	44,027	49,254	36,891	18,225	11,176	7,287	4,702	3,691	3,019	2,375	1,869	1,400	1,050	-	-	-	-	-	-
2002	48,229	53,873	39,134	24,885	15,331	10,430	8,111	6,605	5,183	4,174	3,128	2,374	-	-	-	-	-	-	-
2003	61,001	72,361	57,724	37,267	26,648	20,950	17,232	13,682	11,068	8,429	6,267	-	-	-	-	-	-	-	-
2004	46,125	49,605	36,783	26,014	19,632	15,952	12,789	10,709	8,970	7,094	-	-	-	-	-	-	-	-	-
2005	43,344	47,880	41,090	31,789	23,322	17,902	14,757	12,612	10,536	-	-	-	-	-	-	-	-	-	-
2006	40,893	46,265	38,526	27,870	20,202	16,544	14,146	12,205	-	-	-	-	-	-	-	-	-	-	-
2007	56,686	59,232	49,358	36,695	30,213	26,387	23,051	-	-	-	-	-	-	-	-	-	-	-	-
2008	30,971	31,701	26,454	22,555	19,386	16,488	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	14,083	14,447	12,939	11,027	8,103	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	11,332	11,987	11,147	8,692	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	14,355	15,257	13,183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	27,141	28,834	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2013	35,781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Runoff Triangle Data Query: Requested by North Carolina

Select:	
Company	*
FICO	*
LTV	*
Removed Loan?	
(1=Yes 0=No)	0

\*These selections are for presentation purposes only  
\*The live selection is on the "RBC Evaluator" tab

Annual Termination Rate  
Years Of Development

	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-Ult
1995		2%	17%	34%	31%	11%	29%	39%	43%	33%	31%	23%	21%	17%	13%	50%	47%	36%	
1996		5%	33%	32%	10%	31%	42%	44%	34%	30%	25%	21%	17%	15%	10%	58%	51%		
1997		14%	28%	7%	30%	45%	49%	35%	32%	25%	23%	17%	17%	11%	15%	62%			
1998		2%	1%	24%	40%	50%	37%	31%	25%	20%	18%	17%	14%	15%	13%				
1999			26%	43%	52%	38%	32%	24%	21%	17%	20%	22%	19%	21%					
2000		26%	51%	53%	40%	36%	29%	21%	17%	19%	16%	21%	20%						
2001		25%	51%	39%	35%	35%	22%	18%	21%	21%	25%	25%							
2002		27%	36%	38%	32%	22%	19%	22%	19%	25%	24%								
2003		20%	35%	28%	21%	18%	21%	19%	24%	26%									
2004		26%	29%	25%	19%	20%	16%	16%	21%										
2005		14%	23%	27%	23%	18%	15%	16%											
2006		17%	28%	28%	18%	14%	14%												
2007		17%	26%	18%	13%	13%													
2008		17%	15%	14%	15%														
2009		10%	15%	27%															
2010		7%	22%																
2011		14%																	
2012																			
Metric	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-Ult
Average		0.15	0.27	0.29	0.27	0.27	0.27	0.26	0.26	0.24	0.23	0.21	0.18	0.16	0.13	0.57	0.49	0.36	
Weighted Average	(0.12)	0.17	0.29	0.28	0.24	0.22	0.22	0.22	0.24	0.25	0.23	0.45	0.18	0.16	0.13	0.56	0.49	0.36	
Select	(0.122)	0.168	0.288	0.279	0.243	0.225	0.218	0.219	0.238	0.245	0.231	0.451	0.177	0.162	0.126	0.564	0.492	0.357	1.000
Logic	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	WA	Judgement
Average 3:7		25.1%																	
Select		25.0%																	

NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Runoff Triangle Data Query: Requested by North Carolina

Select:	
Company	*
FICO	*
LTV	*
Removed Loan? (1=Yes 0=No)	0

\*These selections are for presentation purposes only  
\*The live selection is on the "RBC Evaluator" tab

Runoff of Risk-in-Force (Performing Only)  
By Development Year

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1995	3,219	15,557	15,264	12,745	8,377	5,779	5,156	3,669	2,230	1,281	856	591	457	362	302	262	132	69	45
1996	16,444	16,887	16,010	10,714	7,260	6,570	4,564	2,663	1,491	984	688	516	408	338	288	260	109	53	40
1997	15,399	15,914	13,608	9,844	9,115	6,344	3,482	1,790	1,163	795	597	462	386	321	286	245	93	70	52
1998	21,560	22,573	22,166	22,024	16,648	10,063	4,993	3,163	2,170	1,627	1,296	1,065	881	756	642	560	420	315	236
1999	21,340	23,153	26,202	19,456	11,159	5,382	3,320	2,274	1,723	1,367	1,136	905	703	567	446	334	251	188	141
2000	19,180	25,857	19,116	9,290	4,390	2,644	1,687	1,190	936	776	627	527	418	333	250	187	141	105	79
2001	44,027	49,254	36,891	18,225	11,176	7,287	4,702	3,691	3,019	2,375	1,869	1,400	1,050	788	591	443	332	249	187
2002	48,229	53,873	39,134	24,885	15,331	10,430	8,111	6,605	5,183	4,174	3,128	2,374	1,781	1,335	1,002	751	563	423	317
2003	61,001	72,361	57,724	37,267	26,648	20,950	17,232	13,682	11,068	8,429	6,267	4,700	3,525	2,644	1,983	1,487	1,115	837	627
2004	46,125	49,605	36,783	26,014	19,632	15,952	12,789	10,709	8,970	7,094	5,320	3,990	2,993	2,245	1,683	1,263	947	710	533
2005	43,344	47,880	41,090	31,789	23,322	17,902	14,757	12,612	10,536	7,902	5,926	4,445	3,334	2,500	1,875	1,406	1,055	791	593
2006	40,893	46,265	38,526	27,870	20,202	16,544	14,146	12,205	9,153	6,865	5,149	3,862	2,896	2,172	1,629	1,222	916	687	515
2007	56,686	59,232	49,358	36,695	30,213	26,387	23,051	17,288	12,966	9,725	7,294	5,470	4,103	3,077	2,308	1,731	1,298	974	730
2008	30,971	31,701	26,454	22,555	19,386	16,488	12,366	9,275	6,956	5,217	3,913	2,935	2,201	1,651	1,238	929	696	522	392
2009	14,083	14,447	12,939	11,027	8,103	6,077	4,558	3,419	2,564	1,923	1,442	1,082	811	608	456	342	257	193	144
2010	11,332	11,987	11,147	8,692	6,519	4,889	3,667	2,750	2,063	1,547	1,160	870	653	489	367	275	207	155	116
2011	14,355	15,257	13,183	9,887	7,415	5,561	4,171	3,128	2,346	1,760	1,320	990	742	557	418	313	235	176	132
2012	27,141	28,834	21,625	16,219	12,164	9,123	6,842	5,132	3,849	2,887	2,165	1,624	1,218	913	685	514	385	289	217
2013	35,781	26,836	20,127	15,095	11,321	8,491	6,368	4,776	3,582	2,687	2,015	1,511	1,133	850	638	478	359	269	202

WAL	3.84
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**NAIC Mortgage Guaranty Insurance Working Group**  
**Mortgage Insurer Risk Sensitive Capital Model**  
**Severity Factor**

*Summary of GSE Data - Actual Severity Percentiles by Loan-to-Value Cohort*

Percentile*	LTV Cohort											
	(0, 10]	(10, 20]	(20, 30]	(30, 40]	(40, 50]	(50, 60]	(60, 70]	(70, 80]	(80, 85]	(85, 90]	(90, 95]	(95, 100]
0	-52%	-51%	-29%	-17%	0%	8%	1%	0%	25%	21%	-1%	22%
10	0%	-5%	0%	7%	19%	29%	35%	39%	41%	46%	45%	50%
20	3%	0%	4%	15%	24%	34%	42%	43%	49%	50%	49%	55%
30	27%	1%	9%	20%	29%	38%	46%	46%	52%	53%	51%	58%
40	34%	4%	18%	25%	34%	42%	48%	48%	55%	56%	53%	61%
50	41%	11%	21%	29%	37%	44%	51%	51%	57%	58%	57%	63%
60	63%	17%	26%	33%	40%	47%	53%	53%	60%	62%	60%	66%
70	72%	27%	32%	38%	45%	51%	56%	55%	63%	65%	63%	71%
80	91%	38%	40%	44%	50%	56%	61%	59%	67%	70%	68%	75%
90	98%	53%	60%	52%	56%	64%	67%	66%	74%	77%	72%	80%
95	126%	70%	86%	63%	63%	67%	71%	70%	78%	84%	75%	87%
97.5	157%	80%	91%	80%	68%	70%	74%	75%	84%	87%	82%	96%
99	174%	93%	93%	92%	78%	79%	81%	77%	89%	90%	84%	106%

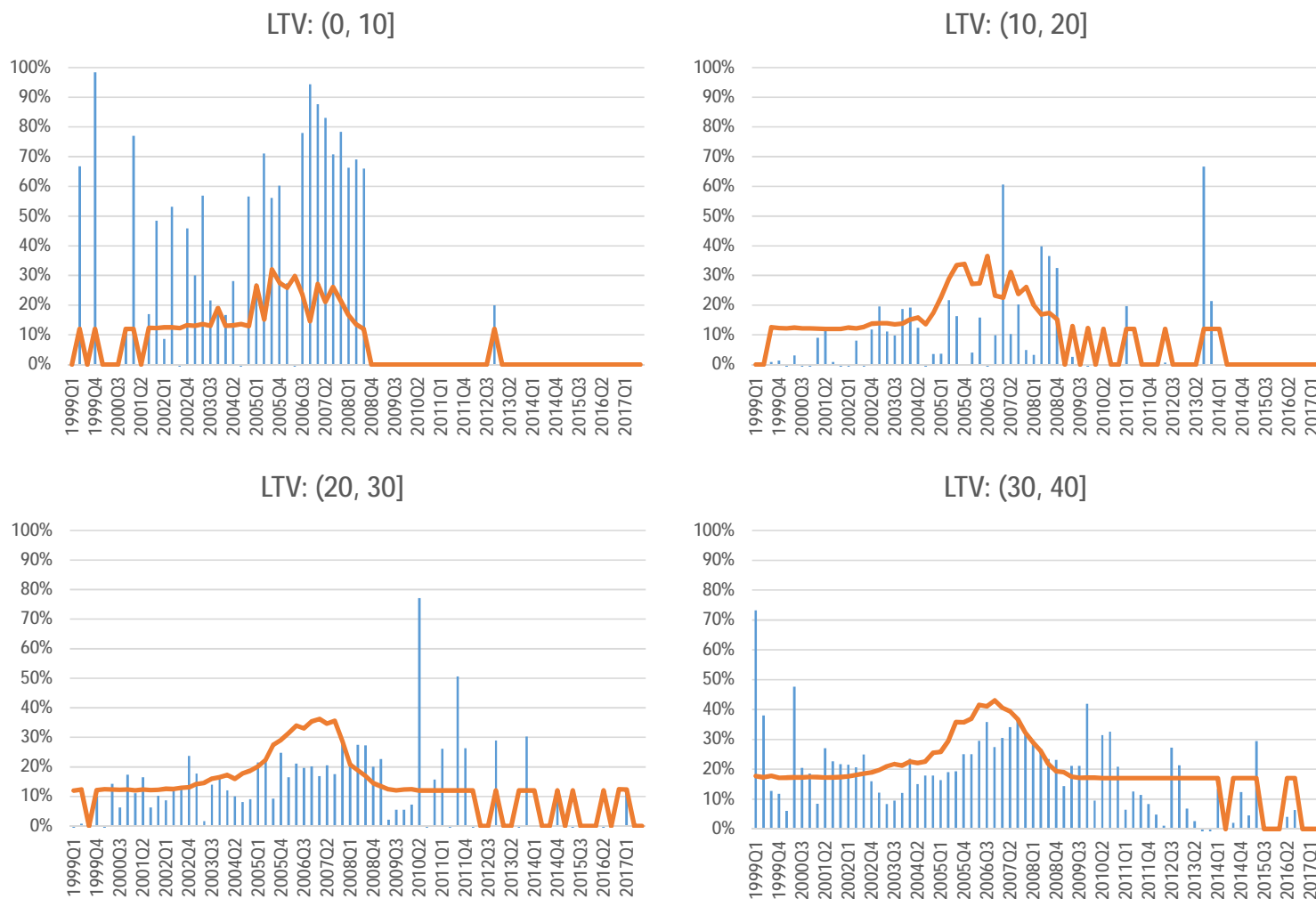
\*Individual loans were aggregated by the "Economic Factor" in the model before calculating percentiles

**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Severity Factor Against Historical Severity Rates  
by Origination Quarter**

**Source: Freddie Mac and Fannie Mae Loan-level Performance Data**

Blue Bars: Actual Severity Rate as Percent of Original Loan Amount

Orange Line: RBC Model Severity Rate

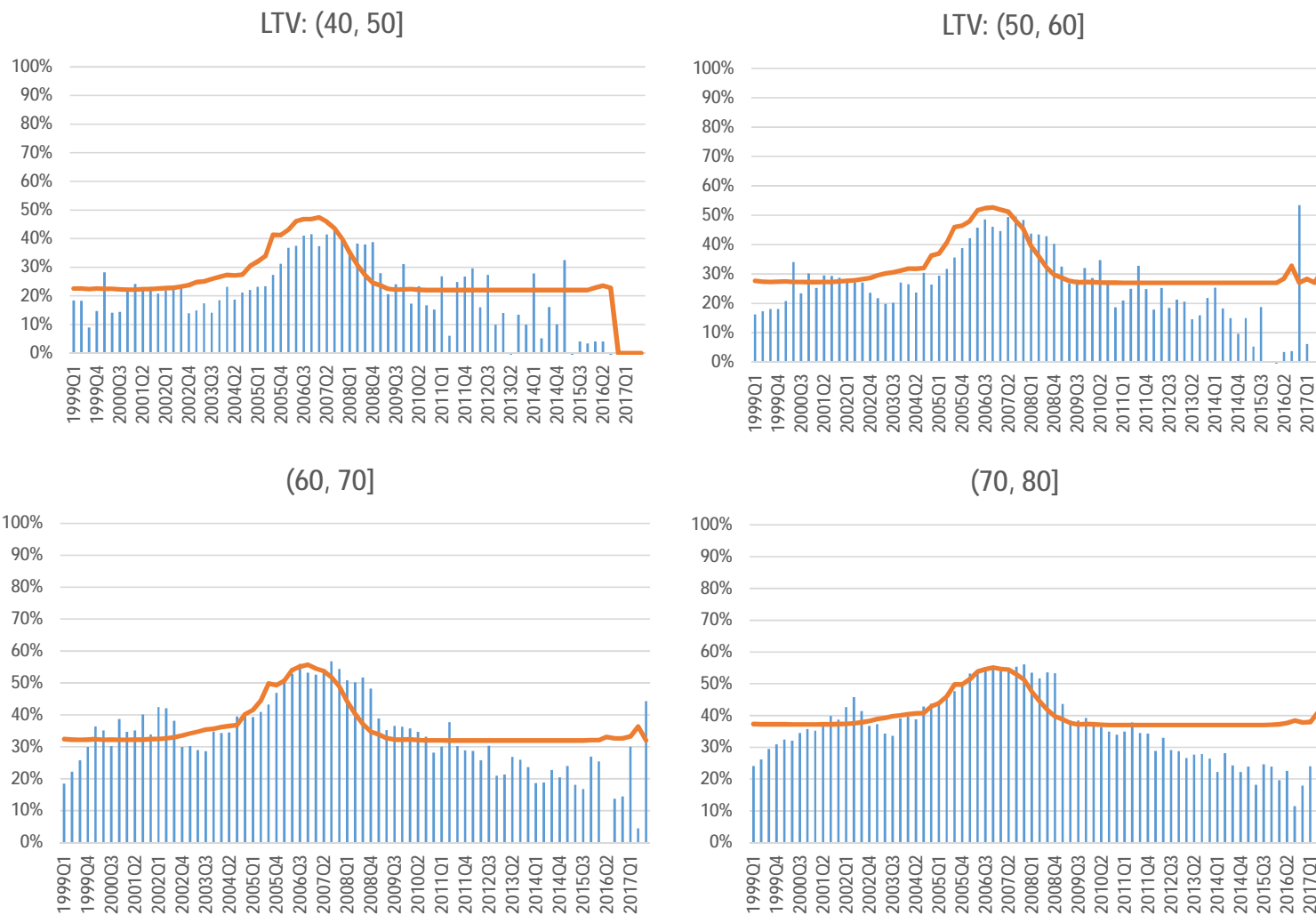


**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Severity Factor Against Historical Severity Rates  
by Origination Quarter**

**Source: Freddie Mac and Fannie Mae Loan-level Performance Data**

Blue Bars: Actual Severity Rate as Percent of Original Loan Amount

Orange Line: RBC Model Severity Rate

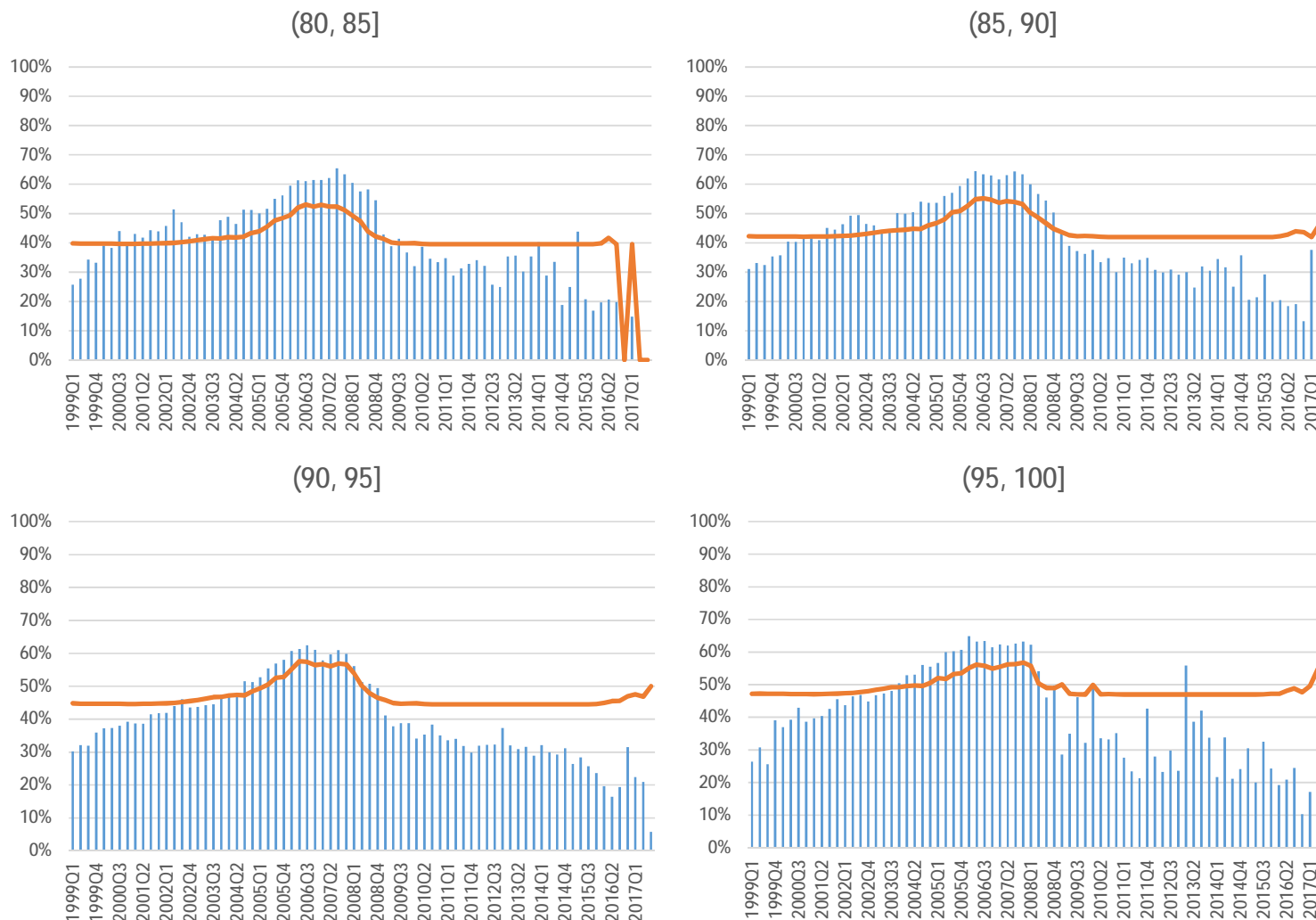


**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Severity Factor Against Historical Severity Rates  
by Origination Quarter**

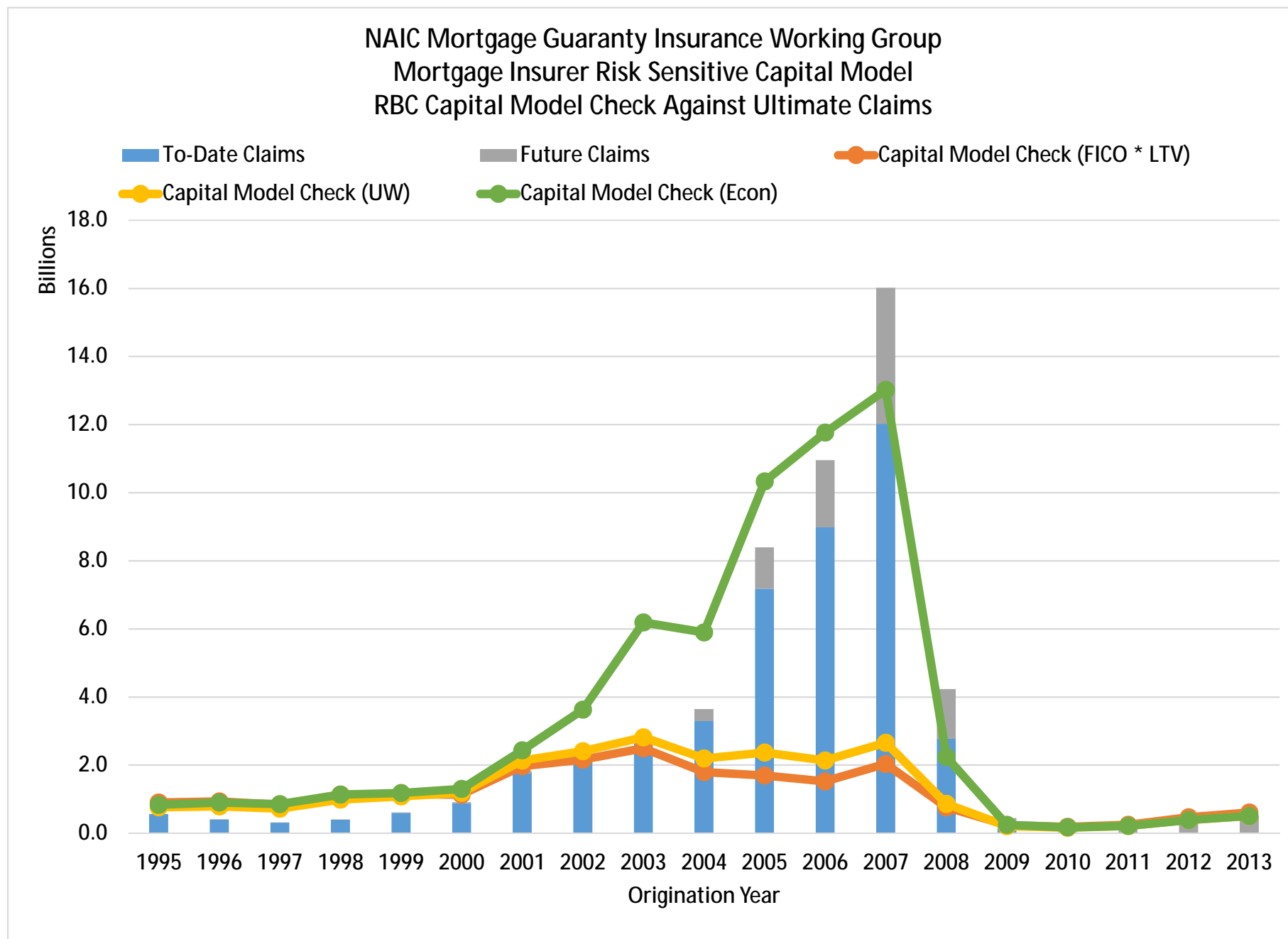
**Source: Freddie Mac and Fannie Mae Loan-level Performance Data**

Blue Bars: Actual Severity Rate as Percent of Original Loan Amount

Orange Line: RBC Model Severity Rate







**NAIC Mortgage Guaranty Insurance Working Group  
Mortgage Insurer Risk Sensitive Capital Model  
Industry Wide Risk-to-Capital Ratio under Proposed Framework**

