Filing at a Glance

Companies:	The Travelers Home and Marine Insurance Company TravCo Insurance Company
Product Name:	Quantum Home and High Value Home
State:	Pennsylvania
TOI:	04.0 Homeowners
Sub-TOI:	04.0000 Homeowners Sub-TOI Combinations
Filing Type:	Rate/Rule
Date Submitted:	12/20/2012
SERFF Tr Num:	TRVA-128819535
SERFF Status:	Assigned
State Tr Num:	B43115001
State Status:	Received Review in Progress
Co Tr Num:	2012-12-0068
Effective Date Requested (New):	
Effective Date Requested (Renewal):	
Author(s):	Maryanne Grippo-Beck, Glenda Febo
Reviewer(s):	Xiaofeng Lu (PC) (primary), Ken Creighton (PC)
Disposition Date:	
Disposition Status:	
Effective Date (New):	
Effective Date (Renewal):	

State Filing Description:

State: *Pennsylvania* **First Filing Company:** *The Travelers Home and Marine Insurance Company, ...*

TOI/Sub-TOI: *04.0 Homeowners/04.0000 Homeowners Sub-TOI Combinations*
Product Name: *Quantum Home and High Value Home*
Project Name/Number: */559562*

General Information

Project Name:
Project Number: 559562
Reference Organization:
Reference Title:
Filing Status Changed: 12/21/2012
State Status Changed: 12/21/2012
Created By: Maryanne Grippo-Beck
Corresponding Filing Tracking Number:

Status of Filing in Domicile:
Domicile Status Comments:
Reference Number:
Advisory Org. Circular:

Deemer Date:
Submitted By: Maryanne Grippo-Beck

Filing Description:

With this filing we are amending our personal line homeowners product as detailed in the attached explanatory memorandum.

Company and Contact

Filing Contact Information

Maryanne Grippo - Beck, Regulatory Analyst
One Tower Square 5PB
Hartford, CT 06183

MGRIPPOB@TRAVELERS.COM

860-954-2251 [Phone]
860-277-5204 [FAX]

Filing Company Information

The Travelers Home and Marine Insurance Company
One Tower Square
Hartford, CT 06183
(860) 277-7395 ext. [Phone]

CoCode: 27998
Group Code: 3548
Group Name: Travelers
FEIN Number: 35-1838079

State of Domicile: Connecticut
Company Type: Property/Casualty
State ID Number:

TravCo Insurance Company
One Tower Square
Hartford, CT 06183
(860) 277-7395 ext. [Phone]

CoCode: 28188
Group Code: 3548
Group Name: Travelers
FEIN Number: 35-1838077

State of Domicile: Connecticut
Company Type: Property/Casualty
State ID Number:

Filing Fees

Fee Required? No
Retaliatory? No
Fee Explanation:

State Specific

*Filing Fee Amount: 0
*Date Filing Fee Mailed: n/a
*Filing Fee Check Number: n/a
*Filing Fee Check Date: n/a
*NAIC Number: 27998/28188

Rate Information

Rate data applies to filing.

Filing Method: prior approval
Rate Change Type: Increase
Overall Percentage of Last Rate Revision: 20.180%
Effective Date of Last Rate Revision: 03/30/2012
Filing Method of Last Filing: prior approval

Company Rate Information

Company Name:	Overall % Indicated Change:	Overall % Rate Impact:	Written Premium Change for this Program:	# of Policy Holders Affected for this Program:	Written Premium for this Program:	Maximum % Change (where req'd):	Minimum % Change (where req'd):
The Travelers Home and Marine Insurance Company	%	9.280%	$13,984,500	175,651	$150,695,040	27.700%	0.000%
TravCo Insurance Company	%	9.140%	$1,228,030	17,608	$13,435,782	23.800%	0.000%

State: *Pennsylvania*
First Filing Company: *The Travelers Home and Marine Insurance Company, ...*
TOI/Sub-TOI: *04.0 Homeowners/04.0000 Homeowners Sub-TOI Combinations*
Product Name: *Quantum Home and High Value Home*
Project Name/Number: */559562*

Rate/Rule Schedule

Item No.	Schedule Item Status	Exhibit Name	Rule # or Page #	Rate Action	Previous State Filing Number	Attachments
1		Revised HO Base Rates	301.A.1-1	Replacement	TRVA-127887618	TVC_Base Rates.pdf
2		HO Residence Variables	301.A.4-24-25, 301.A.4-30-33, 301.A.4-41	Replacement	TRVA-127887618	Home Revised Res Variables.pdf
3		HVH Residence Variables	301.A.4-23-24, 301.A.4-29-32, 301.A.4-39	Replacement	TRVA-127887618	HVH Revised Residence Variables.pdf
4		Revised HVH Base Rates	301.A.1-1	Replacement	TRVA-127887618	TVC_Base Rates.pdf
5		HO General Rule	405	Replacement	TRVA-125235157	Rule 405.pdf
6		HVH General Rule	405	Replacement	TRVA-125235157	Rule 405.pdf
7		HO Revised Household Variables	301.A.5-21	Replacement	TRVA-125235157	HO Revised Household Variables.pdf
8		HVH Revised Household Variables	301.A.5-21	Replacement	TRVA-125235157	HVH Revised Household Variables.pdf

Rule 301.A.1 Factors

Base Rate								
Form	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	311.050	63.840	27.150	97.250	254.100	34.510	128.090	62.560
HO-4	101.780	88.650	24.920	2.370	21.030	2.910	1.930	12.930
HO-6	32.960	41.210	17.450	16.320	194.940	9.490	4.950	6.860

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Rule 301.A.4 Factors

Age of Home								
Age of Home	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
1	0.525	0.645	0.865	0.575	0.620	0.535	0.575	0.620
2	0.526	0.646	0.866	0.586	0.654	0.545	0.586	0.654
3	0.527	0.647	0.867	0.622	0.691	0.583	0.622	0.691
4	0.539	0.653	0.868	0.670	0.731	0.628	0.670	0.731
5	0.562	0.675	0.870	0.737	0.774	0.693	0.737	0.774
6	0.587	0.698	0.873	0.806	0.821	0.764	0.806	0.821
7	0.613	0.721	0.875	0.869	0.872	0.840	0.869	0.872
8	0.639	0.745	0.879	0.950	0.928	0.890	0.950	0.928
9	0.668	0.774	0.888	1.045	0.987	0.924	1.045	0.987
10	0.699	0.806	0.900	1.131	1.043	0.941	1.131	1.043
11	0.730	0.844	0.912	1.212	1.081	0.956	1.212	1.081
12	0.760	0.887	0.920	1.275	1.112	0.942	1.275	1.112
13	0.789	0.932	0.925	1.313	1.137	0.937	1.313	1.137
14	0.817	0.971	0.927	1.333	1.155	0.932	1.333	1.155
15	0.844	0.999	0.928	1.334	1.167	0.939	1.334	1.167
16	0.871	1.013	0.932	1.317	1.174	0.956	1.317	1.174
17	0.899	1.018	0.939	1.285	1.179	0.978	1.285	1.179
18	0.927	1.020	0.949	1.248	1.184	0.994	1.248	1.184
19	0.954	1.021	0.958	1.210	1.184	1.006	1.210	1.184
20	0.979	1.023	0.963	1.175	1.185	1.023	1.175	1.185
21	1.000	1.025	0.967	1.146	1.183	1.033	1.146	1.183
22	1.020	1.026	0.971	1.123	1.179	1.036	1.123	1.179
23	1.037	1.027	0.977	1.113	1.173	1.039	1.113	1.173
24	1.053	1.029	0.984	1.100	1.168	1.041	1.100	1.168
25	1.070	1.030	0.991	1.087	1.163	1.044	1.087	1.163
26	1.089	1.032	0.990	1.072	1.158	1.046	1.072	1.158
27	1.106	1.033	0.992	1.070	1.154	1.051	1.070	1.154
28	1.118	1.034	0.992	1.068	1.150	1.052	1.068	1.150
29	1.125	1.036	0.991	1.066	1.146	1.049	1.066	1.146
30	1.127	1.037	0.988	1.064	1.141	1.051	1.064	1.141
31	1.124	1.039	0.986	1.062	1.136	1.052	1.062	1.136
32	1.115	1.041	0.985	1.060	1.132	1.052	1.060	1.132
33	1.101	1.042	0.984	1.058	1.129	1.062	1.058	1.129
34	1.087	1.044	0.983	1.056	1.125	1.070	1.056	1.125
35	1.076	1.046	0.983	1.054	1.121	1.069	1.054	1.121
36	1.069	1.047	0.984	1.052	1.116	1.068	1.052	1.116
37	1.066	1.049	0.987	1.050	1.110	1.058	1.050	1.110
38	1.068	1.051	0.993	1.048	1.101	1.055	1.048	1.101
39	1.075	1.052	1.000	1.046	1.092	1.054	1.046	1.092
40	1.088	1.054	1.007	1.044	1.081	1.054	1.044	1.081
41	1.095	1.055	1.014	1.042	1.070	1.059	1.042	1.070
42	1.104	1.056	1.019	1.040	1.057	1.065	1.040	1.057

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Rule 301.A.4 Factors

Age of Home								
Age of Home	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
43	1.113	1.058	1.024	1.038	1.043	1.077	1.038	1.043
44	1.123	1.059	1.027	1.035	1.029	1.085	1.035	1.029
45	1.132	1.061	1.028	1.033	1.015	1.085	1.033	1.015
46	1.136	1.063	1.028	1.031	1.003	1.082	1.031	1.003
47	1.143	1.064	1.028	1.029	0.991	1.076	1.029	0.991
48	1.153	1.066	1.029	1.027	0.980	1.074	1.027	0.980
49	1.161	1.067	1.034	1.025	0.970	1.069	1.025	0.970
50	1.167	1.069	1.038	1.023	0.961	1.083	1.023	0.961
51	1.173	1.070	1.045	1.021	0.954	1.098	1.021	0.954
52	1.178	1.071	1.057	1.019	0.946	1.122	1.019	0.946
53	1.181	1.073	1.067	1.017	0.939	1.135	1.017	0.939
54	1.187	1.074	1.078	1.015	0.933	1.134	1.015	0.933
55	1.195	1.077	1.086	1.013	0.927	1.143	1.013	0.927
56	1.204	1.078	1.093	1.011	0.921	1.155	1.011	0.921
57	1.210	1.080	1.097	1.009	0.916	1.168	1.009	0.916
58	1.215	1.081	1.102	1.007	0.911	1.183	1.007	0.911
59	1.217	1.083	1.105	1.005	0.907	1.200	1.005	0.907
60	1.220	1.084	1.109	1.003	0.905	1.211	1.003	0.905
61	1.222	1.093	1.114	1.002	0.902	1.224	1.002	0.902
62	1.224	1.101	1.119	1.001	0.900	1.230	1.001	0.900
63	1.226	1.109	1.125	1.000	0.897	1.231	1.000	0.897
64	1.228	1.116	1.130	0.999	0.894	1.230	0.999	0.894
65	1.231	1.123	1.135	0.998	0.891	1.229	0.998	0.891
66	1.233	1.130	1.141	0.997	0.888	1.228	0.997	0.888
67	1.235	1.137	1.146	0.997	0.885	1.227	0.997	0.885
68	1.238	1.144	1.151	0.997	0.882	1.227	0.997	0.882
69	1.240	1.152	1.156	0.996	0.879	1.227	0.996	0.879
70	1.242	1.160	1.161	0.996	0.876	1.227	0.996	0.876
71	1.244	1.169	1.165	0.995	0.874	1.227	0.995	0.874
72	1.246	1.178	1.170	0.995	0.871	1.227	0.995	0.871
73	1.248	1.188	1.174	0.994	0.868	1.226	0.994	0.868
74	1.250	1.198	1.179	0.993	0.866	1.226	0.993	0.866
75	1.252	1.208	1.183	0.992	0.863	1.224	0.992	0.863
76+	1.254	1.219	1.187	0.991	0.861	1.223	0.991	0.861

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	30000	0.630	0.652	0.771	0.493	0.382	0.661	0.493	0.382
HO-2 / HO-3	35000	0.639	0.652	0.774	0.505	0.398	0.671	0.505	0.398
HO-2 / HO-3	40000	0.648	0.652	0.777	0.517	0.416	0.680	0.517	0.416
HO-2 / HO-3	45000	0.657	0.652	0.779	0.529	0.433	0.690	0.529	0.433
HO-2 / HO-3	50000	0.664	0.652	0.780	0.536	0.446	0.694	0.536	0.446
HO-2 / HO-3	55000	0.672	0.652	0.782	0.542	0.459	0.700	0.542	0.459
HO-2 / HO-3	60000	0.680	0.652	0.783	0.549	0.473	0.704	0.549	0.473
HO-2 / HO-3	65000	0.688	0.652	0.785	0.564	0.487	0.710	0.564	0.487
HO-2 / HO-3	70000	0.696	0.652	0.786	0.572	0.503	0.715	0.572	0.503
HO-2 / HO-3	75000	0.704	0.652	0.788	0.580	0.518	0.722	0.580	0.518
HO-2 / HO-3	80000	0.706	0.652	0.791	0.595	0.536	0.728	0.595	0.536
HO-2 / HO-3	85000	0.708	0.652	0.795	0.606	0.551	0.735	0.606	0.551
HO-2 / HO-3	90000	0.711	0.652	0.798	0.619	0.569	0.741	0.619	0.569
HO-2 / HO-3	95000	0.713	0.652	0.803	0.637	0.586	0.754	0.637	0.586
HO-2 / HO-3	100000	0.721	0.652	0.808	0.657	0.614	0.779	0.657	0.614
HO-2 / HO-3	105000	0.732	0.660	0.811	0.675	0.635	0.802	0.675	0.635
HO-2 / HO-3	110000	0.752	0.662	0.813	0.690	0.656	0.824	0.690	0.656
HO-2 / HO-3	115000	0.777	0.675	0.820	0.706	0.679	0.846	0.706	0.679
HO-2 / HO-3	120000	0.801	0.711	0.826	0.730	0.707	0.861	0.730	0.707
HO-2 / HO-3	125000	0.818	0.760	0.829	0.754	0.735	0.868	0.754	0.735
HO-2 / HO-3	130000	0.829	0.798	0.838	0.778	0.765	0.870	0.778	0.765
HO-2 / HO-3	135000	0.838	0.836	0.851	0.802	0.799	0.893	0.802	0.799
HO-2 / HO-3	140000	0.849	0.876	0.869	0.828	0.831	0.919	0.828	0.831
HO-2 / HO-3	145000	0.860	0.923	0.888	0.852	0.857	0.945	0.852	0.857
HO-2 / HO-3	150000	0.878	0.969	0.904	0.884	0.884	0.978	0.884	0.884
HO-2 / HO-3	155000	0.889	1.013	0.919	0.919	0.906	1.003	0.919	0.906
HO-2 / HO-3	160000	0.905	1.041	0.932	0.944	0.921	1.025	0.944	0.921
HO-2 / HO-3	165000	0.934	1.069	0.948	0.967	0.948	1.042	0.967	0.948
HO-2 / HO-3	170000	0.958	1.077	0.960	0.988	0.970	1.045	0.988	0.970
HO-2 / HO-3	175000	0.995	1.089	0.970	1.012	1.006	1.055	1.012	1.006
HO-2 / HO-3	180000	1.021	1.095	0.980	1.036	1.035	1.061	1.036	1.035
HO-2 / HO-3	185000	1.042	1.101	0.990	1.060	1.063	1.069	1.060	1.063
HO-2 / HO-3	190000	1.067	1.104	1.003	1.081	1.088	1.081	1.081	1.088
HO-2 / HO-3	195000	1.094	1.108	1.020	1.101	1.106	1.102	1.101	1.106
HO-2 / HO-3	200000	1.132	1.114	1.036	1.126	1.140	1.124	1.126	1.140
HO-2 / HO-3	205000	1.163	1.134	1.055	1.150	1.174	1.139	1.150	1.174
HO-2 / HO-3	210000	1.193	1.150	1.077	1.173	1.209	1.159	1.173	1.209
HO-2 / HO-3	215000	1.215	1.170	1.096	1.197	1.238	1.173	1.197	1.238
HO-2 / HO-3	220000	1.220	1.185	1.113	1.218	1.256	1.179	1.218	1.256
HO-2 / HO-3	225000	1.241	1.193	1.126	1.242	1.286	1.188	1.242	1.286
HO-2 / HO-3	230000	1.261	1.200	1.138	1.266	1.321	1.200	1.266	1.321
HO-2 / HO-3	235000	1.269	1.211	1.152	1.286	1.347	1.204	1.286	1.347
HO-2 / HO-3	240000	1.286	1.221	1.165	1.304	1.381	1.225	1.304	1.381
HO-2 / HO-3	245000	1.291	1.240	1.180	1.325	1.399	1.243	1.325	1.399

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	250000	1.302	1.261	1.195	1.344	1.427	1.279	1.344	1.427
HO-2 / HO-3	255000	1.312	1.286	1.210	1.366	1.459	1.309	1.366	1.459
HO-2 / HO-3	260000	1.320	1.309	1.224	1.389	1.490	1.346	1.389	1.490
HO-2 / HO-3	265000	1.329	1.331	1.241	1.412	1.522	1.377	1.412	1.522
HO-2 / HO-3	270000	1.341	1.355	1.257	1.433	1.557	1.405	1.433	1.557
HO-2 / HO-3	275000	1.356	1.385	1.274	1.454	1.591	1.429	1.454	1.591
HO-2 / HO-3	280000	1.374	1.422	1.292	1.475	1.622	1.453	1.475	1.622
HO-2 / HO-3	285000	1.394	1.464	1.310	1.497	1.648	1.473	1.497	1.648
HO-2 / HO-3	290000	1.415	1.509	1.329	1.520	1.678	1.490	1.520	1.678
HO-2 / HO-3	295000	1.435	1.553	1.349	1.546	1.701	1.507	1.546	1.701
HO-2 / HO-3	300000	1.455	1.595	1.369	1.571	1.724	1.522	1.571	1.724
HO-2 / HO-3	305000	1.475	1.637	1.389	1.596	1.747	1.536	1.596	1.747
HO-2 / HO-3	310000	1.495	1.674	1.408	1.618	1.773	1.551	1.618	1.773
HO-2 / HO-3	315000	1.519	1.706	1.427	1.638	1.800	1.570	1.638	1.800
HO-2 / HO-3	320000	1.548	1.730	1.446	1.656	1.829	1.586	1.656	1.829
HO-2 / HO-3	325000	1.580	1.749	1.465	1.672	1.857	1.602	1.672	1.857
HO-2 / HO-3	330000	1.615	1.763	1.485	1.687	1.888	1.619	1.687	1.888
HO-2 / HO-3	335000	1.650	1.776	1.503	1.700	1.920	1.637	1.700	1.920
HO-2 / HO-3	340000	1.684	1.788	1.520	1.711	1.953	1.657	1.711	1.953
HO-2 / HO-3	345000	1.717	1.801	1.537	1.723	1.986	1.678	1.723	1.986
HO-2 / HO-3	350000	1.749	1.817	1.552	1.733	2.018	1.700	1.733	2.018
HO-2 / HO-3	355000	1.779	1.827	1.567	1.743	2.052	1.723	1.743	2.052
HO-2 / HO-3	360000	1.808	1.835	1.580	1.753	2.085	1.745	1.753	2.085
HO-2 / HO-3	365000	1.836	1.841	1.592	1.764	2.119	1.768	1.764	2.119
HO-2 / HO-3	370000	1.862	1.847	1.605	1.775	2.153	1.789	1.775	2.153
HO-2 / HO-3	375000	1.890	1.854	1.618	1.786	2.191	1.807	1.786	2.191
HO-2 / HO-3	380000	1.919	1.862	1.632	1.798	2.230	1.822	1.798	2.230
HO-2 / HO-3	385000	1.947	1.869	1.646	1.809	2.269	1.838	1.809	2.269
HO-2 / HO-3	390000	1.975	1.877	1.660	1.820	2.308	1.853	1.820	2.308
HO-2 / HO-3	395000	2.003	1.885	1.674	1.832	2.347	1.868	1.832	2.347
HO-2 / HO-3	400000	2.032	1.892	1.688	1.843	2.387	1.883	1.843	2.387
HO-2 / HO-3	405000	2.072	1.897	1.700	1.858	2.422	1.896	1.858	2.422
HO-2 / HO-3	410000	2.112	1.902	1.713	1.873	2.457	1.908	1.873	2.457
HO-2 / HO-3	415000	2.152	1.907	1.725	1.888	2.492	1.921	1.888	2.492
HO-2 / HO-3	420000	2.192	1.912	1.738	1.903	2.527	1.933	1.903	2.527
HO-2 / HO-3	425000	2.232	1.917	1.750	1.918	2.562	1.946	1.918	2.562
HO-2 / HO-3	430000	2.272	1.922	1.763	1.933	2.597	1.958	1.933	2.597
HO-2 / HO-3	435000	2.312	1.927	1.775	1.948	2.632	1.971	1.948	2.632
HO-2 / HO-3	440000	2.352	1.932	1.788	1.963	2.667	1.983	1.963	2.667
HO-2 / HO-3	445000	2.392	1.937	1.800	1.978	2.702	1.996	1.978	2.702
HO-2 / HO-3	450000	2.432	1.942	1.813	1.993	2.737	2.008	1.993	2.737
HO-2 / HO-3	455000	2.472	1.947	1.825	2.008	2.772	2.021	2.008	2.772
HO-2 / HO-3	460000	2.512	1.952	1.838	2.023	2.807	2.033	2.023	2.807
HO-2 / HO-3	465000	2.552	1.957	1.850	2.038	2.842	2.046	2.038	2.842

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	470000	2.592	1.962	1.863	2.053	2.877	2.058	2.053	2.877
HO-2 / HO-3	475000	2.632	1.967	1.875	2.068	2.912	2.071	2.068	2.912
HO-2 / HO-3	480000	2.672	1.972	1.888	2.083	2.947	2.083	2.083	2.947
HO-2 / HO-3	485000	2.712	1.977	1.900	2.098	2.982	2.096	2.098	2.982
HO-2 / HO-3	490000	2.752	1.982	1.913	2.113	3.017	2.108	2.113	3.017
HO-2 / HO-3	495000	2.792	1.987	1.925	2.128	3.052	2.121	2.128	3.052
HO-2 / HO-3	500000	2.832	1.992	1.938	2.143	3.087	2.133	2.143	3.087
HO-2 / HO-3	510000	2.912	2.002	1.963	2.173	3.157	2.158	2.173	3.157
HO-2 / HO-3	520000	2.992	2.012	1.988	2.203	3.227	2.183	2.203	3.227
HO-2 / HO-3	530000	3.072	2.022	2.013	2.233	3.297	2.208	2.233	3.297
HO-2 / HO-3	540000	3.152	2.032	2.038	2.263	3.367	2.233	2.263	3.367
HO-2 / HO-3	550000	3.232	2.042	2.063	2.293	3.437	2.258	2.293	3.437
HO-2 / HO-3	560000	3.312	2.052	2.088	2.323	3.507	2.283	2.323	3.507
HO-2 / HO-3	570000	3.392	2.062	2.113	2.353	3.577	2.308	2.353	3.577
HO-2 / HO-3	580000	3.472	2.072	2.138	2.383	3.647	2.333	2.383	3.647
HO-2 / HO-3	590000	3.552	2.082	2.163	2.413	3.717	2.358	2.413	3.717
HO-2 / HO-3	600000	3.632	2.092	2.188	2.443	3.787	2.383	2.443	3.787
HO-2 / HO-3	610000	3.712	2.102	2.213	2.473	3.857	2.408	2.473	3.857
HO-2 / HO-3	620000	3.792	2.112	2.238	2.503	3.927	2.433	2.503	3.927
HO-2 / HO-3	630000	3.872	2.122	2.263	2.533	3.997	2.458	2.533	3.997
HO-2 / HO-3	640000	3.952	2.132	2.288	2.563	4.067	2.483	2.563	4.067
HO-2 / HO-3	650000	4.032	2.142	2.313	2.593	4.137	2.508	2.593	4.137
HO-2 / HO-3	660000	4.112	2.152	2.338	2.623	4.207	2.533	2.623	4.207
HO-2 / HO-3	670000	4.192	2.162	2.363	2.653	4.277	2.558	2.653	4.277
HO-2 / HO-3	680000	4.272	2.172	2.388	2.683	4.347	2.583	2.683	4.347
HO-2 / HO-3	690000	4.352	2.182	2.413	2.713	4.417	2.608	2.713	4.417
HO-2 / HO-3	700000	4.432	2.192	2.438	2.743	4.487	2.633	2.743	4.487
HO-2 / HO-3	710000	4.512	2.202	2.463	2.773	4.557	2.658	2.773	4.557
HO-2 / HO-3	720000	4.592	2.212	2.488	2.803	4.627	2.683	2.803	4.627
HO-2 / HO-3	730000	4.672	2.222	2.513	2.833	4.697	2.708	2.833	4.697
HO-2 / HO-3	740000	4.752	2.232	2.538	2.863	4.767	2.733	2.863	4.767
HO-2 / HO-3	750000	4.832	2.242	2.563	2.893	4.837	2.758	2.893	4.837
HO-2 / HO-3	760000	4.912	2.252	2.588	2.923	4.907	2.783	2.923	4.907
HO-2 / HO-3	770000	4.992	2.262	2.613	2.953	4.977	2.808	2.953	4.977
HO-2 / HO-3	780000	5.072	2.272	2.638	2.983	5.047	2.833	2.983	5.047
HO-2 / HO-3	790000	5.152	2.282	2.663	3.013	5.117	2.858	3.013	5.117
HO-2 / HO-3	800000	5.232	2.292	2.688	3.043	5.187	2.883	3.043	5.187
HO-2 / HO-3	810000	5.312	2.302	2.713	3.073	5.257	2.908	3.073	5.257
HO-2 / HO-3	820000	5.392	2.312	2.738	3.103	5.327	2.933	3.103	5.327
HO-2 / HO-3	830000	5.472	2.322	2.763	3.133	5.397	2.958	3.133	5.397
HO-2 / HO-3	840000	5.552	2.332	2.788	3.163	5.467	2.983	3.163	5.467
HO-2 / HO-3	850000	5.632	2.342	2.813	3.193	5.537	3.008	3.193	5.537
HO-2 / HO-3	860000	5.712	2.352	2.838	3.223	5.607	3.033	3.223	5.607
HO-2 / HO-3	870000	5.792	2.362	2.863	3.253	5.677	3.058	3.253	5.677

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	880000	5.872	2.372	2.888	3.283	5.747	3.083	3.283	5.747
HO-2 / HO-3	890000	5.952	2.382	2.913	3.313	5.817	3.108	3.313	5.817
HO-2 / HO-3	900000	6.032	2.392	2.938	3.343	5.887	3.133	3.343	5.887
HO-2 / HO-3	910000	6.112	2.402	2.963	3.373	5.957	3.158	3.373	5.957
HO-2 / HO-3	920000	6.192	2.412	2.988	3.403	6.027	3.183	3.403	6.027
HO-2 / HO-3	930000	6.272	2.422	3.013	3.433	6.097	3.208	3.433	6.097
HO-2 / HO-3	940000	6.352	2.432	3.038	3.463	6.167	3.233	3.463	6.167
HO-2 / HO-3	950000	6.432	2.442	3.063	3.493	6.237	3.258	3.493	6.237
HO-2 / HO-3	960000	6.512	2.452	3.088	3.523	6.307	3.283	3.523	6.307
HO-2 / HO-3	970000	6.592	2.462	3.113	3.553	6.377	3.308	3.553	6.377
HO-2 / HO-3	980000	6.672	2.472	3.138	3.583	6.447	3.333	3.583	6.447
HO-2 / HO-3	990000	6.752	2.482	3.163	3.613	6.517	3.358	3.613	6.517
HO-2 / HO-3	1000000	6.832	2.492	3.188	3.643	6.587	3.383	3.643	6.587
HO-2 / HO-3	1500000	11.915	3.291	4.937	5.657	11.096	5.151	5.657	11.096
HO-2 / HO-3	2000000	16.315	3.841	6.367	7.307	14.946	6.581	7.307	14.946
HO-2 / HO-3	2500000	20.715	4.391	7.797	8.957	18.796	8.011	8.957	18.796
HO-2 / HO-3	3000000	26.257	5.166	9.646	11.089	23.675	9.870	11.089	23.675
HO-2 / HO-3	3500000	32.198	5.990	11.626	13.372	28.904	11.860	13.372	28.904
HO-2 / HO-3	4000000	38.540	6.865	13.735	15.804	34.484	13.979	15.804	34.484
HO-2 / HO-3	4500000	43.540	7.490	15.360	17.679	38.859	15.604	17.679	38.859
HO-2 / HO-3	5000000	48.540	8.115	16.985	19.554	43.234	17.229	19.554	43.234
HO-2 / HO-3	5500000	53.540	8.740	18.610	21.429	47.609	18.854	21.429	47.609
HO-2 / HO-3	6000000	58.540	9.365	20.235	23.304	51.984	20.479	23.304	51.984

Coverage A Limit HO-3 Reduction Factor								
Coverage A Limit HO-3	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
Additive factor for every 1000 below 30000	0.002	0.005	0.002	0.005	0.005	0.003	0.005	0.005

Coverage A Limit HO-3 Additional Factor								
Coverage A Limit HO-3	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
Additive factor for every 5000 above 6000000	0.050	0.006	0.016	0.019	0.044	0.016	0.019	0.044

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Rule 301.A.4 Factors

Roof Covering								
Roof Covering	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
Architecture Shingles	1.000	1.000	1.000	0.950	1.000	1.000	0.950	1.000
Asphalt Fiberglass Composite	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Clay-Tile-Slate	0.950	1.000	1.000	0.950	1.000	1.000	0.950	1.000
Concrete Tile	0.950	1.000	1.000	0.950	1.000	1.000	0.950	1.000
Corrugated Steel - Metal	0.950	1.000	1.000	0.900	1.000	1.000	0.900	1.000
Flat Foam Composite	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Flat Membrane	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Flat Tar Gravel	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Other	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Wood Shake	1.050	1.000	1.000	1.100	1.000	1.000	1.100	1.000
Wood Shingle	1.050	1.000	1.000	1.100	1.000	1.000	1.100	1.000

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Rule 301.A.4 Factors

Age of Home								
Age of Home	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
1	0.525	0.645	0.865	0.575	0.620	0.535	0.575	0.620
2	0.526	0.646	0.866	0.586	0.654	0.545	0.586	0.654
3	0.527	0.647	0.867	0.622	0.691	0.583	0.622	0.691
4	0.539	0.653	0.868	0.670	0.731	0.628	0.670	0.731
5	0.562	0.675	0.870	0.737	0.774	0.693	0.737	0.774
6	0.587	0.698	0.873	0.806	0.821	0.764	0.806	0.821
7	0.613	0.721	0.875	0.869	0.872	0.840	0.869	0.872
8	0.639	0.745	0.879	0.950	0.928	0.890	0.950	0.928
9	0.668	0.774	0.888	1.045	0.987	0.924	1.045	0.987
10	0.699	0.806	0.900	1.131	1.043	0.941	1.131	1.043
11	0.730	0.844	0.912	1.212	1.081	0.956	1.212	1.081
12	0.760	0.887	0.920	1.275	1.112	0.942	1.275	1.112
13	0.789	0.932	0.925	1.313	1.137	0.937	1.313	1.137
14	0.817	0.971	0.927	1.333	1.155	0.932	1.333	1.155
15	0.844	0.999	0.928	1.334	1.167	0.939	1.334	1.167
16	0.871	1.013	0.932	1.317	1.174	0.956	1.317	1.174
17	0.899	1.018	0.939	1.285	1.179	0.978	1.285	1.179
18	0.927	1.020	0.949	1.248	1.184	0.994	1.248	1.184
19	0.954	1.021	0.958	1.210	1.184	1.006	1.210	1.184
20	0.979	1.023	0.963	1.175	1.185	1.023	1.175	1.185
21	1.000	1.025	0.967	1.146	1.183	1.033	1.146	1.183
22	1.020	1.026	0.971	1.123	1.179	1.036	1.123	1.179
23	1.037	1.027	0.977	1.113	1.173	1.039	1.113	1.173
24	1.053	1.029	0.984	1.100	1.168	1.041	1.100	1.168
25	1.070	1.030	0.991	1.087	1.163	1.044	1.087	1.163
26	1.089	1.032	0.990	1.072	1.158	1.046	1.072	1.158
27	1.106	1.033	0.992	1.070	1.154	1.051	1.070	1.154
28	1.118	1.034	0.992	1.068	1.150	1.052	1.068	1.150
29	1.125	1.036	0.991	1.066	1.146	1.049	1.066	1.146
30	1.127	1.037	0.988	1.064	1.141	1.051	1.064	1.141
31	1.124	1.039	0.986	1.062	1.136	1.052	1.062	1.136
32	1.115	1.041	0.985	1.060	1.132	1.052	1.060	1.132
33	1.101	1.042	0.984	1.058	1.129	1.062	1.058	1.129
34	1.087	1.044	0.983	1.056	1.125	1.070	1.056	1.125
35	1.076	1.046	0.983	1.054	1.121	1.069	1.054	1.121
36	1.069	1.047	0.984	1.052	1.116	1.068	1.052	1.116
37	1.066	1.049	0.987	1.050	1.110	1.058	1.050	1.110
38	1.068	1.051	0.993	1.048	1.101	1.055	1.048	1.101
39	1.075	1.052	1.000	1.046	1.092	1.054	1.046	1.092
40	1.088	1.054	1.007	1.044	1.081	1.054	1.044	1.081
41	1.095	1.055	1.014	1.042	1.070	1.059	1.042	1.070
42	1.104	1.056	1.019	1.040	1.057	1.065	1.040	1.057

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Rule 301.A.4 Factors

Age of Home								
Age of Home	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
43	1.113	1.058	1.024	1.038	1.043	1.077	1.038	1.043
44	1.123	1.059	1.027	1.035	1.029	1.085	1.035	1.029
45	1.132	1.061	1.028	1.033	1.015	1.085	1.033	1.015
46	1.136	1.063	1.028	1.031	1.003	1.082	1.031	1.003
47	1.143	1.064	1.028	1.029	0.991	1.076	1.029	0.991
48	1.153	1.066	1.029	1.027	0.980	1.074	1.027	0.980
49	1.161	1.067	1.034	1.025	0.970	1.069	1.025	0.970
50	1.167	1.069	1.038	1.023	0.961	1.083	1.023	0.961
51	1.173	1.070	1.045	1.021	0.954	1.098	1.021	0.954
52	1.178	1.071	1.057	1.019	0.946	1.122	1.019	0.946
53	1.181	1.073	1.067	1.017	0.939	1.135	1.017	0.939
54	1.187	1.074	1.078	1.015	0.933	1.134	1.015	0.933
55	1.195	1.077	1.086	1.013	0.927	1.143	1.013	0.927
56	1.204	1.078	1.093	1.011	0.921	1.155	1.011	0.921
57	1.210	1.080	1.097	1.009	0.916	1.168	1.009	0.916
58	1.215	1.081	1.102	1.007	0.911	1.183	1.007	0.911
59	1.217	1.083	1.105	1.005	0.907	1.200	1.005	0.907
60	1.220	1.084	1.109	1.003	0.905	1.211	1.003	0.905
61	1.222	1.093	1.114	1.002	0.902	1.224	1.002	0.902
62	1.224	1.101	1.119	1.001	0.900	1.230	1.001	0.900
63	1.226	1.109	1.125	1.000	0.897	1.231	1.000	0.897
64	1.228	1.116	1.130	0.999	0.894	1.230	0.999	0.894
65	1.231	1.123	1.135	0.998	0.891	1.229	0.998	0.891
66	1.233	1.130	1.141	0.997	0.888	1.228	0.997	0.888
67	1.235	1.137	1.146	0.997	0.885	1.227	0.997	0.885
68	1.238	1.144	1.151	0.997	0.882	1.227	0.997	0.882
69	1.240	1.152	1.156	0.996	0.879	1.227	0.996	0.879
70	1.242	1.160	1.161	0.996	0.876	1.227	0.996	0.876
71	1.244	1.169	1.165	0.995	0.874	1.227	0.995	0.874
72	1.246	1.178	1.170	0.995	0.871	1.227	0.995	0.871
73	1.248	1.188	1.174	0.994	0.868	1.226	0.994	0.868
74	1.250	1.198	1.179	0.993	0.866	1.226	0.993	0.866
75	1.252	1.208	1.183	0.992	0.863	1.224	0.992	0.863
76+	1.254	1.219	1.187	0.991	0.861	1.223	0.991	0.861

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HV-3	30000	0.630	0.652	0.771	0.493	0.382	0.661	0.493	0.382
HV-3	35000	0.639	0.652	0.774	0.505	0.398	0.671	0.505	0.398
HV-3	40000	0.648	0.652	0.777	0.517	0.416	0.680	0.517	0.416
HV-3	45000	0.657	0.652	0.779	0.529	0.433	0.690	0.529	0.433
HV-3	50000	0.664	0.652	0.780	0.536	0.446	0.694	0.536	0.446
HV-3	55000	0.672	0.652	0.782	0.542	0.459	0.700	0.542	0.459
HV-3	60000	0.680	0.652	0.783	0.549	0.473	0.704	0.549	0.473
HV-3	65000	0.688	0.652	0.785	0.564	0.487	0.710	0.564	0.487
HV-3	70000	0.696	0.652	0.786	0.572	0.503	0.715	0.572	0.503
HV-3	75000	0.704	0.652	0.788	0.580	0.518	0.722	0.580	0.518
HV-3	80000	0.706	0.652	0.791	0.595	0.536	0.728	0.595	0.536
HV-3	85000	0.708	0.652	0.795	0.606	0.551	0.735	0.606	0.551
HV-3	90000	0.711	0.652	0.798	0.619	0.569	0.741	0.619	0.569
HV-3	95000	0.713	0.652	0.803	0.637	0.586	0.754	0.637	0.586
HV-3	100000	0.721	0.652	0.808	0.657	0.614	0.779	0.657	0.614
HV-3	105000	0.732	0.660	0.811	0.675	0.635	0.802	0.675	0.635
HV-3	110000	0.752	0.662	0.813	0.690	0.656	0.824	0.690	0.656
HV-3	115000	0.777	0.675	0.820	0.706	0.679	0.846	0.706	0.679
HV-3	120000	0.801	0.711	0.826	0.730	0.707	0.861	0.730	0.707
HV-3	125000	0.818	0.760	0.829	0.754	0.735	0.868	0.754	0.735
HV-3	130000	0.829	0.798	0.838	0.778	0.765	0.870	0.778	0.765
HV-3	135000	0.838	0.836	0.851	0.802	0.799	0.893	0.802	0.799
HV-3	140000	0.849	0.876	0.869	0.828	0.831	0.919	0.828	0.831
HV-3	145000	0.860	0.923	0.888	0.852	0.857	0.945	0.852	0.857
HV-3	150000	0.878	0.969	0.904	0.884	0.884	0.978	0.884	0.884
HV-3	155000	0.889	1.013	0.919	0.919	0.906	1.003	0.919	0.906
HV-3	160000	0.905	1.041	0.932	0.944	0.921	1.025	0.944	0.921
HV-3	165000	0.934	1.069	0.948	0.967	0.948	1.042	0.967	0.948
HV-3	170000	0.958	1.077	0.960	0.988	0.970	1.045	0.988	0.970
HV-3	175000	0.995	1.089	0.970	1.012	1.006	1.055	1.012	1.006
HV-3	180000	1.021	1.095	0.980	1.036	1.035	1.061	1.036	1.035
HV-3	185000	1.042	1.101	0.990	1.060	1.063	1.069	1.060	1.063
HV-3	190000	1.067	1.104	1.003	1.081	1.088	1.081	1.081	1.088
HV-3	195000	1.094	1.108	1.020	1.101	1.106	1.102	1.101	1.106
HV-3	200000	1.132	1.114	1.036	1.126	1.140	1.124	1.126	1.140
HV-3	205000	1.163	1.134	1.055	1.150	1.174	1.139	1.150	1.174
HV-3	210000	1.193	1.150	1.077	1.173	1.209	1.159	1.173	1.209
HV-3	215000	1.215	1.170	1.096	1.197	1.238	1.173	1.197	1.238
HV-3	220000	1.220	1.185	1.113	1.218	1.256	1.179	1.218	1.256
HV-3	225000	1.241	1.193	1.126	1.242	1.286	1.188	1.242	1.286
HV-3	230000	1.261	1.200	1.138	1.266	1.321	1.200	1.266	1.321
HV-3	235000	1.269	1.211	1.152	1.286	1.347	1.204	1.286	1.347
HV-3	240000	1.286	1.221	1.165	1.304	1.381	1.225	1.304	1.381
HV-3	245000	1.291	1.240	1.180	1.325	1.399	1.243	1.325	1.399

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HV-3	250000	1.302	1.261	1.195	1.344	1.427	1.279	1.344	1.427
HV-3	255000	1.312	1.286	1.210	1.366	1.459	1.309	1.366	1.459
HV-3	260000	1.320	1.309	1.224	1.389	1.490	1.346	1.389	1.490
HV-3	265000	1.329	1.331	1.241	1.412	1.522	1.377	1.412	1.522
HV-3	270000	1.341	1.355	1.257	1.433	1.557	1.405	1.433	1.557
HV-3	275000	1.356	1.385	1.274	1.454	1.591	1.429	1.454	1.591
HV-3	280000	1.374	1.422	1.292	1.475	1.622	1.453	1.475	1.622
HV-3	285000	1.394	1.464	1.310	1.497	1.648	1.473	1.497	1.648
HV-3	290000	1.415	1.509	1.329	1.520	1.678	1.490	1.520	1.678
HV-3	295000	1.435	1.553	1.349	1.546	1.701	1.507	1.546	1.701
HV-3	300000	1.455	1.595	1.369	1.571	1.724	1.522	1.571	1.724
HV-3	305000	1.475	1.637	1.389	1.596	1.747	1.536	1.596	1.747
HV-3	310000	1.495	1.674	1.408	1.618	1.773	1.551	1.618	1.773
HV-3	315000	1.519	1.706	1.427	1.638	1.800	1.570	1.638	1.800
HV-3	320000	1.548	1.730	1.446	1.656	1.829	1.586	1.656	1.829
HV-3	325000	1.580	1.749	1.465	1.672	1.857	1.602	1.672	1.857
HV-3	330000	1.615	1.763	1.485	1.687	1.888	1.619	1.687	1.888
HV-3	335000	1.650	1.776	1.503	1.700	1.920	1.637	1.700	1.920
HV-3	340000	1.684	1.788	1.520	1.711	1.953	1.657	1.711	1.953
HV-3	345000	1.717	1.801	1.537	1.723	1.986	1.678	1.723	1.986
HV-3	350000	1.749	1.817	1.552	1.733	2.018	1.700	1.733	2.018
HV-3	355000	1.779	1.827	1.567	1.743	2.052	1.723	1.743	2.052
HV-3	360000	1.808	1.835	1.580	1.753	2.085	1.745	1.753	2.085
HV-3	365000	1.836	1.841	1.592	1.764	2.119	1.768	1.764	2.119
HV-3	370000	1.862	1.847	1.605	1.775	2.153	1.789	1.775	2.153
HV-3	375000	1.890	1.854	1.618	1.786	2.191	1.807	1.786	2.191
HV-3	380000	1.919	1.862	1.632	1.798	2.230	1.822	1.798	2.230
HV-3	385000	1.947	1.869	1.646	1.809	2.269	1.838	1.809	2.269
HV-3	390000	1.975	1.877	1.660	1.820	2.308	1.853	1.820	2.308
HV-3	395000	2.003	1.885	1.674	1.832	2.347	1.868	1.832	2.347
HV-3	400000	2.032	1.892	1.688	1.843	2.387	1.883	1.843	2.387
HV-3	405000	2.072	1.897	1.700	1.858	2.422	1.896	1.858	2.422
HV-3	410000	2.112	1.902	1.713	1.873	2.457	1.908	1.873	2.457
HV-3	415000	2.152	1.907	1.725	1.888	2.492	1.921	1.888	2.492
HV-3	420000	2.192	1.912	1.738	1.903	2.527	1.933	1.903	2.527
HV-3	425000	2.232	1.917	1.750	1.918	2.562	1.946	1.918	2.562
HV-3	430000	2.272	1.922	1.763	1.933	2.597	1.958	1.933	2.597
HV-3	435000	2.312	1.927	1.775	1.948	2.632	1.971	1.948	2.632
HV-3	440000	2.352	1.932	1.788	1.963	2.667	1.983	1.963	2.667
HV-3	445000	2.392	1.937	1.800	1.978	2.702	1.996	1.978	2.702
HV-3	450000	2.432	1.942	1.813	1.993	2.737	2.008	1.993	2.737
HV-3	455000	2.472	1.947	1.825	2.008	2.772	2.021	2.008	2.772
HV-3	460000	2.512	1.952	1.838	2.023	2.807	2.033	2.023	2.807
HV-3	465000	2.552	1.957	1.850	2.038	2.842	2.046	2.038	2.842

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HV-3	470000	2.592	1.962	1.863	2.053	2.877	2.058	2.053	2.877
HV-3	475000	2.632	1.967	1.875	2.068	2.912	2.071	2.068	2.912
HV-3	480000	2.672	1.972	1.888	2.083	2.947	2.083	2.083	2.947
HV-3	485000	2.712	1.977	1.900	2.098	2.982	2.096	2.098	2.982
HV-3	490000	2.752	1.982	1.913	2.113	3.017	2.108	2.113	3.017
HV-3	495000	2.792	1.987	1.925	2.128	3.052	2.121	2.128	3.052
HV-3	500000	2.832	1.992	1.938	2.143	3.087	2.133	2.143	3.087
HV-3	510000	2.912	2.002	1.963	2.173	3.157	2.158	2.173	3.157
HV-3	520000	2.992	2.012	1.988	2.203	3.227	2.183	2.203	3.227
HV-3	530000	3.072	2.022	2.013	2.233	3.297	2.208	2.233	3.297
HV-3	540000	3.152	2.032	2.038	2.263	3.367	2.233	2.263	3.367
HV-3	550000	3.232	2.042	2.063	2.293	3.437	2.258	2.293	3.437
HV-3	560000	3.312	2.052	2.088	2.323	3.507	2.283	2.323	3.507
HV-3	570000	3.392	2.062	2.113	2.353	3.577	2.308	2.353	3.577
HV-3	580000	3.472	2.072	2.138	2.383	3.647	2.333	2.383	3.647
HV-3	590000	3.552	2.082	2.163	2.413	3.717	2.358	2.413	3.717
HV-3	600000	3.632	2.092	2.188	2.443	3.787	2.383	2.443	3.787
HV-3	610000	3.712	2.102	2.213	2.473	3.857	2.408	2.473	3.857
HV-3	620000	3.792	2.112	2.238	2.503	3.927	2.433	2.503	3.927
HV-3	630000	3.872	2.122	2.263	2.533	3.997	2.458	2.533	3.997
HV-3	640000	3.952	2.132	2.288	2.563	4.067	2.483	2.563	4.067
HV-3	650000	4.032	2.142	2.313	2.593	4.137	2.508	2.593	4.137
HV-3	660000	4.112	2.152	2.338	2.623	4.207	2.533	2.623	4.207
HV-3	670000	4.192	2.162	2.363	2.653	4.277	2.558	2.653	4.277
HV-3	680000	4.272	2.172	2.388	2.683	4.347	2.583	2.683	4.347
HV-3	690000	4.352	2.182	2.413	2.713	4.417	2.608	2.713	4.417
HV-3	700000	4.432	2.192	2.438	2.743	4.487	2.633	2.743	4.487
HV-3	710000	4.512	2.202	2.463	2.773	4.557	2.658	2.773	4.557
HV-3	720000	4.592	2.212	2.488	2.803	4.627	2.683	2.803	4.627
HV-3	730000	4.672	2.222	2.513	2.833	4.697	2.708	2.833	4.697
HV-3	740000	4.752	2.232	2.538	2.863	4.767	2.733	2.863	4.767
HV-3	750000	4.832	2.242	2.563	2.893	4.837	2.758	2.893	4.837
HV-3	760000	4.912	2.252	2.588	2.923	4.907	2.783	2.923	4.907
HV-3	770000	4.992	2.262	2.613	2.953	4.977	2.808	2.953	4.977
HV-3	780000	5.072	2.272	2.638	2.983	5.047	2.833	2.983	5.047
HV-3	790000	5.152	2.282	2.663	3.013	5.117	2.858	3.013	5.117
HV-3	800000	5.232	2.292	2.688	3.043	5.187	2.883	3.043	5.187
HV-3	810000	5.312	2.302	2.713	3.073	5.257	2.908	3.073	5.257
HV-3	820000	5.392	2.312	2.738	3.103	5.327	2.933	3.103	5.327
HV-3	830000	5.472	2.322	2.763	3.133	5.397	2.958	3.133	5.397
HV-3	840000	5.552	2.332	2.788	3.163	5.467	2.983	3.163	5.467
HV-3	850000	5.632	2.342	2.813	3.193	5.537	3.008	3.193	5.537
HV-3	860000	5.712	2.352	2.838	3.223	5.607	3.033	3.223	5.607
HV-3	870000	5.792	2.362	2.863	3.253	5.677	3.058	3.253	5.677

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Rule 301.A.4 Factors

Coverage A Limit									
Form	**Coverage A Limit**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HV-3	880000	5.872	2.372	2.888	3.283	5.747	3.083	3.283	5.747
HV-3	890000	5.952	2.382	2.913	3.313	5.817	3.108	3.313	5.817
HV-3	900000	6.032	2.392	2.938	3.343	5.887	3.133	3.343	5.887
HV-3	910000	6.112	2.402	2.963	3.373	5.957	3.158	3.373	5.957
HV-3	920000	6.192	2.412	2.988	3.403	6.027	3.183	3.403	6.027
HV-3	930000	6.272	2.422	3.013	3.433	6.097	3.208	3.433	6.097
HV-3	940000	6.352	2.432	3.038	3.463	6.167	3.233	3.463	6.167
HV-3	950000	6.432	2.442	3.063	3.493	6.237	3.258	3.493	6.237
HV-3	960000	6.512	2.452	3.088	3.523	6.307	3.283	3.523	6.307
HV-3	970000	6.592	2.462	3.113	3.553	6.377	3.308	3.553	6.377
HV-3	980000	6.672	2.472	3.138	3.583	6.447	3.333	3.583	6.447
HV-3	990000	6.752	2.482	3.163	3.613	6.517	3.358	3.613	6.517
HV-3	1000000	6.832	2.492	3.188	3.643	6.587	3.383	3.643	6.587
HV-3	1500000	11.915	3.291	4.937	5.657	11.096	5.151	5.657	11.096
HV-3	2000000	16.315	3.841	6.367	7.307	14.946	6.581	7.307	14.946
HV-3	2500000	20.715	4.391	7.797	8.957	18.796	8.011	8.957	18.796
HV-3	3000000	26.257	5.166	9.646	11.089	23.675	9.870	11.089	23.675
HV-3	3500000	32.198	5.990	11.626	13.372	28.904	11.860	13.372	28.904
HV-3	4000000	38.540	6.865	13.735	15.804	34.484	13.979	15.804	34.484
HV-3	4500000	43.540	7.490	15.360	17.679	38.859	15.604	17.679	38.859
HV-3	5000000	48.540	8.115	16.985	19.554	43.234	17.229	19.554	43.234
HV-3	5500000	53.540	8.740	18.610	21.429	47.609	18.854	21.429	47.609
HV-3	6000000	58.540	9.365	20.235	23.304	51.984	20.479	23.304	51.984

Coverage A Limit HV-3 Reduction Factor								
Coverage A Limit HV-3	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
Additive factor for every 1000 below 30000	0.002	0.005	0.002	0.005	0.005	0.003	0.005	0.005

Coverage A Limit HV-3 Additional Factor								
Coverage A Limit HV-3	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
Additive factor for every 5000 above 6000000	0.050	0.006	0.016	0.019	0.044	0.016	0.019	0.044

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Rule 301.A.4 Factors

Roof Covering								
Roof Covering	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
Architecture Shingles	1.000	1.000	1.000	0.950	1.000	1.000	0.950	1.000
Asphalt Fiberglass Composite	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Clay-Tile-Slate	0.950	1.000	1.000	0.950	1.000	1.000	0.950	1.000
Concrete Tile	0.950	1.000	1.000	0.950	1.000	1.000	0.950	1.000
Corrugated Steel - Metal	0.950	1.000	1.000	0.900	1.000	1.000	0.900	1.000
Flat Foam Composite	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Flat Membrane	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Flat Tar Gravel	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Other	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Wood Shake	1.050	1.000	1.000	1.100	1.000	1.000	1.100	1.000
Wood Shingle	1.050	1.000	1.000	1.100	1.000	1.000	1.100	1.000

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Rule 301.A.1 Factors

Base Rate								
Form	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HV-3	388.000	88.660	47.660	131.490	356.020	48.400	173.170	121.800
HV-6	78.500	55.350	23.850	23.410	264.610	12.750	7.110	9.310

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Rule 405 Deductibles

All Travelers Homeowners policies are subject to a base deductible applicable to loss from all Section I perils except Earthquake. A separate deductible provision applies to Earthquake Coverage. Refer to Rule 505 for the applicable deductible provision.

Peril base rates by form shown in this manual take this deductible into consideration. The Homeowners policy is written subject to a minimum deductible defined in our Eligibility Guidelines that is applicable to any loss under Section I of this policy. The policy may be revised to include an optional higher deductible. Refer to the Residence Variables section of the rate pages for the available deductibles and associated factors.

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Rule 405 Deductibles

All Travelers Homeowners policies are subject to a base deductible applicable to loss from all Section I perils except Earthquake. A separate deductible provision applies to Earthquake Coverage. Refer to Rule 505 for the applicable deductible provision.

Peril base rates by form shown in this manual take this deductible into consideration. The High Value Homeowners policy is written subject to a minimum deductible defined in our Eligibility Guidelines that is applicable to any loss under Section I of this policy. The policy may be revised to include an optional higher deductible. Refer to the Residence Variables section of the rate pages for the available deductibles and associated factors.

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Rule 301.A.5 Factors

Home Buyer Discount										
Form	**Policy Age**	**Age of Dwell at New Business**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	New Business, New Home	0-15	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
HO-2 / HO-3	1st Renewal, New Home	0-15	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930
HO-2 / HO-3	2nd Renewal, New Home	0-15	0.960	0.960	0.960	0.960	0.960	0.960	0.960	0.960
HO-2 / HO-3	3rd Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	4th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	5th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	New Business, Existing Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-2 / HO-3	1st Renewal, Existing Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-2 / HO-3	2nd Renewal, Existing Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-2 / HO-3	3rd Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	4th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	5th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	New Business, Existing Home	16+	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980
HO-2 / HO-3	1st Renewal, Existing Home	16+	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-2 / HO-3	2nd Renewal, Existing Home	16+	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
HO-2 / HO-3	3rd Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	4th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3	5th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	New Business, New Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6	1st Renewal, New Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6	2nd Renewal, New Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6	3rd Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	4th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	5th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	New Business, Existing Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6	1st Renewal, Existing Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6	2nd Renewal, Existing Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6	3rd Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	4th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	5th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	New Business, Existing Home	16+	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6	1st Renewal, Existing Home	16+	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6	2nd Renewal, Existing Home	16+	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6	3rd Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	4th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6	5th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

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Rule 301.A.5 Factors

Home Buyer Discount										
Form	**Policy Age**	**Age of Dwell at New Business**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HV-3	New Business, New Home	0-15	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
HV-3	1st Renewal, New Home	0-15	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930
HV-3	2nd Renewal, New Home	0-15	0.960	0.960	0.960	0.960	0.960	0.960	0.960	0.960
HV-3	3rd Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	4th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	5th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	New Business, Existing Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HV-3	1st Renewal, Existing Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HV-3	2nd Renewal, Existing Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HV-3	3rd Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	4th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	5th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	New Business, Existing Home	16+	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980
HV-3	1st Renewal, Existing Home	16+	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HV-3	2nd Renewal, Existing Home	16+	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
HV-3	3rd Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	4th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-3	5th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	New Business, New Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HV-6	1st Renewal, New Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HV-6	2nd Renewal, New Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HV-6	3rd Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	4th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	5th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	New Business, Existing Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HV-6	1st Renewal, Existing Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HV-6	2nd Renewal, Existing Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HV-6	3rd Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	4th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	5th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	New Business, Existing Home	16+	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HV-6	1st Renewal, Existing Home	16+	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HV-6	2nd Renewal, Existing Home	16+	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HV-6	3rd Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	4th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HV-6	5th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

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Supporting Document Schedules

		Item Status:	Status Date:
Satisfied - Item:	Authorization to File (PC)		
Comments:	n/a		

		Item Status:	Status Date:
Satisfied - Item:	Actuarial Explanatory Memorandum & Supporting Exhibits (PC)		
Comments:	Please see attached.		
Attachment(s):			
PA_QTM_HO_ 04-05-13_Ver5.pdf Explanatory Memorandum.pdf			

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Table of Contents

		Explanatory Memorandum
		The Travelers Home and Marine Insurance Company Development of Indication (Exhibits 1-10)
Exhibit 1		Statewide Indication
Exhibit 2		Unallocated Loss Adjustment Expense
Exhibit 3	Pages 1-4	Loss Trend
Exhibit 4	Pages 1-4	Loss Development
Exhibit 5	Pages 1-3	Explanation of Catastrophe Losses
Exhibit 6	Pages 1-2	Average Premium Trend
Exhibit 7	Pages 1-2	Trended Ultimate Losses
Exhibit 8		Development of: Variable Permissible Loss Ratio and Permissible Loss Ratio
Exhibit 9	Pages 1-2	Property Indication
Exhibit 10	Pages 1-6	Calculation of Investment Income Adjustment Factors
		TravCo Insurance Company Development of Indication (Exhibits 11-20)
Exhibit 11		Statewide Indication
Exhibit 12		Unallocated Loss Adjustment Expense
Exhibit 13	Pages 1-4	Loss Trend
Exhibit 14	Pages 1-4	Loss Development
Exhibit 15	Pages 1-3	Explanation of Catastrophe Losses
Exhibit 16	Pages 1-2	Average Premium Trend
Exhibit 17	Pages 1-2	Trended Ultimate Losses
Exhibit 18		Development of: Variable Permissible Loss Ratio and Permissible Loss Ratio
Exhibit 19	Pages 1-2	Property Indication
Exhibit 20	Pages 1-6	Calculation of Investment Income Adjustment Factors
		Factor Revisions
Exhibit 21		Revision to Base Rates
Exhibit 22	Pages 1-2	Revision to Roof Covering Factors
Exhibit 23	Pages 1-2	Revision to Coverage A Factors
Exhibit 24	Pages 1-2	Revision to Home Buyer Discount Factors
Exhibit 25	Pages 1-4	Revision to Age of Home Factors
		Loss Support
Exhibit 26	Pages 1-5	Loss Exhibits
		Rule Revisions
Exhibit 27	Pages 1-4	Revision to Rule 405: Deductibles

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Explanatory Memorandum

This memorandum presents the proposed overall rate level increase of 9.27% to address Pennsylvania Quantum Homeowners and High Value Homeowners loss pressure. This change applies to all new business issued and effective on or after 04/05/2013 and to all renewals issued on or after 04/05/2013 and effective on or after 06/11/2013.

This filing proposes the following changes: by-peril dwelling form base rates, homebuyer credit, coverage a, flat roof, age of home and tenant base rates.

With this filing we are also amending Deductible Rule 405 rules to make editorial changes.

In an effort to improve and update our indication process we are proposing the following changes to methodology and data:

Weighted Catastrophe Loss Multiplier (WCLM):
We are moving from a 45 to a 20 year loss time period for the development of the WCLM. This shorter time period is more reflective of our current geographic policy distribution as well as recent weather patterns.

Average Premium Trend:
We are explicitly showing separate historical and prospective premium trend factors. The historical trend selection is based on the long term fit. The prospective trend selection is based on the year over year movement in average premiums, particularly in the most recent years, to better reflect recent trends.

Loss Trend:
We are incorporating separate historical and prospective loss trend factors. The historic trend selections are based on long term fits of state and industry trends and the prospective trend selections more responsive to recent trends.

Hurricane Model:
After extensive evaluation, the Travelers has decided to begin using Applied Insurance Research (AIR) for the purpose of modeling Personal Insurance hurricane losses. Please note, we had been using Risk Management Solutions (RMS).

Hurricane Loss Ratio Exhibit:

A page has been added to the Catastrophe Losses Exhibit (Exhibit 5, Page 3 and Exhibit 15, Page 3) to show adjustments to the modeled hurricane loss ratio. The modeled hurricane loss ratio is now adjusted to include ALAE and ULAE, as the model does not include these elements. The modeled hurricane loss ratio is also adjusted to current rate level.

Experience Data:

The Travelers has updated its experience database which brings improved accuracy and detail. Any resultant changes in historical values compared to prior filings are not material.

ULAE:
On Exhibit 2 and Exhibit 12, the ULAE ratio is now determined based on net paid rather than direct incurred ULAE and loss and ALAE values. Please note that a paid basis removes volatility due to reserve changes, and net ratios better reflect our loss cash flows. In addition, the ULAE ratio selection is now calculated as an average of the ULAE ratio for 2009, 2010 and 2011 using weights that mitigate the impact of the extraordinary level of cat losses in 2011. Please note that this ULAE factor is applied to losses of all perils because the historical unallocated loss adjustment expenses cannot be identified as being associated with any particular peril.

Investment Income Exhibit:
On Exhibit 10, Page 4 and Exhibit 20, Page 4, the Reserve Ratio calculation is now calculated as the average of net ratios for each of the last three years. Previously, we used the direct ratio of only the last year. Please note that three years produces a more stable result over time, and net ratios better reflect our loss cash flows.

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Statewide Indication

All Price Tracks Combined

Policy Forms	Year Ending 09/30/2012 EPCR	Indicated Rate Level Change
Dwelling	133,714,252	23.52%
Tenant	5,997,944	48.45%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Unallocated Loss Adjustment Expense

Calendar Year	Paid ULAE	Paid Losses and ALAE	Ratio
2009	$186,044,925	$1,504,830,614	0.124
2010	$220,855,726	$1,700,442,898	0.130
2011	$263,868,942	$2,654,129,066	0.099
Selected			0.121

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Frequency Trend
Dwelling Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	4.31	4.22			09/30/2007	4.59	4.35		
03/31/2008	4.46	4.26			12/31/2007	4.43	4.39		
06/30/2008	4.37	4.30			03/31/2008	4.55	4.43		
09/30/2008	4.20	4.33			06/30/2008	4.50	4.47		
12/31/2008	4.14	4.37			09/30/2008	4.38	4.52		
03/31/2009	4.16	4.41			12/31/2008	4.37	4.56		
06/30/2009	4.38	4.45			03/31/2009	4.39	4.61		
09/30/2009	4.53	4.50			06/30/2009	4.50	4.65		
12/31/2009	4.66	4.54	4.63		09/30/2009	4.64	4.70	4.72	
03/31/2010	4.47	4.58	4.66		12/31/2009	4.76	4.74	4.77	
06/30/2010	4.64	4.62	4.69		03/31/2010	4.78	4.79	4.81	
09/30/2010	4.50	4.66	4.72		06/30/2010	4.87	4.84	4.86	
12/31/2010	4.50	4.71	4.75		09/30/2010	4.85	4.88	4.91	
03/31/2011	4.77	4.75	4.78		12/31/2010	4.92	4.93	4.96	
06/30/2011	5.04	4.79	4.81	5.54	03/31/2011	5.02	4.98	5.00	5.23
09/30/2011	5.43	4.84	4.85	5.32	06/30/2011	5.17	5.03	5.05	5.21
12/31/2011	5.59	4.88	4.88	5.12	09/30/2011	5.38	5.08	5.10	5.18
03/31/2012	5.26	4.92	4.91	4.92	12/31/2011	5.44	5.13	5.15	5.15
06/30/2012	4.71	4.97	4.94	4.72	03/31/2012	5.19	5.18	5.20	5.12
09/30/2012	4.20	5.02	4.98	4.54	06/30/2012	4.81	5.23	5.25	5.09
Annual Rate of Change		3.7%	2.7%	-14.8%			4.0%	4.0%	-2.1%

Selected Historical Annual Rate of Change	3.7%
Selected Prospective Annual Rate of Change	-1.0%
Projected Average Date of Loss for the Period the Proposed Rates will be in Effect	04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	Factor to Adjust From 03/31/2012 to 04/05/2014 (f)	Frequency Factor (g) = (d) x (f)
09/30/2008	03/31/2008	48	1.157	24.2	0.980	1.134
09/30/2009	03/31/2009	36	1.116	24.2	0.980	1.093
09/30/2010	03/31/2010	24	1.076	24.2	0.980	1.054
09/30/2011	03/31/2011	12	1.037	24.2	0.980	1.016
09/30/2012	03/31/2012	0	1.000	24.2	0.980	0.980

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Severity Trend
Dwelling Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	6,593	7,074			09/30/2007	6,472	6,535		
03/31/2008	6,832	7,153			12/31/2007	6,495	6,607		
06/30/2008	7,089	7,232			03/31/2008	6,511	6,680		
09/30/2008	7,207	7,313			06/30/2008	6,616	6,754		
12/31/2008	7,734	7,394			09/30/2008	6,770	6,829		
03/31/2009	8,055	7,477			12/31/2008	7,027	6,904		
06/30/2009	8,174	7,560			03/31/2009	7,215	6,980		
09/30/2009	8,260	7,644			06/30/2009	7,330	7,057		
12/31/2009	8,090	7,729	7,579		09/30/2009	7,398	7,135	7,213	
03/31/2010	8,030	7,816	7,677		12/31/2009	7,321	7,214	7,278	
06/30/2010	7,741	7,903	7,775		03/31/2010	7,282	7,293	7,343	
09/30/2010	7,985	7,991	7,875		06/30/2010	7,231	7,374	7,408	
12/31/2010	7,646	8,080	7,976		09/30/2010	7,372	7,455	7,474	
03/31/2011	7,450	8,170	8,079		12/31/2010	7,473	7,537	7,541	
06/30/2011	7,646	8,261	8,183	7,661	03/31/2011	7,608	7,621	7,608	7,662
09/30/2011	7,869	8,353	8,288	7,968	06/30/2011	7,797	7,705	7,676	7,721
12/31/2011	8,353	8,446	8,394	8,288	09/30/2011	7,811	7,790	7,745	7,781
03/31/2012	8,710	8,540	8,502	8,621	12/31/2011	7,791	7,876	7,814	7,841
06/30/2012	9,110	8,635	8,611	8,967	03/31/2012	7,881	7,963	7,884	7,902
09/30/2012	9,148	8,731	8,722	9,327	06/30/2012	7,982	8,051	7,955	7,963
Annual Rate of Change		4.5%	5.2%	17.1%			4.5%	3.6%	3.1%

Selected Historical Annual Rate of Change: 4.5%

Selected Prospective Annual Rate of Change: 3.8%

Projected Average Date of Loss for the Period the Proposed Rates will be in Effect: 04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	From to	Factor to Adjust 03/31/2012 04/05/2014 (f)	Severity Factor (g) = (d) x (f)	Frequency x Severity Factor
09/30/2008	03/31/2008	48	1.194	24.2		1.078	1.287	1.459
09/30/2009	03/31/2009	36	1.142	24.2		1.078	1.231	1.346
09/30/2010	03/31/2010	24	1.093	24.2		1.078	1.178	1.242
09/30/2011	03/31/2011	12	1.045	24.2		1.078	1.127	1.145
09/30/2012	03/31/2012	0	1.000	24.2		1.078	1.078	1.056

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Frequency Trend
Tenant Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	1.09	1.14			09/30/2007	1.39	1.36		
03/31/2008	1.07	1.14			12/31/2007	1.36	1.36		
06/30/2008	1.06	1.14			03/31/2008	1.35	1.37		
09/30/2008	1.18	1.15			06/30/2008	1.33	1.37		
12/31/2008	1.23	1.15			09/30/2008	1.41	1.38		
03/31/2009	1.28	1.15			12/31/2008	1.43	1.39		
06/30/2009	1.25	1.15			03/31/2009	1.45	1.39		
09/30/2009	1.15	1.15			06/30/2009	1.45	1.40		
12/31/2009	1.07	1.15	1.13		09/30/2009	1.40	1.40	1.35	
03/31/2010	1.09	1.15	1.13		12/31/2009	1.37	1.41	1.37	
06/30/2010	1.16	1.16	1.14		03/31/2010	1.36	1.41	1.38	
09/30/2010	1.18	1.16	1.14		06/30/2010	1.36	1.42	1.39	
12/31/2010	1.25	1.16	1.14		09/30/2010	1.38	1.43	1.40	
03/31/2011	1.17	1.16	1.15		12/31/2010	1.40	1.43	1.42	
06/30/2011	1.14	1.16	1.15	1.14	03/31/2011	1.42	1.44	1.43	1.45
09/30/2011	1.16	1.16	1.16	1.15	06/30/2011	1.46	1.44	1.44	1.46
12/31/2011	1.13	1.16	1.16	1.15	09/30/2011	1.48	1.45	1.46	1.47
03/31/2012	1.16	1.17	1.16	1.15	12/31/2011	1.52	1.46	1.47	1.48
06/30/2012	1.13	1.17	1.17	1.15	03/31/2012	1.49	1.46	1.48	1.49
09/30/2012	1.17	1.17	1.17	1.16	06/30/2012	1.46	1.47	1.50	1.50
Annual Rate of Change		0.5%	1.3%	0.9%			1.7%	3.8%	2.7%

Selected Historical Annual Rate of Change	0.5%
Selected Prospective Annual Rate of Change	-0.5%
Projected Average Date of Loss for the Period the Proposed Rates will be in Effect	04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	Factor to Adjust From 03/31/2012 to 04/05/2014 (f)	Frequency Factor (g) = (d) x (f)
09/30/2008	03/31/2008	48	1.020	24.2	0.990	1.010
09/30/2009	03/31/2009	36	1.015	24.2	0.990	1.005
09/30/2010	03/31/2010	24	1.010	24.2	0.990	1.000
09/30/2011	03/31/2011	12	1.005	24.2	0.990	0.995
09/30/2012	03/31/2012	0	1.000	24.2	0.990	0.990

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Severity Trend
Tenant Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	5,202	4,690			09/30/2007	4,415	4,495		
03/31/2008	5,065	4,781			12/31/2007	4,381	4,491		
06/30/2008	4,881	4,874			03/31/2008	4,387	4,486		
09/30/2008	5,991	4,969			06/30/2008	4,335	4,481		
12/31/2008	5,883	5,065			09/30/2008	4,802	4,477		
03/31/2009	5,637	5,163			12/31/2008	4,797	4,472		
06/30/2009	5,463	5,264			03/31/2009	4,887	4,468		
09/30/2009	4,745	5,366			06/30/2009	4,935	4,463		
12/31/2009	4,721	5,470	4,205		09/30/2009	4,372	4,458	4,139	
03/31/2010	4,530	5,576	4,463		12/31/2009	4,314	4,454	4,176	
06/30/2010	5,147	5,685	4,736		03/31/2010	4,303	4,449	4,214	
09/30/2010	4,226	5,795	5,026		06/30/2010	4,293	4,445	4,252	
12/31/2010	4,372	5,908	5,334		09/30/2010	4,025	4,440	4,290	
03/31/2011	5,695	6,022	5,661		12/31/2010	4,053	4,435	4,329	
06/30/2011	5,501	6,139	6,007	6,333	03/31/2011	4,173	4,431	4,368	4,146
09/30/2011	7,270	6,258	6,375	6,648	06/30/2011	4,097	4,426	4,407	4,275
12/31/2011	7,977	6,380	6,766	6,978	09/30/2011	4,518	4,422	4,447	4,408
03/31/2012	7,129	6,504	7,180	7,325	12/31/2011	4,693	4,417	4,487	4,545
06/30/2012	7,684	6,630	7,620	7,689	03/31/2012	4,681	4,412	4,527	4,686
09/30/2012	7,642	6,759	8,087	8,071	06/30/2012	4,736	4,408	4,568	4,831
Annual Rate of Change		8.0%	26.8%	21.4%			-0.4%	3.6%	13.0%

Selected Historical Annual Rate of Change: 5.0%

Selected Prospective Annual Rate of Change: 3.5%

Projected Average Date of Loss for the Period the Proposed Rates will be in Effect: 04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	Factor to Adjust From 03/31/2012 to 04/05/2014 (f)	Severity Factor (g) = (d) x (f)	Frequency x Severity Factor
09/30/2008	03/31/2008	48	1.216	24.2	1.072	1.303	1.316
09/30/2009	03/31/2009	36	1.158	24.2	1.072	1.241	1.247
09/30/2010	03/31/2010	24	1.103	24.2	1.072	1.182	1.182
09/30/2011	03/31/2011	12	1.050	24.2	1.072	1.125	1.120
09/30/2012	03/31/2012	0	1.000	24.2	1.072	1.072	1.061

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Dwelling Policy Forms
Incurred Losses Including ALAE

Statewide

Accident Year Ending 09/30	Evaluation Month: 12	24	36	48	60	72	84	96	108	120
2003	35,261,481	42,477,349	43,476,742	43,316,748	43,138,964	43,246,428	43,182,969	43,175,102	43,157,136	43,152,050
2004	34,210,908	40,047,514	40,051,701	40,047,296	40,186,240	40,387,287	40,365,380	40,370,834	40,357,980	
2005	44,168,723	50,862,082	51,322,841	51,237,153	50,914,175	50,906,626	50,867,183	50,817,725		
2006	43,699,423	50,709,531	51,387,210	50,680,646	50,306,477	50,525,735	50,641,601			
2007	52,887,863	61,174,636	62,441,405	63,535,523	63,866,962	63,941,504				
2008	60,129,701	70,014,683	70,732,197	71,121,399	70,607,430					
2009	79,316,172	90,187,052	89,106,709	89,704,633						
2010	68,685,454	77,929,536	78,578,949							
2011	100,013,692	120,069,919								
2012	71,460,383									

Accident Year Ending 09/30	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
2003	1.205	1.024	0.996	0.996	1.002	0.999	1.000	1.000	1.000
2004	1.171	1.000	1.000	1.003	1.005	0.999	1.000	1.000	
2005	1.152	1.009	0.998	0.994	1.000	0.999	0.999		
2006	1.160	1.013	0.986	0.993	1.004	1.002			
2007	1.157	1.021	1.018	1.005	1.001				
2008	1.164	1.010	1.006	0.993					
2009	1.137	0.988	1.007						
2010	1.135	1.008							
2011	1.201								

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Dwelling Policy Forms
Average Development Factors

Statewide

	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
ALL avg	1.164	1.009	1.002	0.997	1.003	1.000	1.000	1.000	1.000
All avg excluding Hi/Lo	1.163	1.010	1.001	0.996	1.003	0.999	1.000		
7 yr avg	1.158	1.007	1.002						
7 yr avg excluding Hi/Lo	1.154	1.008	1.001						
5 yr avg	1.159	1.008	1.003	0.998	1.003				
5 yr avg excluding Hi/Lo	1.153	1.011	1.004	0.997	1.003				
4 yr avg	1.159	1.007	1.004	0.996	1.003	1.000			
4 yr avg excluding Hi/Lo	1.151	1.009	1.006	0.993	1.003	0.999			
3 yr avg	1.157	1.002	1.010	0.997	1.002	1.000	1.000		
2 yr avg	1.168	0.998	1.006	0.999	1.003	1.001	1.000	1.000	
Latest	1.201	1.008	1.007	0.993	1.001	1.002	0.999	1.000	1.000
Selected LDF	1.153	1.011	1.004	0.997	1.003	1.000	1.000	1.000	1.000
	12 to Ult.	24 to Ult.	36 to Ult.	48 to Ult.	60 to Ult.	72 to Ult.	84 to Ult.	96 to Ult.	108 to Ult.
Cumulative LDF	1.167	1.013	1.002	0.998	1.002	0.999	0.999	1.000	1.000

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Tenant Policy Forms
Incurred Losses Including ALAE

Statewide

Accident Year Ending 09/30	Evaluation Month: 12	24	36	48	60	72	84	96	108	120
2003	843,016	990,380	955,714	941,366	924,566	924,566	924,566	924,566	924,566	924,566
2004	912,377	1,116,779	1,141,631	872,151	898,177	911,400	911,400	911,400	911,400	
2005	617,995	754,639	779,285	779,285	779,285	779,285	779,285	779,285		
2006	1,121,766	1,130,473	1,158,847	1,209,853	1,193,465	1,193,465	1,193,465			
2007	1,487,416	1,553,690	1,519,625	1,542,287	1,546,734	1,545,447				
2008	2,388,310	2,639,003	2,154,997	2,082,079	2,082,079					
2009	1,794,290	2,051,528	2,106,882	2,073,790						
2010	2,860,704	3,018,597	3,083,916							
2011	4,645,436	4,894,422								
2012	3,454,115									

Accident Year Ending 09/30	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
2003	1.175	0.965	0.985	0.982	1.000	1.000	1.000	1.000	1.000
2004	1.224	1.022	0.764	1.030	1.015	1.000	1.000	1.000	
2005	1.221	1.033	1.000	1.000	1.000	1.000	1.000		
2006	1.008	1.025	1.044	0.986	1.000	1.000			
2007	1.045	0.978	1.015	1.003	0.999				
2008	1.105	0.817	0.966	1.000					
2009	1.143	1.027	0.984						
2010	1.055	1.022							
2011	1.054								

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Tenant Policy Forms
Average Development Factors

Statewide

	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
ALL avg	1.114	0.986	0.965	1.000	1.003	1.000	1.000	1.000	1.000
All avg excluding Hi/Lo	1.114	1.007	0.990	0.997	1.000	1.000	1.000		
7 yr avg	1.090	0.989	0.965						
7 yr avg excluding Hi/Lo	1.080	1.015	0.990						
5 yr avg	1.080	0.974	1.002	1.004	1.003				
5 yr avg excluding Hi/Lo	1.071	1.008	1.000	1.001	1.000				
4 yr avg	1.089	0.961	1.002	0.997	1.003	1.000			
4 yr avg excluding Hi/Lo	1.080	1.000	1.000	1.000	1.000	1.000			
3 yr avg	1.084	0.955	0.988	0.996	1.000	1.000	1.000		
2 yr avg	1.054	1.024	0.975	1.001	1.000	1.000	1.000	1.000	
Latest	1.054	1.022	0.984	1.000	0.999	1.000	1.000	1.000	1.000
Selected LDF	1.071	1.008	1.000	1.001	1.000	1.000	1.000	1.000	1.000
	12 to Ult.	24 to Ult.	36 to Ult.	48 to Ult.	60 to Ult.	72 to Ult.	84 to Ult.	96 to Ult.	108 to Ult.
Cumulative LDF	1.081	1.009	1.001	1.001	1.000	1.000	1.000	1.000	1.000

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Catastrophe Losses
Explanation of Catastrophe Losses

In an effort to avoid sharp fluctuations in our rate level adjustments and maintain a degree of stability, we have given catastrophe losses a special treatment in the ratemaking process.

Hurricanes are potentially solvency threatening events whose frequency and large variation in severity make them difficult to recognize in projecting future costs for ratemaking purposes. Therefore, we believe it's necessary to separate hurricane losses from non-hurricane losses in our analysis of catastrophes.

We categorize an event as a catastrophe if the Insurance Services Office (ISO) defines it as a catastrophe. ISO defines a catastrophe as an occurrence such as a hailstorm, windstorm, tornado, hurricane, winter storm, wildfire, earthquake, etc., which results in insured property losses of $25,000,000 or more and affects a significant number of policyholders and insurers.1 Each catastrophe is accorded a serial number by ISO for identification purposes. This identification makes it possible for each insurance company to summarize the losses due to these types of occurrences in a particular year. One of our underlying assumptions in ratemaking is that past loss experience can be utilized as an indication of the future loss experience. While this is a reasonable assumption for regular property losses, we believe catastrophe losses are extraordinary events that will probably not re-occur with the same degree of frequency as regular losses. Therefore, we give such catastrophe losses special treatment.

Non-Hurricane Catastrophe Losses:

We first eliminate all catastrophe losses from the five-year experience period leaving only non-cat losses in the experience. We develop the five-year indicated non-cat loss ratio by considering only these losses. To this non-cat loss ratio, the non-hurricane Catastrophe Loss Factor is applied to produce the indicated loss ratio including non-hurricane catastrophes.

Since catastrophes are rare events, it is necessary that the computation of the catastrophe loading be based upon a long period of experience. In determining the non-hurricane Catastrophe Loss Factor, we have utilized all of the Homeowners experience from 1992 - 2011. The non-hurricane Catastrophe Loss Factor is calculated by relating the non-hurricane catastrophe losses to the non-cat losses. Page 2 of this exhibit sets forth the calculation.

Hurricane Catastrophe Losses:

The Travelers utilizes hurricane models to determine the best estimates of exposure to loss. There are two components. First there is a statistical model that simulates a set of stochastic hurricane tracks along with their intensity over time and probability of occurrence, representing more than 10,000 years of hurricane activity. Second, the Travelers' own exposure data is used when running this model to estimate the expected financial impact under this set of events. These state-of-the-art modeling techniques provide us a more comprehensive view of our hurricane risk and enable us to estimate our hurricane loss costs more accurately.

The Travelers utilizes Applied Insurance Research (AIR) for the purpose of this modeling. We run the model with standard hurricane event frequencies, with demand surge turned on and storm surge turned off.

Using the exposure distribution as of 06/30/12, the expected loss ratio due to hurricanes for Pennsylvania Homeowners is 1.7%. A modeled loss ratio is calculated as the modeled Average Annual Loss relative to written premium for the exposure distribution. This loss ratio is then multiplied by factors to incorporate ALAE and ULAE; these factors are determined by relating historical LAE dollars to historical hurricane loss dollars. Finally, the result is adjusted to current rate level. Page 3 of this exhibit sets forth the calculation. The resulting hurricane loss ratio is added to the non-cat loss ratio adjusted for non-hurricane catastrophe losses to obtain the indicated total loss ratio.

[1] $25,000,000 of property losses as the definition of catastrophe has been in effect since January 1, 1997. The previous definition of $5,000,000 of property losses was in use from January 1, 1982 to December 31, 1996. All previous catastrophes are defined as $1,000,000 or more of property losses.

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Catastrophe Losses
Dwelling, Tenant and Condominium Policy Forms
Development of Weighted Catastrophe Loss Multiplier

Calendar Year Ending 12/31	Total Incurred Losses (2)+(3)+(4)+(5)	Hurricane Losses	Earthquake Losses	Other Cat. Losses	Non-Cat. Incurred Losses
	(1)	(2)	(3)	(4)	(5)
1992	36,406,873	0	0	789,553	35,617,320
1993	44,078,383	0	0	8,234,345	35,844,038
1994	81,148,832	0	0	37,948,681	43,200,151
1995	39,172,124	0	0	3,964,249	35,207,875
1996	75,924,683	488,563	0	26,333,071	49,103,049
1997	45,875,628	80,324	0	2,941,072	42,854,232
1998	53,057,951	19,041	0	7,950,883	45,088,027
1999	56,238,370	6,489,676	0	4,753,752	44,994,942
2000	51,767,947	711,110	0	2,242,037	48,814,800
2001	45,992,149	104,867	0	3,173,212	42,714,070
2002	43,094,672	-2,518	0	2,350,033	40,747,157
2003	54,617,701	3,004,092	0	6,985,981	44,627,628
2004	49,717,534	3,925,542	0	3,839,559	41,952,433
2005	58,428,406	582,517	0	3,735,737	54,110,152
2006	55,939,395	-78,498	0	5,882,350	50,135,543
2007	69,393,792	1,345	0	4,269,935	65,122,512
2008	79,984,563	1,088,194	0	2,754,100	76,142,269
2009	96,076,153	3,834	0	5,950,736	90,121,583
2010	132,428,816	3,278	0	50,252,330	82,173,208
2011	176,647,173	22,666,066	0	34,524,441	119,456,666
20 Year Total	1,345,991,145	39,087,433	0	218,876,057	1,088,027,655

	20 Year Ratio of Total "Other Cat." Losses to Total "Non-Cat." Losses:	0.201
(6)	Ratio of Total "Other Cat." Losses to Total "Non-Cat." Losses:	0.201
(7)	Weighted Catastrophe Loss Multiplier [WCLM = 1 + (6)]:	1.201

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Catastrophe Losses

Hurricane Loss Ratio and LAE Calculation
Dwelling Policy Forms

(1)	Hurricane Incurred ALAE	11,280,523
(2)	Hurricane Incurred Losses	966,636,803
(3)	Hurricane ALAE Factor = 1.000 + [(1) / (2)]	1.012
(4)	ULAE Factor	1.121
(5)	Modeled Hurricane Loss Ratio (in force as of 06/30/2012)	0.017
(6)	Written Premium at Current Rates Factor	1.163
(7)	Hurricane Loss Ratio and LAE = (5) x (3) x (4) / (6)	0.017

Tenant Policy Forms

(1)	Hurricane Incurred ALAE	11,280,523
(2)	Hurricane Incurred Losses	966,636,803
(3)	Hurricane ALAE Factor = 1.000 + [(1) / (2)]	1.012
(4)	ULAE Factor	1.121
(5)	Modeled Hurricane Loss Ratio (in force as of 06/30/2012)	0.005
(6)	Written Premium at Current Rates Factor	1.090
(7)	Hurricane Loss Ratio and LAE = (5) x (3) x (4) / (6)	0.005

Notes
(1) Countrywide data, all programs, 1996-2011
(2) Countrywide data, all programs, 1996-2011
(4) See Exhibit 2
(5) The Modeled Hurricane Loss Ratio equals the modeled Average Annual Loss of our inforce policies divided by the written premium of those same policies.

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Average Premium Trend
Dwelling Policy Forms

Experience Period Ending	Average Premium	YOY Change
09/30/2008	1,077.90	
09/30/2009	1,069.87	-0.7%
09/30/2010	1,062.82	-0.7%
09/30/2011	1,046.25	-1.6%
09/30/2012	1,014.58	-3.0%

(1) Fitted Historical Premium Trend	-1.4%
(2) Selected Historical Premium Trend	-1.4%
(3) Selected Prospective Premium Trend:	-3.0%
(4) Average Earned Date Underlying Proposed Rates: (Effective Date = 04/05/2013)	04/05/2014
(5) Prospective Trend Period (months) (Midpoint of Experience Period to Average Earned Date)	24.1
(6) Prospective Trend Adjustment	0.940

CALCULATION OF PREMIUM TREND FACTORS

Experience Period Ending	Midpoint of Experience Period	Fitted Average Premium	Historical Trend Factor	Prospective Trend Factor	Premium Trend Factor
09/30/2008	03/31/2008	1,084.33	0.944	0.940	0.888
09/30/2009	03/31/2009	1,069.31	0.958	0.940	0.901
09/30/2010	03/31/2010	1,054.28	0.972	0.940	0.914
09/30/2011	03/31/2011	1,039.26	0.986	0.940	0.927
09/30/2012	03/31/2012	1,024.23	1.000	0.940	0.940

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Average Premium Trend
Tenant Policy Forms

Experience Period Ending	Average Premium	YOY Change
09/30/2008	181.54	
09/30/2009	175.45	-3.4%
09/30/2010	172.90	-1.5%
09/30/2011	177.45	2.6%
09/30/2012	174.53	-1.6%

(1) Fitted Historical Premium Trend	-0.7%
(2) Selected Historical Premium Trend	-0.7%
(3) Selected Prospective Premium Trend:	-1.6%
(4) Average Earned Date Underlying Proposed Rates: (Effective Date = 04/05/2013)	04/05/2014
(5) Prospective Trend Period (months) (Midpoint of Experience Period to Average Earned Date)	24.1
(6) Prospective Trend Adjustment	0.967

CALCULATION OF PREMIUM TREND FACTORS

Experience Period Ending	Midpoint of Experience Period	Fitted Average Premium	Historical Trend Factor	Prospective Trend Factor	Premium Trend Factor
09/30/2008	03/31/2008	178.78	0.973	0.967	0.942
09/30/2009	03/31/2009	177.58	0.980	0.967	0.948
09/30/2010	03/31/2010	176.37	0.987	0.967	0.954
09/30/2011	03/31/2011	175.17	0.993	0.967	0.961
09/30/2012	03/31/2012	173.97	1.000	0.967	0.967

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Trended Ultimate Losses
Dwelling Policy Forms

Accident Year Ending 9/30	2008	2009	2010	2011	2012
(1) Earned Premium	9,784,633	34,844,644	62,873,891	88,918,241	110,289,779
(2) Earned Premium at Current Rates Factor	1.515	1.498	1.470	1.358	1.212
(3) Earned Premium at Current Rates (1) x (2)	14,827,613	52,194,705	92,396,531	120,711,668	133,714,252
(4) Premium Trend Factor	0.888	0.901	0.914	0.927	0.940
(5) Trended Earned Premium at Current Rates (3) x (4)	13,162,239	47,001,609	84,405,301	111,864,188	125,703,479
(6) Incurred Losses & ALAE	6,736,574	20,799,683	30,022,773	62,905,958	37,579,369
(7) Loss Development Factor	1.002	0.998	1.002	1.013	1.167
(8) Ultimate Losses & ALAE (6) x (7)	6,748,176	20,765,632	30,078,961	63,694,792	43,861,415
(9) Unallocated Factor + 1.000	1.121	1.121	1.121	1.121	1.121
(10) Ultimate Losses & LAE (8) x (9)	7,562,020	23,270,009	33,706,544	71,376,511	49,151,189
(11) Loss Trend Factor	1.459	1.346	1.242	1.145	1.056
(12) Trended Ultimate Losses & LAE (10) x (11)	11,036,152	31,325,429	41,853,841	81,751,741	51,927,371

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Trended Ultimate Losses
Tenant Policy Forms

Accident Year Ending 9/30	2008	2009	2010	2011	2012
(1) Earned Premium	592,032	1,977,669	3,176,493	4,404,203	5,358,971
(2) Earned Premium at Current Rates Factor	1.473	1.451	1.298	1.183	1.119
(3) Earned Premium at Current Rates (1) x (2)	872,292	2,870,573	4,124,369	5,209,264	5,997,944
(4) Premium Trend Factor	0.942	0.948	0.954	0.961	0.967
(5) Trended Earned Premium at Current Rates (3) x (4)	821,270	2,720,940	3,935,809	5,004,710	5,801,376
(6) Incurred Losses & ALAE	509,498	1,083,978	2,309,007	3,562,573	2,846,774
(7) Loss Development Factor	1.000	1.001	1.001	1.009	1.081
(8) Ultimate Losses & ALAE (6) x (7)	509,498	1,085,020	2,310,615	3,594,540	3,076,979
(9) Unallocated Factor + 1.000	1.121	1.121	1.121	1.121	1.121
(10) Ultimate Losses & LAE (8) x (9)	570,944	1,215,875	2,589,279	4,028,049	3,448,069
(11) Loss Trend Factor	1.316	1.247	1.182	1.120	1.061
(12) Trended Ultimate Losses & LAE (10) x (11)	751,375	1,516,251	3,059,709	4,510,401	3,658,605

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Development of: Variable Permissible Loss Ratio
and Permissible Loss Ratio

Fixed Expense	
Other Acquisition and General Expenses	9.7%
Variable Expense	
Commissions	19.4%
Taxes, Licenses and Fees	2.2%
Total Variable Expense	21.6%
Profit Margin	11.1%
Total Variable Expense and Profit Margin	32.7%
Variable Permissible Loss Ratio = (100% minus above row)	67.3%
Total Fixed Expense, Variable Expense and Profit Margin	42.5%
Total Permissible Loss Ratio = (100% minus above row)	57.5%
Total	100.0%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Property Indication
Dwelling Policy Forms

AY Ending 09/30	Earned House Years (1)	Trended EPCR (2)	Ultimate Trended L &LAE (3)	Incurred Claim Count (4)	AY Weights (5)	Rate Level Loss Ratio (6)=(3)/(2)
2008	13,756	13,162,239	11,036,152	562	0.03	0.838
2009	48,786	47,001,609	31,325,429	2,405	0.13	0.666
2010	86,936	84,405,301	41,853,841	3,843	0.22	0.496
2011	115,375	111,864,188	81,751,741	6,641	0.29	0.731
2012	131,793	125,703,479	51,927,371	4,432	0.33	0.413

(7)	Weighted Rate Level Loss Ratio	0.569
(8)	Non-Hurricane Cat. Adjusted Loss Ratio = (7) x WCLM	0.684
(9)	Hurricane Loss Ratio and LAE	0.017
(10)	Hurricane Provision	0.033
(11)	Total Cat. Adjusted Loss Ratio = (8) + (9) + (10)	0.734
(12)	State Credibility= [(1)/18,750]^ 0.5, Cap result at 1.00	1.00
(13)	Trended Total Permissible Loss Ratio	0.607
(14)	Credibility Weighted Rate Level Total Loss Ratio	0.734
(15)	Variable Permissible Loss Ratio	0.673
(16)	Credibility Weighted Indicated Rate Level Change = [(14) + (FE)] /(15)-1	23.52%
(17)	Proposed Premium Level Change	9.51%

NOTE: FE = Fixed Expense

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Property Indication
Tenant Policy Forms

AY Ending 09/30	Earned House Years (1)	Trended EPCR (2)	Ultimate Trended L &LAE (3)	Incurred Claim Count (4)	AY Weights (5)	Rate Level Loss Ratio (6)=(3)/(2)
2008	4,805	821,270	751,375	89	0.03	0.915
2009	16,361	2,720,940	1,516,251	222	0.13	0.557
2010	23,854	3,935,809	3,059,709	339	0.22	0.777
2011	29,356	5,004,710	4,510,401	406	0.29	0.901
2012	34,366	5,801,376	3,658,605	388	0.33	0.631

(7)	Weighted Rate Level Loss Ratio	0.740
(8)	Non-Hurricane Cat. Adjusted Loss Ratio = (7) x WCLM	0.889
(9)	Hurricane Loss Ratio and LAE	0.005
(10)	Hurricane Provision	0.007
(11)	Total Cat. Adjusted Loss Ratio = (8) + (9) + (10)	0.901
(12)	State Credibility= [(1)/3,750]^ 0.5, Cap result at 1.00	1.00
(13)	Trended Total Permissible Loss Ratio	0.602
(14)	Credibility Weighted Rate Level Total Loss Ratio	0.901
(15)	Variable Permissible Loss Ratio	0.673
(16)	Credibility Weighted Indicated Rate Level Change = [(14) + (FE)] /(15)-1	48.45%
(17)	Proposed Premium Level Change	9.38%

NOTE: FE = Fixed Expense

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Estimated Investment Earnings

		Homeowners
A.	Unearned Premium Reserve	
	1. Direct Earned Premium	102,160,057
	2. Direct Mean Unearned Premium Reserve (see Page 3)	55,641,145
	3. Deduction for Prepaid Expenses	
	(a) Commissions	0.2040
	(b) Taxes, Licenses, and Fees	0.0224
	(c) Other Acquisition (50%)	0.0166
	(d) General (50%)	0.0320
	(e) Total	0.2750
	4. Deduction for Federal Taxes (see Page 3)	871,120
	5. Deduction for Prepaid Expenses in dollars = A2 x A3(e)	15,300,425
	6. Net Subject to Investment = A2 - A4 - A5	39,469,600
B.	Delayed Remission of Premium	
	1. Average Agent's Balance (see Page 3)	24.3%
	2. Amount of Deduction = A1 x B1	24,824,894
C.	Loss + LAE Reserve	
	1. Direct Earned Premium = A1	102,160,057
	2. Permissible Incurred Loss + LAE (see Exhibit 8)	
	0.5654 x C1	57,765,140
	3. Expected Mean Loss + LAE Reserve (see Page 4)	
	0.4235 x C2	24,464,044
	4. Deduction for Federal Taxes (see Page 5)	173,894
	5. Loss and Reserve Subject to Investment = C3 - C4	24,290,150
D.	Policyholder Surplus (see Page 6, item I.6)	94,593,000
E.	Net Subject to Investment = A6 - B2 + C5 + D	133,527,856
F.	Average Rate of Return (see Page 6, item II.4)	4.4%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Estimated Investment Earnings

		Homeowners
G.	Projected Investment Earnings = E x F	5,875,226
H.	Before Tax Return on Earned Premium = G /A1	5.8%
I.	Federal Income Tax Provision (see Page 6, item III.10)	13.6%
J.	After-Tax Return on Earned Premium = H x (100% - I)	5.0%
K.	After-Tax Target Return on Earned Premium (see Page 6, item I.8)	13.9%
L.	After-Tax Target Underwriting Profit (% of EP) = K - J	8.9%
M.	Before-Tax Target Underwriting Profit (% of EP) = L / 0.65 *(Assuming a tax rate of 35%)*	13.7%
N.	Selected Before-Tax Target Underwriting Profit	11.1%

The Surplus Allocation exhibit requires a 13.9% return on earned premium from underwriting and investment activities.
Since the after-tax return on homeowners earned premium from investment income is 5.0%, the difference of 8.9% is the projected underwriting after-tax gain. Assuming a tax rate of 35%, the before-tax underwriting profit is 13.7% as a percentage of earned premium.

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Explanatory Notes of Calculation of Investment Income Adjustment Factors

A. Unearned Premium Reserve

1. Direct Earned Premium from page 14 of the annual statement for the calendar-year 2011.

2. Direct Mean Unearned Premium Reserve	Homeowners
a. Direct unearned premium reserve as of 12/10	49,418,859
b. Direct unearned premium reserve as of 12/11	61,863,430
c. Direct mean unearned premium reserve (a + b)/2	55,641,145

3. Deduction for Prepaid Expenses: Production costs and a large part of the other company expenses in connection with the writing and handling of insurance policies, exclusive of claim adjustment expense, are incurred when the policy is written and before the premium is paid. Therefore, the deduction for these expenses is determined by use of the provisions for expenses used in our ratemaking procedures, as shown.

4. Revenue Offset: The Internal Revenue Code allows only 80% of the change in unearned premium reserve as a deduction. The limitation of the deduction is accomplished through an adjustment to statutory income whereby 20% of the unearned premium reserve change is added to statutory income for tax purposes.

a. Homeowners: .35 x .20 (61,863,430 - 49,418,859) = 871,120

B. Delayed Remission of Premium

1. Average Uncollected Balance: The ratio used is the countrywide mean premium and agents' balance in the course of collection as a percentage of earned premium. (Source: Annual Statement)

	2009	2010	2011	Total
Premiums and agents' balance	1,044,724,603	1,061,941,376	1,136,761,239	3,243,427,218
Premiums, agents' balances, and installments booked but deferred and not yet due	3,824,719,200	3,896,953,834	4,029,844,872	11,751,517,906
Total	4,869,443,803	4,958,895,210	5,166,606,111	14,994,945,124
Earned Premium	20,385,737,486	20,345,047,670	21,045,057,831	61,775,842,987
Ratio	23.9%	24.4%	24.6%	24.3%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Explanatory Notes of Calculation of Investment Income Adjustment Factors

C. Loss and LAE Reserve: Determined by multiplying the expected incurred Loss + LAE by the ratio of the net mean Loss and LAE reserve to the net incurred Loss + LAE. This countrywide ratio is determined as follows:

3. Expected Mean Loss + LAE Reserve Ratio:

	2009	2010	2011	Average
a. Net Paid Loss + LAE	1,690,875,539	1,921,297,917	2,917,998,008	
b. Net Loss + LAE Reserve as of end of prior year	887,158,750	796,965,383	927,755,750	
c. Net Loss + LAE Reserve as of end of year	796,965,383	927,755,750	1,032,069,897	
d. Net Incurred Loss + LAE = a - b + c	1,600,682,172	2,052,088,284	3,022,312,155	
e. Net Mean Loss + LAE Reserve = (b + c) / 2	842,062,067	862,360,567	979,912,824	
f. Reserve Ratio = e / d	0.5261	0.4202	0.3242	0.4235

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Deduction for Federal Taxes Payable on Loss Reserves

Homeowners (Countrywide)

	Statutory Reserves (Undiscounted)		Tax Reserves (Discounted)	
	2010	2011	2010	2011
Year of Loss				
2000 & Prior	3,453,702	4,154,308	3,292,403	4,015,630
2001	1,634,434	470,008	1,456,689	431,212
2002	1,895,612	1,285,590	1,650,587	1,192,463
2003	2,986,399	1,999,284	2,682,205	1,758,971
2004	4,343,330	2,979,198	3,833,319	2,698,194
2005	36,428,791	35,208,086	32,528,306	31,503,539
2006	12,150,198	6,341,368	10,613,869	5,695,107
2007	26,519,661	16,151,124	23,916,539	14,520,329
2008	86,784,092	44,199,100	78,331,208	39,843,528
2009	139,081,381	63,279,562	125,269,621	57,135,770
2010	673,279,138	158,805,955	630,377,001	144,017,431
2011		763,607,994		719,739,924
Total	988,556,739	1,098,481,577	913,951,748	1,022,552,099

	2010	2011
Ratio of Discounted to Statutory Reserves:	0.9245	0.9309

Pennsylvania Homeowners Loss + ALAE Reserve as of 12/10 x (1+ULAE) = 20,899,950
18,644,023 x 1.121

Pennsylvania Homeowners Loss + ALAE Reserve as of 12/11 x (1+ULAE) = 30,025,846
26,784,876 x 1.121

Deduction for Federal Taxes Payable = 173,894
.35 x [30,025,846 - 20,899,950 - (30,025,846 x 0.9309) + (20,899,950 x 0.9245)]

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors

I. Surplus Allocation

	2009	2010	2011
1. Year End Property Casualty Policyholder Surplus	22,537,881,673	19,510,628,060	18,586,650,960
2. Direct Written Premium	21,409,548,233	21,541,288,707	22,206,993,630
3. Premium to Surplus Ratio	0.95	1.10	1.19
4. Three Year Average			1.08
5. Earned Premium			102,160,057
6. Allocated Equity			94,593,000
7. Target Return on Equity			15.0%
8. Return on Earned Premium			13.9%

II. Average Rate of Return

The average rate of return is based on the three year average ratio of net investment income to invested assets.
Source: Annual Statement

	2009	2010	2011	Total
1. Net Investment Income Earned	2,891,400,227	3,211,248,419	2,749,874,457	8,852,523,103
2. Net Realized Capital Gains	(260,109,058)	(146,038,854)	13,192,798	(392,955,114)
3. Invested Assets	65,839,247,614	64,670,591,711	62,801,070,216	193,310,909,541
4. Ratio	4.0%	4.7%	4.4%	4.4%

III. Federal Income Tax Provision

Detailed below is the calculation of the federal income tax rate on net investment income earned for The Travelers Property Casualty Corp. for 2011

	(In Thousands)
1. Statutory net investment income	3,753,882
2. Dividends from Affiliates	(997,280)
3. Tax exempt interest	(1,486,899)
4. 70% Dividends received deduction	(9,336)
5. 42% Dividends received deduction	(1,845)
6. 15% Proration adj. on TEI	224,491
7. Other Adjustments	(23,134)
8. Taxable net investment income (1+2+3+4+5+6+7)	1,459,879
9. Tax on net investment income (8 x .35)	510,958
10. FIT rate on NII (9 / 1)	13.6%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Statewide Indication

All Price Tracks Combined

Policy Forms	Year Ending 09/30/2012 EPCR	Indicated Rate Level Change
Dwelling	11,656,513	9.50%
Tenant	611,376	32.46%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Unallocated Loss Adjustment Expense

Calendar Year	Paid ULAE	Paid Losses and ALAE	Ratio
2009	$186,044,925	$1,504,830,614	0.124
2010	$220,855,726	$1,700,442,898	0.130
2011	$263,868,942	$2,654,129,066	0.099
Selected			0.121

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Frequency Trend
Dwelling Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	4.31	4.22			09/30/2007	4.59	4.35		
03/31/2008	4.46	4.26			12/31/2007	4.43	4.39		
06/30/2008	4.37	4.30			03/31/2008	4.55	4.43		
09/30/2008	4.20	4.33			06/30/2008	4.50	4.47		
12/31/2008	4.14	4.37			09/30/2008	4.38	4.52		
03/31/2009	4.16	4.41			12/31/2008	4.37	4.56		
06/30/2009	4.38	4.45			03/31/2009	4.39	4.61		
09/30/2009	4.53	4.50			06/30/2009	4.50	4.65		
12/31/2009	4.66	4.54	4.63		09/30/2009	4.64	4.70	4.72	
03/31/2010	4.47	4.58	4.66		12/31/2009	4.76	4.74	4.77	
06/30/2010	4.64	4.62	4.69		03/31/2010	4.78	4.79	4.81	
09/30/2010	4.50	4.66	4.72		06/30/2010	4.87	4.84	4.86	
12/31/2010	4.50	4.71	4.75		09/30/2010	4.85	4.88	4.91	
03/31/2011	4.77	4.75	4.78		12/31/2010	4.92	4.93	4.96	
06/30/2011	5.04	4.79	4.81	5.54	03/31/2011	5.02	4.98	5.00	5.23
09/30/2011	5.43	4.84	4.85	5.32	06/30/2011	5.17	5.03	5.05	5.21
12/31/2011	5.59	4.88	4.88	5.12	09/30/2011	5.38	5.08	5.10	5.18
03/31/2012	5.26	4.92	4.91	4.92	12/31/2011	5.44	5.13	5.15	5.15
06/30/2012	4.71	4.97	4.94	4.72	03/31/2012	5.19	5.18	5.20	5.12
09/30/2012	4.20	5.02	4.98	4.54	06/30/2012	4.81	5.23	5.25	5.09
Annual Rate of Change		3.7%	2.7%	-14.8%			4.0%	4.0%	-2.1%

Selected Historical Annual Rate of Change	3.7%
Selected Prospective Annual Rate of Change	0.0%
Projected Average Date of Loss for the Period the Proposed Rates will be in Effect	04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	Factor to Adjust From 03/31/2012 to 04/05/2014 (f)	Frequency Factor (g) = (d) x (f)
09/30/2008	03/31/2008	48	1.157	24.2	1.000	1.157
09/30/2009	03/31/2009	36	1.116	24.2	1.000	1.116
09/30/2010	03/31/2010	24	1.076	24.2	1.000	1.076
09/30/2011	03/31/2011	12	1.037	24.2	1.000	1.037
09/30/2012	03/31/2012	0	1.000	24.2	1.000	1.000

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Severity Trend
Dwelling Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	6,593	7,074			09/30/2007	6,472	6,535		
03/31/2008	6,832	7,153			12/31/2007	6,495	6,607		
06/30/2008	7,089	7,232			03/31/2008	6,511	6,680		
09/30/2008	7,207	7,313			06/30/2008	6,616	6,754		
12/31/2008	7,734	7,394			09/30/2008	6,770	6,829		
03/31/2009	8,055	7,477			12/31/2008	7,027	6,904		
06/30/2009	8,174	7,560			03/31/2009	7,215	6,980		
09/30/2009	8,260	7,644			06/30/2009	7,330	7,057		
12/31/2009	8,090	7,729	7,579		09/30/2009	7,398	7,135	7,213	
03/31/2010	8,030	7,816	7,677		12/31/2009	7,321	7,214	7,278	
06/30/2010	7,741	7,903	7,775		03/31/2010	7,282	7,293	7,343	
09/30/2010	7,985	7,991	7,875		06/30/2010	7,231	7,374	7,408	
12/31/2010	7,646	8,080	7,976		09/30/2010	7,372	7,455	7,474	
03/31/2011	7,450	8,170	8,079		12/31/2010	7,473	7,537	7,541	
06/30/2011	7,646	8,261	8,183	7,661	03/31/2011	7,608	7,621	7,608	7,662
09/30/2011	7,869	8,353	8,288	7,968	06/30/2011	7,797	7,705	7,676	7,721
12/31/2011	8,353	8,446	8,394	8,288	09/30/2011	7,811	7,790	7,745	7,781
03/31/2012	8,710	8,540	8,502	8,621	12/31/2011	7,791	7,876	7,814	7,841
06/30/2012	9,110	8,635	8,611	8,967	03/31/2012	7,881	7,963	7,884	7,902
09/30/2012	9,148	8,731	8,722	9,327	06/30/2012	7,982	8,051	7,955	7,963
Annual Rate of Change		4.5%	5.2%	17.1%			4.5%	3.6%	3.1%

Selected Historical Annual Rate of Change: 4.5%

Selected Prospective Annual Rate of Change: 5.3%

Projected Average Date of Loss for the Period the Proposed Rates will be in Effect: 04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	Factor to Adjust From 03/31/2012 to 04/05/2014 (f)	Severity Factor (g) = (d) x (f)	Frequency x Severity Factor
09/30/2008	03/31/2008	48	1.194	24.2	1.110	1.325	1.533
09/30/2009	03/31/2009	36	1.142	24.2	1.110	1.268	1.414
09/30/2010	03/31/2010	24	1.093	24.2	1.110	1.213	1.304
09/30/2011	03/31/2011	12	1.045	24.2	1.110	1.160	1.203
09/30/2012	03/31/2012	0	1.000	24.2	1.110	1.110	1.110

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Frequency Trend
Tenant Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	1.09	1.14			09/30/2007	1.39	1.36		
03/31/2008	1.07	1.14			12/31/2007	1.36	1.36		
06/30/2008	1.06	1.14			03/31/2008	1.35	1.37		
09/30/2008	1.18	1.15			06/30/2008	1.33	1.37		
12/31/2008	1.23	1.15			09/30/2008	1.41	1.38		
03/31/2009	1.28	1.15			12/31/2008	1.43	1.39		
06/30/2009	1.25	1.15			03/31/2009	1.45	1.39		
09/30/2009	1.15	1.15			06/30/2009	1.45	1.40		
12/31/2009	1.07	1.15	1.13		09/30/2009	1.40	1.40	1.35	
03/31/2010	1.09	1.15	1.13		12/31/2009	1.37	1.41	1.37	
06/30/2010	1.16	1.16	1.14		03/31/2010	1.36	1.41	1.38	
09/30/2010	1.18	1.16	1.14		06/30/2010	1.36	1.42	1.39	
12/31/2010	1.25	1.16	1.14		09/30/2010	1.38	1.43	1.40	
03/31/2011	1.17	1.16	1.15		12/31/2010	1.40	1.43	1.42	
06/30/2011	1.14	1.16	1.15	1.14	03/31/2011	1.42	1.44	1.43	1.45
09/30/2011	1.16	1.16	1.16	1.15	06/30/2011	1.46	1.44	1.44	1.46
12/31/2011	1.13	1.16	1.16	1.15	09/30/2011	1.48	1.45	1.46	1.47
03/31/2012	1.16	1.17	1.16	1.15	12/31/2011	1.52	1.46	1.47	1.48
06/30/2012	1.13	1.17	1.17	1.15	03/31/2012	1.49	1.46	1.48	1.49
09/30/2012	1.17	1.17	1.17	1.16	06/30/2012	1.46	1.47	1.50	1.50
Annual Rate of Change		0.5%	1.3%	0.9%			1.7%	3.8%	2.7%

Selected Historical Annual Rate of Change: 0.5%

Selected Prospective Annual Rate of Change: 0.5%

Projected Average Date of Loss for the Period the Proposed Rates will be in Effect: 04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	Factor to Adjust From 03/31/2012 to 04/05/2014 (f)	Frequency Factor (g) = (d) x (f)
09/30/2008	03/31/2008	48	1.020	24.2	1.010	1.031
09/30/2009	03/31/2009	36	1.015	24.2	1.010	1.026
09/30/2010	03/31/2010	24	1.010	24.2	1.010	1.020
09/30/2011	03/31/2011	12	1.005	24.2	1.010	1.015
09/30/2012	03/31/2012	0	1.000	24.2	1.010	1.010

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Trend
Severity Trend
Tenant Policy Forms
Exponential Fit

Calendar Year Ending	Travelers Statewide Total Limits				Calendar Year Ending	Industry Fastrack Statewide Total Limits			
	Actual	20 PT	12 PT	6 PT		Actual	20 PT	12 PT	6 PT
12/31/2007	5,202	4,690			09/30/2007	4,415	4,495		
03/31/2008	5,065	4,781			12/31/2007	4,381	4,491		
06/30/2008	4,881	4,874			03/31/2008	4,387	4,486		
09/30/2008	5,991	4,969			06/30/2008	4,335	4,481		
12/31/2008	5,883	5,065			09/30/2008	4,802	4,477		
03/31/2009	5,637	5,163			12/31/2008	4,797	4,472		
06/30/2009	5,463	5,264			03/31/2009	4,887	4,468		
09/30/2009	4,745	5,366			06/30/2009	4,935	4,463		
12/31/2009	4,721	5,470	4,205		09/30/2009	4,372	4,458	4,139	
03/31/2010	4,530	5,576	4,463		12/31/2009	4,314	4,454	4,176	
06/30/2010	5,147	5,685	4,736		03/31/2010	4,303	4,449	4,214	
09/30/2010	4,226	5,795	5,026		06/30/2010	4,293	4,445	4,252	
12/31/2010	4,372	5,908	5,334		09/30/2010	4,025	4,440	4,290	
03/31/2011	5,695	6,022	5,661		12/31/2010	4,053	4,435	4,329	
06/30/2011	5,501	6,139	6,007	6,333	03/31/2011	4,173	4,431	4,368	4,146
09/30/2011	7,270	6,258	6,375	6,648	06/30/2011	4,097	4,426	4,407	4,275
12/31/2011	7,977	6,380	6,766	6,978	09/30/2011	4,518	4,422	4,447	4,408
03/31/2012	7,129	6,504	7,180	7,325	12/31/2011	4,693	4,417	4,487	4,545
06/30/2012	7,684	6,630	7,620	7,689	03/31/2012	4,681	4,412	4,527	4,686
09/30/2012	7,642	6,759	8,087	8,071	06/30/2012	4,736	4,408	4,568	4,831
Annual Rate of Change		8.0%	26.8%	21.4%			-0.4%	3.6%	13.0%

Selected Historical Annual Rate of Change: 5.0%

Selected Prospective Annual Rate of Change: 5.0%

Projected Average Date of Loss for the Period the Proposed Rates will be in Effect: 04/05/2014

Factors To Adjust Data Based on a 04/05/2013 Effective Date

Experience Period Ending (a)	Midpoint of Experience Period (b)	Historical Trend Period (months) (c)	Factor to Adjust to 03/31/2012 (d)	Prospective Trend Period (months) (e)	Factor to Adjust From 03/31/2012 to 04/05/2014 (f)	Severity Factor (g) = (d) x (f)	Frequency x Severity Factor
09/30/2008	03/31/2008	48	1.216	24.2	1.103	1.341	1.382
09/30/2009	03/31/2009	36	1.158	24.2	1.103	1.277	1.310
09/30/2010	03/31/2010	24	1.103	24.2	1.103	1.216	1.241
09/30/2011	03/31/2011	12	1.050	24.2	1.103	1.159	1.176
09/30/2012	03/31/2012	0	1.000	24.2	1.103	1.103	1.115

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Dwelling Policy Forms
Incurred Losses Including ALAE

Statewide

Accident Year Ending 09/30	Evaluation Month: 12	24	36	48	60	72	84	96	108	120
2003	35,261,481	42,477,349	43,476,742	43,316,748	43,138,964	43,246,428	43,182,969	43,175,102	43,157,136	43,152,050
2004	34,210,908	40,047,514	40,051,701	40,047,296	40,186,240	40,387,287	40,365,380	40,370,834	40,357,980	
2005	44,168,723	50,862,082	51,322,841	51,237,153	50,914,175	50,906,626	50,867,183	50,817,725		
2006	43,699,423	50,709,531	51,387,210	50,680,646	50,306,477	50,525,735	50,641,601			
2007	52,887,863	61,174,636	62,441,405	63,535,523	63,866,962	63,941,504				
2008	60,129,701	70,014,683	70,732,197	71,121,399	70,607,430					
2009	79,316,172	90,187,052	89,106,709	89,704,633						
2010	68,685,454	77,929,536	78,578,949							
2011	100,013,692	120,069,919								
2012	71,460,383									

Accident Year Ending 09/30	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
2003	1.205	1.024	0.996	0.996	1.002	0.999	1.000	1.000	1.000
2004	1.171	1.000	1.000	1.003	1.005	0.999	1.000	1.000	
2005	1.152	1.009	0.998	0.994	1.000	0.999	0.999		
2006	1.160	1.013	0.986	0.993	1.004	1.002			
2007	1.157	1.021	1.018	1.005	1.001				
2008	1.164	1.010	1.006	0.993					
2009	1.137	0.988	1.007						
2010	1.135	1.008							
2011	1.201								

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Dwelling Policy Forms
Average Development Factors

Statewide

	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
ALL avg	1.164	1.009	1.002	0.997	1.003	1.000	1.000	1.000	1.000
All avg excluding Hi/Lo	1.163	1.010	1.001	0.996	1.003	0.999	1.000		
7 yr avg	1.158	1.007	1.002						
7 yr avg excluding Hi/Lo	1.154	1.008	1.001						
5 yr avg	1.159	1.008	1.003	0.998	1.003				
5 yr avg excluding Hi/Lo	1.153	1.011	1.004	0.997	1.003				
4 yr avg	1.159	1.007	1.004	0.996	1.003	1.000			
4 yr avg excluding Hi/Lo	1.151	1.009	1.006	0.993	1.003	0.999			
3 yr avg	1.157	1.002	1.010	0.997	1.002	1.000	1.000		
2 yr avg	1.168	0.998	1.006	0.999	1.003	1.001	1.000	1.000	
Latest	1.201	1.008	1.007	0.993	1.001	1.002	0.999	1.000	1.000
Selected LDF	1.153	1.011	1.004	0.997	1.003	1.000	1.000	1.000	1.000
	12 to Ult.	24 to Ult.	36 to Ult.	48 to Ult.	60 to Ult.	72 to Ult.	84 to Ult.	96 to Ult.	108 to Ult.
Cumulative LDF	1.167	1.013	1.002	0.998	1.002	0.999	0.999	1.000	1.000

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Tenant Policy Forms
Incurred Losses Including ALAE

Statewide

Accident Year Ending 09/30	Evaluation Month: 12	24	36	48	60	72	84	96	108	120
2003	843,016	990,380	955,714	941,366	924,566	924,566	924,566	924,566	924,566	924,566
2004	912,377	1,116,779	1,141,631	872,151	898,177	911,400	911,400	911,400	911,400	
2005	617,995	754,639	779,285	779,285	779,285	779,285	779,285	779,285		
2006	1,121,766	1,130,473	1,158,847	1,209,853	1,193,465	1,193,465	1,193,465			
2007	1,487,416	1,553,690	1,519,625	1,542,287	1,546,734	1,545,447				
2008	2,388,310	2,639,003	2,154,997	2,082,079	2,082,079					
2009	1,794,290	2,051,528	2,106,882	2,073,790						
2010	2,860,704	3,018,597	3,083,916							
2011	4,645,436	4,894,422								
2012	3,454,115									

Accident Year Ending 09/30	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
2003	1.175	0.965	0.985	0.982	1.000	1.000	1.000	1.000	1.000
2004	1.224	1.022	0.764	1.030	1.015	1.000	1.000	1.000	
2005	1.221	1.033	1.000	1.000	1.000	1.000	1.000		
2006	1.008	1.025	1.044	0.986	1.000	1.000			
2007	1.045	0.978	1.015	1.003	0.999				
2008	1.105	0.817	0.966	1.000					
2009	1.143	1.027	0.984						
2010	1.055	1.022							
2011	1.054								

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Loss Development
Tenant Policy Forms
Average Development Factors

Statewide

	Development Period: 12 to 24	24 to 36	36 to 48	48 to 60	60 to 72	72 to 84	84 to 96	96 to 108	108 to 120
ALL avg	1.114	0.986	0.965	1.000	1.003	1.000	1.000	1.000	1.000
All avg excluding Hi/Lo	1.114	1.007	0.990	0.997	1.000	1.000	1.000		
7 yr avg	1.090	0.989	0.965						
7 yr avg excluding Hi/Lo	1.080	1.015	0.990						
5 yr avg	1.080	0.974	1.002	1.004	1.003				
5 yr avg excluding Hi/Lo	1.071	1.008	1.000	1.001	1.000				
4 yr avg	1.089	0.961	1.002	0.997	1.003	1.000			
4 yr avg excluding Hi/Lo	1.080	1.000	1.000	1.000	1.000	1.000			
3 yr avg	1.084	0.955	0.988	0.996	1.000	1.000	1.000		
2 yr avg	1.054	1.024	0.975	1.001	1.000	1.000	1.000	1.000	
Latest	1.054	1.022	0.984	1.000	0.999	1.000	1.000	1.000	1.000
Selected LDF	1.071	1.008	1.000	1.001	1.000	1.000	1.000	1.000	1.000
	12 to Ult.	24 to Ult.	36 to Ult.	48 to Ult.	60 to Ult.	72 to Ult.	84 to Ult.	96 to Ult.	108 to Ult.
Cumulative LDF	1.081	1.009	1.001	1.001	1.000	1.000	1.000	1.000	1.000

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Catastrophe Losses
Explanation of Catastrophe Losses

In an effort to avoid sharp fluctuations in our rate level adjustments and maintain a degree of stability, we have given catastrophe losses a special treatment in the ratemaking process.

Hurricanes are potentially solvency threatening events whose frequency and large variation in severity make them difficult to recognize in projecting future costs for ratemaking purposes. Therefore, we believe it's necessary to separate hurricane losses from non-hurricane losses in our analysis of catastrophes.

We categorize an event as a catastrophe if the Insurance Services Office (ISO) defines it as a catastrophe. ISO defines a catastrophe as an occurrence such as a hailstorm, windstorm, tornado, hurricane, winter storm, wildfire, earthquake, etc., which results in insured property losses of $25,000,000 or more and affects a significant number of policyholders and insurers.1 Each catastrophe is accorded a serial number by ISO for identification purposes. This identification makes it possible for each insurance company to summarize the losses due to these types of occurrences in a particular year. One of our underlying assumptions in ratemaking is that past loss experience can be utilized as an indication of the future loss experience. While this is a reasonable assumption for regular property losses, we believe catastrophe losses are extraordinary events that will probably not re-occur with the same degree of frequency as regular losses. Therefore, we give such catastrophe losses special treatment.

Non-Hurricane Catastrophe Losses:

We first eliminate all catastrophe losses from the five-year experience period leaving only non-cat losses in the experience. We develop the five-year indicated non-cat loss ratio by considering only these losses. To this non-cat loss ratio, the non-hurricane Catastrophe Loss Factor is applied to produce the indicated loss ratio including non-hurricane catastrophes.

Since catastrophes are rare events, it is necessary that the computation of the catastrophe loading be based upon a long period of experience. In determining the non-hurricane Catastrophe Loss Factor, we have utilized all of the Homeowners experience from 1992 - 2011. The non-hurricane Catastrophe Loss Factor is calculated by relating the non-hurricane catastrophe losses to the non-cat losses. Page 2 of this exhibit sets forth the calculation.

Hurricane Catastrophe Losses:

The Travelers utilizes hurricane models to determine the best estimates of exposure to loss. There are two components. First there is a statistical model that simulates a set of stochastic hurricane tracks along with their intensity over time and probability of occurrence, representing more than 10,000 years of hurricane activity. Second, the Travelers' own exposure data is used when running this model to estimate the expected financial impact under this set of events. These state-of-the-art modeling techniques provide us a more comprehensive view of our hurricane risk and enable us to estimate our hurricane loss costs more accurately.

The Travelers utilizes Applied Insurance Research (AIR) for the purpose of this modeling. We run the model with standard hurricane event frequencies, with demand surge turned on and storm surge turned off.

Using the exposure distribution as of 06/30/12, the expected loss ratio due to hurricanes for Pennsylvania Homeowners is 1.7%. A modeled loss ratio is calculated as the modeled Average Annual Loss relative to written premium for the exposure distribution. This loss ratio is then multiplied by factors to incorporate ALAE and ULAE; these factors are determined by relating historical LAE dollars to historical hurricane loss dollars. Finally, the result is adjusted to current rate level. Page 3 of this exhibit sets forth the calculation. The resulting hurricane loss ratio is added to the non-cat loss ratio adjusted for non-hurricane catastrophe losses to obtain the indicated total loss ratio.

[1] $25,000,000 of property losses as the definition of catastrophe has been in effect since January 1, 1997. The previous definition of $5,000,000 of property losses was in use from January 1, 1982 to December 31, 1996. All previous catastrophes are defined as $1,000,000 or more of property losses.

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Catastrophe Losses
Dwelling, Tenant and Condominium Policy Forms
Development of Weighted Catastrophe Loss Multiplier

Calendar Year Ending 12/31	Total Incurred Losses (2)+(3)+(4)+(5)	Hurricane Losses	Earthquake Losses	Other Cat. Losses	Non-Cat. Incurred Losses
	(1)	(2)	(3)	(4)	(5)
1992	36,406,873	0	0	789,553	35,617,320
1993	44,078,383	0	0	8,234,345	35,844,038
1994	81,148,832	0	0	37,948,681	43,200,151
1995	39,172,124	0	0	3,964,249	35,207,875
1996	75,924,683	488,563	0	26,333,071	49,103,049
1997	45,875,628	80,324	0	2,941,072	42,854,232
1998	53,057,951	19,041	0	7,950,883	45,088,027
1999	56,238,370	6,489,676	0	4,753,752	44,994,942
2000	51,767,947	711,110	0	2,242,037	48,814,800
2001	45,992,149	104,867	0	3,173,212	42,714,070
2002	43,094,672	-2,518	0	2,350,033	40,747,157
2003	54,617,701	3,004,092	0	6,985,981	44,627,628
2004	49,717,534	3,925,542	0	3,839,559	41,952,433
2005	58,428,406	582,517	0	3,735,737	54,110,152
2006	55,939,395	-78,498	0	5,882,350	50,135,543
2007	69,393,792	1,345	0	4,269,935	65,122,512
2008	79,984,563	1,088,194	0	2,754,100	76,142,269
2009	96,076,153	3,834	0	5,950,736	90,121,583
2010	132,428,816	3,278	0	50,252,330	82,173,208
2011	176,647,173	22,666,066	0	34,524,441	119,456,666
20 Year Total	1,345,991,145	39,087,433	0	218,876,057	1,088,027,655

	20 Year Ratio of Total "Other Cat." Losses to Total "Non-Cat." Losses:	0.201
(6)	Ratio of Total "Other Cat." Losses to Total "Non-Cat." Losses:	0.201
(7)	Weighted Catastrophe Loss Multiplier [WCLM = 1 + (6)]:	1.201

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Catastrophe Losses

Hurricane Loss Ratio and LAE Calculation
Dwelling Policy Forms

(1)	Hurricane Incurred ALAE	11,280,523
(2)	Hurricane Incurred Losses	966,636,803
(3)	Hurricane ALAE Factor = 1.000 + [(1) / (2)]	1.012
(4)	ULAE Factor	1.121
(5)	Modeled Hurricane Loss Ratio (in force as of 06/30/2012)	0.017
(6)	Written Premium at Current Rates Factor	1.163
(7)	Hurricane Loss Ratio and LAE = (5) x (3) x (4) / (6)	0.017

Tenant Policy Forms

(1)	Hurricane Incurred ALAE	11,280,523
(2)	Hurricane Incurred Losses	966,636,803
(3)	Hurricane ALAE Factor = 1.000 + [(1) / (2)]	1.012
(4)	ULAE Factor	1.121
(5)	Modeled Hurricane Loss Ratio (in force as of 06/30/2012)	0.005
(6)	Written Premium at Current Rates Factor	1.090
(7)	Hurricane Loss Ratio and LAE = (5) x (3) x (4) / (6)	0.005

Notes
(1) Countrywide data, all programs, 1996-2011
(2) Countrywide data, all programs, 1996-2011
(4) See Exhibit 12
(5) The Modeled Hurricane Loss Ratio equals the modeled Average Annual Loss of our inforce policies divided by the written premium of those same policies.

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Average Premium Trend
Dwelling Policy Forms

Experience Period Ending	Average Premium	YOY Change
09/30/2008	946.28	
09/30/2009	925.61	-2.2%
09/30/2010	915.09	-1.1%
09/30/2011	897.61	-1.9%
09/30/2012	879.94	-2.0%

(1) Fitted Historical Premium Trend	-1.7%
(2) Selected Historical Premium Trend	-1.7%
(3) Selected Prospective Premium Trend:	-2.0%
(4) Average Earned Date Underlying Proposed Rates: (Effective Date = 04/05/2013)	04/05/2014
(5) Prospective Trend Period (months) (Midpoint of Experience Period to Average Earned Date)	24.1
(6) Prospective Trend Adjustment	0.961

CALCULATION OF PREMIUM TREND FACTORS

Experience Period Ending	Midpoint of Experience Period	Fitted Average Premium	Historical Trend Factor	Prospective Trend Factor	Premium Trend Factor
09/30/2008	03/31/2008	945.04	0.932	0.961	0.895
09/30/2009	03/31/2009	928.98	0.949	0.961	0.911
09/30/2010	03/31/2010	912.91	0.965	0.961	0.928
09/30/2011	03/31/2011	896.84	0.983	0.961	0.944
09/30/2012	03/31/2012	880.77	1.000	0.961	0.961

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

ALL COMPANIES COMBINED

Average Premium Trend
Tenant Policy Forms

Experience Period Ending	Average Premium	YOY Change
09/30/2008	177.12	
09/30/2009	175.97	-0.6%
09/30/2010	174.91	-0.6%
09/30/2011	178.07	1.8%
09/30/2012	174.49	-2.0%

(1) Fitted Historical Premium Trend	-0.2%
(2) Selected Historical Premium Trend	-0.2%
(3) Selected Prospective Premium Trend:	-2.0%
(4) Average Earned Date Underlying Proposed Rates: (Effective Date = 04/05/2013)	04/05/2014
(5) Prospective Trend Period (months) (Midpoint of Experience Period to Average Earned Date)	24.1
(6) Prospective Trend Adjustment	0.960

CALCULATION OF PREMIUM TREND FACTORS

Experience Period Ending	Midpoint of Experience Period	Fitted Average Premium	Historical Trend Factor	Prospective Trend Factor	Premium Trend Factor
09/30/2008	03/31/2008	176.74	0.993	0.960	0.953
09/30/2009	03/31/2009	176.43	0.995	0.960	0.955
09/30/2010	03/31/2010	176.11	0.996	0.960	0.956
09/30/2011	03/31/2011	175.80	0.998	0.960	0.958
09/30/2012	03/31/2012	175.48	1.000	0.960	0.960

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Trended Ultimate Losses
Dwelling Policy Forms

Accident Year Ending 9/30	2008	2009	2010	2011	2012
(1) Earned Premium	749,851	3,060,902	5,396,577	7,693,763	9,614,489
(2) Earned Premium at Current Rates Factor	1.515	1.498	1.470	1.358	1.212
(3) Earned Premium at Current Rates (1) x (2)	1,136,323	4,585,005	7,930,557	10,444,729	11,656,513
(4) Premium Trend Factor	0.895	0.911	0.928	0.944	0.961
(5) Trended Earned Premium at Current Rates (3) x (4)	1,017,563	4,178,754	7,356,275	9,860,495	11,199,986
(6) Incurred Losses & ALAE	394,502	1,723,248	2,509,401	6,179,609	2,410,659
(7) Loss Development Factor	1.002	0.998	1.002	1.013	1.167
(8) Ultimate Losses & ALAE (6) x (7)	395,181	1,720,427	2,514,097	6,257,101	2,813,643
(9) Unallocated Factor + 1.000	1.121	1.121	1.121	1.121	1.121
(10) Ultimate Losses & LAE (8) x (9)	443,113	1,929,096	2,819,029	7,016,017	3,154,906
(11) Loss Trend Factor	1.533	1.414	1.304	1.203	1.110
(12) Trended Ultimate Losses & LAE (10) x (11)	679,301	2,727,862	3,676,960	8,441,130	3,501,201

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Trended Ultimate Losses
Tenant Policy Forms

Accident Year Ending 9/30	2008	2009	2010	2011	2012
(1) Earned Premium	67,109	239,417	367,415	486,673	546,244
(2) Earned Premium at Current Rates Factor	1.473	1.451	1.298	1.183	1.119
(3) Earned Premium at Current Rates (1) x (2)	98,877	347,512	477,053	575,633	611,376
(4) Premium Trend Factor	0.953	0.955	0.956	0.958	0.960
(5) Trended Earned Premium at Current Rates (3) x (4)	94,230	331,778	456,278	551,560	586,867
(6) Incurred Losses & ALAE	43,695	117,187	327,210	435,478	169,661
(7) Loss Development Factor	1.000	1.001	1.001	1.009	1.081
(8) Ultimate Losses & ALAE (6) x (7)	43,695	117,300	327,438	439,386	183,381
(9) Unallocated Factor + 1.000	1.121	1.121	1.121	1.121	1.121
(10) Ultimate Losses & LAE (8) x (9)	48,995	131,527	367,152	492,678	205,623
(11) Loss Trend Factor	1.382	1.310	1.241	1.176	1.115
(12) Trended Ultimate Losses & LAE (10) x (11)	67,729	172,289	455,730	579,488	229,177

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Development of: Variable Permissible Loss Ratio
and Permissible Loss Ratio

Fixed Expense	
Other Acquisition and General Expenses	9.7%
Variable Expense	
Commissions	10.9%
Taxes, Licenses and Fees	2.4%
Total Variable Expense	13.3%
Profit Margin	11.1%
Total Variable Expense and Profit Margin	24.4%
Variable Permissible Loss Ratio = (100% minus above row)	75.6%
Total Fixed Expense, Variable Expense and Profit Margin	34.2%
Total Permissible Loss Ratio = (100% minus above row)	65.8%
Total	100.0%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Property Indication
Dwelling Policy Forms

AY Ending 09/30	Earned House Years (1)	Trended EPCR (2)	Ultimate Trended L &LAE (3)	Incurred Claim Count (4)	AY Weights (5)	Rate Level Loss Ratio (6)=(3)/(2)
2008	1,201	1,017,563	679,301	55	0.03	0.668
2009	4,953	4,178,754	2,727,862	200	0.13	0.653
2010	8,666	7,356,275	3,676,960	331	0.22	0.500
2011	11,636	9,860,495	8,441,130	632	0.29	0.856
2012	13,247	11,199,986	3,501,201	397	0.33	0.313

(7)	Weighted Rate Level Loss Ratio	0.566
(8)	Non-Hurricane Cat. Adjusted Loss Ratio = (7) x WCLM	0.680
(9)	Hurricane Loss Ratio and LAE	0.017
(10)	Hurricane Provision	0.033
(11)	Total Cat. Adjusted Loss Ratio = (8) + (9) + (10)	0.730
(12)	State Credibility= [(1)/18,750]^ 0.5, Cap result at 1.00	1.00
(13)	Trended Total Permissible Loss Ratio	0.704
(14)	Credibility Weighted Rate Level Total Loss Ratio	0.730
(15)	Variable Permissible Loss Ratio	0.756
(16)	Credibility Weighted Indicated Rate Level Change = [(14) + (FE)] /(15)-1	9.50%
(17)	Proposed Premium Level Change	9.37%

NOTE: FE = Fixed Expense

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Property Indication
Tenant Policy Forms

AY Ending 09/30	Earned House Years (1)	Trended EPCR (2)	Ultimate Trended L &LAE (3)	Incurred Claim Count (4)	AY Weights (5)	Rate Level Loss Ratio (6)=(3)/(2)
2008	558	94,230	67,729	11	0.03	0.719
2009	1,975	331,778	172,289	29	0.13	0.519
2010	2,727	456,278	455,730	42	0.22	0.999
2011	3,233	551,560	579,488	52	0.29	1.051
2012	3,504	586,867	229,177	41	0.33	0.391

(7)	Weighted Rate Level Loss Ratio	0.742
(8)	Non-Hurricane Cat. Adjusted Loss Ratio = (7) x WCLM	0.892
(9)	Hurricane Loss Ratio and LAE	0.005
(10)	Hurricane Provision	0.007
(11)	Total Cat. Adjusted Loss Ratio = (8) + (9) + (10)	0.904
(12)	State Credibility= [(1)/3,750]^ 0.5, Cap result at 1.00	1.00
(13)	Trended Total Permissible Loss Ratio	0.709
(14)	Credibility Weighted Rate Level Total Loss Ratio	0.904
(15)	Variable Permissible Loss Ratio	0.756
(16)	Credibility Weighted Indicated Rate Level Change = [(14) + (FE)] /(15)-1	32.46%
(17)	Proposed Premium Level Change	9.20%

NOTE: FE = Fixed Expense

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Estimated Investment Earnings

		Homeowners
A.	Unearned Premium Reserve	
	1. Direct Earned Premium	8,954,249
	2. Direct Mean Unearned Premium Reserve (see Page 3)	4,759,622
	3. Deduction for Prepaid Expenses	
	(a) Commissions	0.1090
	(b) Taxes, Licenses, and Fees	0.0244
	(c) Other Acquisition (50%)	0.0166
	(d) General (50%)	0.0320
	(e) Total	0.1820
	4. Deduction for Federal Taxes (see Page 3)	68,604
	5. Deduction for Prepaid Expenses in dollars = A2 x A3(e)	866,151
	6. Net Subject to Investment = A2 - A4 - A5	3,824,867
B.	Delayed Remission of Premium	
	1. Average Agent's Balance (see Page 3)	24.3%
	2. Amount of Deduction = A1 x B1	2,175,883
C.	Loss + LAE Reserve	
	1. Direct Earned Premium = A1	8,954,249
	2. Permissible Incurred Loss + LAE (see Exhibit 18)	
	0.6584 x C1	5,895,860
	3. Expected Mean Loss + LAE Reserve (see Page 4)	
	0.4235 x C2	2,496,948
	4. Deduction for Federal Taxes (see Page 5)	10,630
	5. Loss and Reserve Subject to Investment = C3 - C4	2,486,318
D.	Policyholder Surplus (see Page 6, item I.6)	8,291,000
E.	Net Subject to Investment = A6 - B2 + C5 + D	12,426,302
F.	Average Rate of Return (see Page 6, item II.4)	4.4%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Estimated Investment Earnings

		Homeowners
G.	Projected Investment Earnings = E x F	546,757
H.	Before Tax Return on Earned Premium = G /A1	6.1%
I.	Federal Income Tax Provision (see Page 6, item III.10)	13.6%
J.	After-Tax Return on Earned Premium = H x (100% - I)	5.3%
K.	After-Tax Target Return on Earned Premium (see Page 6, item I.8)	13.9%
L.	After-Tax Target Underwriting Profit (% of EP) = K - J	8.6%
M.	Before-Tax Target Underwriting Profit (% of EP) = L / 0.65 *(Assuming a tax rate of 35%)*	13.2%
N.	Selected Before-Tax Target Underwriting Profit	11.1%

The Surplus Allocation exhibit requires a 13.9% return on earned premium from underwriting and investment activities.
Since the after-tax return on homeowners earned premium from investment income is 5.3%, the difference of 8.6% is the projected underwriting after-tax gain. Assuming a tax rate of 35%, the before-tax underwriting profit is 13.2% as a percentage of earned premium.

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Explanatory Notes of Calculation of Investment Income Adjustment Factors

A. Unearned Premium Reserve

1. Direct Earned Premium from page 14 of the annual statement for the calendar-year 2011.

2. Direct Mean Unearned Premium Reserve	Homeowners
a. Direct unearned premium reserve as of 12/10	4,269,594
b. Direct unearned premium reserve as of 12/11	5,249,651
c. Direct mean unearned premium reserve (a + b)/2	4,759,622

3. Deduction for Prepaid Expenses: Production costs and a large part of the other company expenses in connection with the writing and handling of insurance policies, exclusive of claim adjustment expense, are incurred when the policy is written and before the premium is paid. Therefore, the deduction for these expenses is determined by use of the provisions for expenses used in our ratemaking procedures, as shown.

4. Revenue Offset: The Internal Revenue Code allows only 80% of the change in unearned premium reserve as a deduction. The limitation of the deduction is accomplished through an adjustment to statutory income whereby 20% of the unearned premium reserve change is added to statutory income for tax purposes.

a. Homeowners: .35 x .20 (5,249,651 - 4,269,594) = 68,604

B. Delayed Remission of Premium

1. Average Uncollected Balance: The ratio used is the countrywide mean premium and agents' balance in the course of collection as a percentage of earned premium. (Source: Annual Statement)

	2009	2010	2011	Total
Premiums and agents' balance	1,044,724,603	1,061,941,376	1,136,761,239	3,243,427,218
Premiums, agents' balances, and installments booked but deferred and not yet due	3,824,719,200	3,896,953,834	4,029,844,872	11,751,517,906
Total	4,869,443,803	4,958,895,210	5,166,606,111	14,994,945,124
Earned Premium	20,385,737,486	20,345,047,670	21,045,057,831	61,775,842,987
Ratio	23.9%	24.4%	24.6%	24.3%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Explanatory Notes of Calculation of Investment Income Adjustment Factors

C. Loss and LAE Reserve: Determined by multiplying the expected incurred Loss + LAE by the ratio of the net mean Loss and LAE reserve to the net incurred Loss + LAE. This countrywide ratio is determined as follows:

3. Expected Mean Loss + LAE Reserve Ratio:

	2009	2010	2011	Average
a. Net Paid Loss + LAE	1,690,875,539	1,921,297,917	2,917,998,008	
b. Net Loss + LAE Reserve as of end of prior year	887,158,750	796,965,383	927,755,750	
c. Net Loss + LAE Reserve as of end of year	796,965,383	927,755,750	1,032,069,897	
d. Direct Incurred Loss + LAE = a - b + c	1,600,682,172	2,052,088,284	3,022,312,155	
e. Direct Mean Loss + LAE Reserve = (b + c) / 2	842,062,067	862,360,567	979,912,824	
f. Reserve Ratio = e / d	0.5261	0.4202	0.3242	0.4235

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors
Deduction for Federal Taxes Payable on Loss Reserves

Homeowners (Countrywide)

	Statutory Reserves (Undiscounted)		Tax Reserves (Discounted)	
	2010	2011	2010	2011
Year of Loss				
2000 & Prior	3,453,702	4,154,308	3,292,403	4,015,630
2001	1,634,434	470,008	1,456,689	431,212
2002	1,895,612	1,285,590	1,650,587	1,192,463
2003	2,986,399	1,999,284	2,682,205	1,758,971
2004	4,343,330	2,979,198	3,833,319	2,698,194
2005	36,428,791	35,208,086	32,528,306	31,503,539
2006	12,150,198	6,341,368	10,613,869	5,695,107
2007	26,519,661	16,151,124	23,916,539	14,520,329
2008	86,784,092	44,199,100	78,331,208	39,843,528
2009	139,081,381	63,279,562	125,269,621	57,135,770
2010	673,279,138	158,805,955	630,377,001	144,017,431
2011		763,607,994		719,739,924
Total	988,556,739	1,098,481,577	913,951,748	1,022,552,099

	2010	2011
Ratio of Discounted to Statutory Reserves:	0.9245	0.9309

Pennsylvania Homeowners Loss + ALAE Reserve as of 12/10 x (1+ULAE) = 1,909,836
1,703,689 x 1.121

Pennsylvania Homeowners Loss + ALAE Reserve as of 12/11 x (1+ULAE) = 2,526,260
2,253,577 x 1.121

Deduction for Federal Taxes Payable = 10,630
.35 x [2,526,260 - 1,909,836 - (2,526,260 x 0.9309) + (1,909,836 x 0.9245)]

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

TRAVCO INSURANCE COMPANY

Calculation of Investment Income Adjustment Factors

I. Surplus Allocation

	2009	2010	2011
1. Year End Property Casualty Policyholder Surplus	22,537,881,673	19,510,628,060	18,586,650,960
2. Direct Written Premium	21,409,548,233	21,541,288,707	22,206,993,630
3. Premium to Surplus Ratio	0.95	1.10	1.19
4. Three Year Average			1.08
5. Earned Premium			8,954,249
6. Allocated Equity			8,291,000
7. Target Return on Equity			15.0%
8. Return on Earned Premium			13.9%

II. Average Rate of Return

The average rate of return is based on the three year average ratio of net investment income to invested assets.
Source: Annual Statement

	2009	2010	2011	Total
1. Net Investment Income Earned	2,891,400,227	3,211,248,419	2,749,874,457	8,852,523,103
2. Net Realized Capital Gains	(260,109,058)	(146,038,854)	13,192,798	(392,955,114)
3. Invested Assets	65,839,247,614	64,670,591,711	62,801,070,216	193,310,909,541
4. Ratio	4.0%	4.7%	4.4%	4.4%

III. Federal Income Tax Provision

Detailed below is the calculation of the federal income tax rate on net investment income earned for The Travelers Property Casualty Corp. for 2011

	(In Thousands)
1. Statutory net investment income	3,753,882
2. Dividends from Affiliates	(997,280)
3. Tax exempt interest	(1,486,899)
4. 70% Dividends received deduction	(9,336)
5. 42% Dividends received deduction	(1,845)
6. 15% Proration adj. on TEI	224,491
7. Other Adjustments	(23,134)
8. Taxable net investment income (1+2+3+4+5+6+7)	1,459,879
9. Tax on net investment income (8 x .35)	510,958
10. FIT rate on NII (9 / 1)	13.6%

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Base Rates

Rule 301.A.1 Factors

Current Table: Base Rate								
Form	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	293.440	60.230	24.680	87.610	235.280	31.370	114.370	56.360
HO-4	88.500	77.090	21.670	2.060	18.290	2.530	1.680	11.240
HV-3	366.040	83.640	43.330	118.460	329.650	44.000	154.620	109.730

Proposed Table: Base Rate								
Form	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3	311.050	63.840	27.150	97.250	254.100	34.510	128.090	62.560
HO-4	101.780	88.650	24.920	2.370	21.030	2.910	1.930	12.930
HV-3	388.000	88.660	47.660	131.490	356.020	48.400	173.170	121.800

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Roof Covering Factors

Current Factors

Rule 301.A.4 Factors

Roof Covering								
Roof Covering	P1	P2	P3	P4	P5	P6	P7	P8
Flat Foam Composite	1.210	1.210	1.210	1.210	1.330	1.210	1.210	1.330
Flat Membrane	1.210	1.210	1.210	1.210	1.330	1.210	1.210	1.330
Flat Tar Gravel	1.210	1.210	1.210	1.210	1.330	1.210	1.210	1.330

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Roof Covering Factors

Proposed Factors

Rule 301.A.4 Factors

Roof Covering								
Roof Covering	P1	P2	P3	P4	P5	P6	P7	P8
Flat Foam Composite	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Flat Membrane	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400
Flat Tar Gravel	1.270	1.270	1.270	1.270	1.400	1.270	1.270	1.400

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Coverage A Factors

Current Factors

Rule 301.A.4 Factors

Coverage A Limit					
Form	**Coverage A Limit**	**P1**	**P5**	**P6**	**P8**
HO-2 / HO-3 / HV-3	30000	0.573	0.347	0.601	0.347
HO-2 / HO-3 / HV-3	35000	0.581	0.362	0.610	0.362
HO-2 / HO-3 / HV-3	40000	0.589	0.378	0.618	0.378
HO-2 / HO-3 / HV-3	45000	0.597	0.394	0.627	0.394
HO-2 / HO-3 / HV-3	50000	0.604	0.405	0.631	0.405
HO-2 / HO-3 / HV-3	55000	0.611	0.417	0.636	0.417
HO-2 / HO-3 / HV-3	60000	0.618	0.430	0.640	0.430
HO-2 / HO-3 / HV-3	65000	0.625	0.443	0.645	0.443
HO-2 / HO-3 / HV-3	70000	0.633	0.457	0.650	0.457
HO-2 / HO-3 / HV-3	75000	0.640	0.471	0.656	0.471
HO-2 / HO-3 / HV-3	80000	0.642	0.487	0.662	0.487
HO-2 / HO-3 / HV-3	85000	0.644	0.501	0.668	0.501
HO-2 / HO-3 / HV-3	90000	0.646	0.517	0.674	0.517
HO-2 / HO-3 / HV-3	95000	0.648	0.533	0.685	0.533
HO-2 / HO-3 / HV-3	100000	0.655	0.558	0.708	0.558
HO-2 / HO-3 / HV-3	105000	0.665	0.577	0.729	0.577
HO-2 / HO-3 / HV-3	110000	0.684	0.596	0.749	0.596
HO-2 / HO-3 / HV-3	115000	0.706	0.617	0.769	0.617
HO-2 / HO-3 / HV-3	120000	0.728	0.643	0.783	0.643
HO-2 / HO-3 / HV-3	125000	0.744	0.668	0.789	0.668
HO-2 / HO-3 / HV-3	130000	0.754	0.695	0.791	0.695
HO-2 / HO-3 / HV-3	135000	0.762	0.726	0.812	0.726
HO-2 / HO-3 / HV-3	140000	0.772	0.755	0.835	0.755
HO-2 / HO-3 / HV-3	145000	0.782	0.779	0.859	0.779
HO-2 / HO-3 / HV-3	150000	0.798	0.804	0.889	0.804
HO-2 / HO-3 / HV-3	155000	0.816	0.831	0.920	0.831
HO-2 / HO-3 / HV-3	160000	0.838	0.853	0.949	0.853
HO-2 / HO-3 / HV-3	165000	0.865	0.878	0.965	0.878
HO-2 / HO-3 / HV-3	170000	0.895	0.907	0.977	0.907
HO-2 / HO-3 / HV-3	175000	0.930	0.940	0.986	0.940
HO-2 / HO-3 / HV-3	180000	0.963	0.976	1.001	0.976
HO-2 / HO-3 / HV-3	185000	0.992	1.012	1.018	1.012
HO-2 / HO-3 / HV-3	190000	1.026	1.046	1.039	1.046
HO-2 / HO-3 / HV-3	195000	1.062	1.074	1.070	1.074
HO-2 / HO-3 / HV-3	200000	1.099	1.107	1.091	1.107
HO-2 / HO-3 / HV-3	205000	1.129	1.140	1.106	1.140
HO-2 / HO-3 / HV-3	210000	1.158	1.174	1.125	1.174
HO-2 / HO-3 / HV-3	215000	1.180	1.202	1.139	1.202
HO-2 / HO-3 / HV-3	220000	1.196	1.231	1.156	1.231
HO-2 / HO-3 / HV-3	225000	1.217	1.261	1.165	1.261
HO-2 / HO-3 / HV-3	230000	1.236	1.295	1.176	1.295
HO-2 / HO-3 / HV-3	235000	1.256	1.334	1.192	1.334
HO-2 / HO-3 / HV-3	240000	1.273	1.367	1.213	1.367

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Coverage A Factors

Proposed Factors

Rule 301.A.4 Factors

Coverage A Limit					
Form	**Coverage A Limit**	**P1**	**P5**	**P6**	**P8**
HO-2 / HO-3 / HV-3	30000	0.630	0.382	0.661	0.382
HO-2 / HO-3 / HV-3	35000	0.639	0.398	0.671	0.398
HO-2 / HO-3 / HV-3	40000	0.648	0.416	0.680	0.416
HO-2 / HO-3 / HV-3	45000	0.657	0.433	0.690	0.433
HO-2 / HO-3 / HV-3	50000	0.664	0.446	0.694	0.446
HO-2 / HO-3 / HV-3	55000	0.672	0.459	0.700	0.459
HO-2 / HO-3 / HV-3	60000	0.680	0.473	0.704	0.473
HO-2 / HO-3 / HV-3	65000	0.688	0.487	0.710	0.487
HO-2 / HO-3 / HV-3	70000	0.696	0.503	0.715	0.503
HO-2 / HO-3 / HV-3	75000	0.704	0.518	0.722	0.518
HO-2 / HO-3 / HV-3	80000	0.706	0.536	0.728	0.536
HO-2 / HO-3 / HV-3	85000	0.708	0.551	0.735	0.551
HO-2 / HO-3 / HV-3	90000	0.711	0.569	0.741	0.569
HO-2 / HO-3 / HV-3	95000	0.713	0.586	0.754	0.586
HO-2 / HO-3 / HV-3	100000	0.721	0.614	0.779	0.614
HO-2 / HO-3 / HV-3	105000	0.732	0.635	0.802	0.635
HO-2 / HO-3 / HV-3	110000	0.752	0.656	0.824	0.656
HO-2 / HO-3 / HV-3	115000	0.777	0.679	0.846	0.679
HO-2 / HO-3 / HV-3	120000	0.801	0.707	0.861	0.707
HO-2 / HO-3 / HV-3	125000	0.818	0.735	0.868	0.735
HO-2 / HO-3 / HV-3	130000	0.829	0.765	0.870	0.765
HO-2 / HO-3 / HV-3	135000	0.838	0.799	0.893	0.799
HO-2 / HO-3 / HV-3	140000	0.849	0.831	0.919	0.831
HO-2 / HO-3 / HV-3	145000	0.860	0.857	0.945	0.857
HO-2 / HO-3 / HV-3	150000	0.878	0.884	0.978	0.884
HO-2 / HO-3 / HV-3	155000	0.889	0.906	1.003	0.906
HO-2 / HO-3 / HV-3	160000	0.905	0.921	1.025	0.921
HO-2 / HO-3 / HV-3	165000	0.934	0.948	1.042	0.948
HO-2 / HO-3 / HV-3	170000	0.958	0.970	1.045	0.970
HO-2 / HO-3 / HV-3	175000	0.995	1.006	1.055	1.006
HO-2 / HO-3 / HV-3	180000	1.021	1.035	1.061	1.035
HO-2 / HO-3 / HV-3	185000	1.042	1.063	1.069	1.063
HO-2 / HO-3 / HV-3	190000	1.067	1.088	1.081	1.088
HO-2 / HO-3 / HV-3	195000	1.094	1.106	1.102	1.106
HO-2 / HO-3 / HV-3	200000	1.132	1.140	1.124	1.140
HO-2 / HO-3 / HV-3	205000	1.163	1.174	1.139	1.174
HO-2 / HO-3 / HV-3	210000	1.193	1.209	1.159	1.209
HO-2 / HO-3 / HV-3	215000	1.215	1.238	1.173	1.238
HO-2 / HO-3 / HV-3	220000	1.220	1.256	1.179	1.256
HO-2 / HO-3 / HV-3	225000	1.241	1.286	1.188	1.286
HO-2 / HO-3 / HV-3	230000	1.261	1.321	1.200	1.321
HO-2 / HO-3 / HV-3	235000	1.269	1.347	1.204	1.347
HO-2 / HO-3 / HV-3	240000	1.286	1.381	1.225	1.381

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Home Buyer Discount Factors

Current Factors

Rule 301.A.4 Factors

Home Buyer Discount									
Form	**Policy Age & Age of Dwell at New Business**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3 / HV-3	New Business, New Home	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
HO-2 / HO-3 / HV-3	1st Renewal, New Home	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930
HO-2 / HO-3 / HV-3	2nd Renewal, New Home	0.960	0.960	0.960	0.960	0.960	0.960	0.960	0.960
HO-2 / HO-3 / HV-3	3rd Renewal, New Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	4th Renewal, New Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	5th Renewal, New Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	New Business, Existing Home	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-2 / HO-3 / HV-3	1st Renewal, Existing Home	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-2 / HO-3 / HV-3	2nd Renewal, Existing Home	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-2 / HO-3 / HV-3	3rd Renewal, Existing Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	4th Renewal, Existing Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	5th Renewal, Existing Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	New Business, New Home	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6 / HV-6	1st Renewal, New Home	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6 / HV-6	2nd Renewal, New Home	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6 / HV-6	3rd Renewal, New Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	4th Renewal, New Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	5th Renewal, New Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	New Business, Existing Home	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6 / HV-6	1st Renewal, Existing Home	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6 / HV-6	2nd Renewal, Existing Home	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6 / HV-6	3rd Renewal, Existing Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	4th Renewal, Existing Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	5th Renewal, Existing Home	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Home Buyer Discount Factors

Proposed Factors

Rule 301.A.4 Factors

Home Buyer Discount										
Form	**Policy Age**	**Age of Dwell at New Business**	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**
HO-2 / HO-3 / HV-3	New Business, New Home	0-15	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
HO-2 / HO-3 / HV-3	1st Renewal, New Home	0-15	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.930
HO-2 / HO-3 / HV-3	2nd Renewal, New Home	0-15	0.960	0.960	0.960	0.960	0.960	0.960	0.960	0.960
HO-2 / HO-3 / HV-3	3rd Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	4th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	5th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	New Business, Existing Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-2 / HO-3 / HV-3	1st Renewal, Existing Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-2 / HO-3 / HV-3	2nd Renewal, Existing Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-2 / HO-3 / HV-3	3rd Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	4th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	5th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	New Business, Existing Home	16+	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980
HO-2 / HO-3 / HV-3	1st Renewal, Existing Home	16+	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-2 / HO-3 / HV-3	2nd Renewal, Existing Home	16+	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
HO-2 / HO-3 / HV-3	3rd Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	4th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-2 / HO-3 / HV-3	5th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	New Business, New Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6 / HV-6	1st Renewal, New Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6 / HV-6	2nd Renewal, New Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6 / HV-6	3rd Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	4th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	5th Renewal, New Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	New Business, Existing Home	0-15	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6 / HV-6	1st Renewal, Existing Home	0-15	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6 / HV-6	2nd Renewal, Existing Home	0-15	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6 / HV-6	3rd Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	4th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	5th Renewal, Existing Home	0-15	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	New Business, Existing Home	16+	0.950	0.950	0.950	0.950	0.950	0.950	0.950	0.950
HO-6 / HV-6	1st Renewal, Existing Home	16+	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970
HO-6 / HV-6	2nd Renewal, Existing Home	16+	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990
HO-6 / HV-6	3rd Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	4th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
HO-6 / HV-6	5th Renewal, Existing Home	16+	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Age of Home Factors

Current Factors

Rule 301.A.4 Factors

Age of Home				
Age of Home	**P4**	**P5**	**P7**	**P8**
1	0.661	0.643	0.661	0.643
2	0.670	0.652	0.670	0.652
3	0.698	0.697	0.698	0.697
4	0.736	0.730	0.736	0.730
5	0.790	0.777	0.790	0.777
6	0.845	0.829	0.845	0.829
7	0.895	0.887	0.895	0.887
8	0.960	0.952	0.960	0.952
9	1.036	1.020	1.036	1.020
10	1.105	1.071	1.105	1.071
11	1.169	1.114	1.169	1.114
12	1.219	1.153	1.219	1.153
13	1.250	1.183	1.250	1.183
14	1.266	1.204	1.266	1.204
15	1.266	1.216	1.266	1.216
16	1.253	1.220	1.253	1.220
17	1.227	1.217	1.227	1.217
18	1.198	1.210	1.198	1.210
19	1.168	1.201	1.168	1.201
20	1.140	1.191	1.140	1.191
21	1.116	1.180	1.116	1.180
22	1.098	1.168	1.098	1.168
23	1.090	1.155	1.090	1.155
24	1.080	1.143	1.080	1.143
25	1.069	1.134	1.069	1.134
26	1.057	1.126	1.057	1.126
27	1.055	1.118	1.042	1.118
28	1.054	1.110	1.027	1.110
29	1.052	1.103	1.014	1.103
30	1.051	1.097	1.003	1.097
31	1.049	1.091	0.990	1.091
32	1.047	1.083	0.977	1.083
33	1.046	1.075	0.964	1.075
34	1.044	1.067	0.958	1.067
35	1.043	1.060	0.958	1.060
36	1.041	1.052	0.961	1.052
37	1.040	1.045	0.964	1.045
38	1.038	1.038	0.963	1.038

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Age of Home Factors

Current Factors

Rule 301.A.4 Factors

Age of Home				
Age of Home	**P4**	**P5**	**P7**	**P8**
39	1.036	1.032	0.963	1.032
40	1.035	1.026	0.965	1.026
41	1.033	1.020	0.969	1.020
42	1.032	1.014	0.972	1.014
43	1.030	1.009	0.971	1.009
44	1.028	1.003	0.966	1.003
45	1.027	0.998	0.964	0.998
46	1.025	0.992	0.963	0.992
47	1.024	0.987	0.967	0.987
48	1.022	0.982	0.969	0.982
49	1.020	0.975	0.972	0.975
50	1.019	0.969	0.975	0.969
51	1.017	0.963	0.978	0.963
52	1.016	0.958	0.980	0.958
53	1.014	0.952	0.982	0.952
54	1.013	0.946	0.983	0.946
55	1.011	0.939	0.986	0.939
56	1.009	0.934	0.990	0.934
57	1.008	0.929	0.994	0.929
58	1.006	0.924	0.997	0.924
59	1.005	0.920	1.001	0.920
60	1.003	0.917	1.001	0.917
61	1.002	0.914	1.001	0.914
62	1.001	0.911	1.001	0.911
63	1.000	0.908	1.000	0.908
64	0.999	0.905	0.999	0.905
65	0.999	0.902	0.999	0.902
66	0.998	0.899	0.998	0.899
67	0.997	0.895	0.997	0.895
68	0.997	0.892	0.997	0.892
69	0.997	0.888	0.997	0.888
70	0.997	0.885	0.997	0.885
71	0.996	0.882	0.996	0.882
72	0.996	0.879	0.996	0.879
73	0.995	0.876	0.995	0.876
74	0.995	0.873	0.995	0.873
75	0.994	0.870	0.994	0.870
76+	0.993	0.867	0.993	0.867

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Age of Home Factors

Proposed Factors

Rule 301.A.4 Factors

Age of Home				
Age of Home	**P4**	**P5**	**P7**	**P8**
1	0.575	0.620	0.575	0.620
2	0.586	0.654	0.586	0.654
3	0.622	0.691	0.622	0.691
4	0.670	0.731	0.670	0.731
5	0.737	0.774	0.737	0.774
6	0.806	0.821	0.806	0.821
7	0.869	0.872	0.869	0.872
8	0.950	0.928	0.950	0.928
9	1.045	0.987	1.045	0.987
10	1.131	1.043	1.131	1.043
11	1.212	1.081	1.212	1.081
12	1.275	1.112	1.275	1.112
13	1.313	1.137	1.313	1.137
14	1.333	1.155	1.333	1.155
15	1.334	1.167	1.334	1.167
16	1.317	1.174	1.317	1.174
17	1.285	1.179	1.285	1.179
18	1.248	1.184	1.248	1.184
19	1.210	1.184	1.210	1.184
20	1.175	1.185	1.175	1.185
21	1.146	1.183	1.146	1.183
22	1.123	1.179	1.123	1.179
23	1.113	1.173	1.113	1.173
24	1.100	1.168	1.100	1.168
25	1.087	1.163	1.087	1.163
26	1.072	1.158	1.072	1.158
27	1.070	1.154	1.070	1.154
28	1.068	1.150	1.068	1.150
29	1.066	1.146	1.066	1.146
30	1.064	1.141	1.064	1.141
31	1.062	1.136	1.062	1.136
32	1.060	1.132	1.060	1.132
33	1.058	1.129	1.058	1.129
34	1.056	1.125	1.056	1.125
35	1.054	1.121	1.054	1.121
36	1.052	1.116	1.052	1.116
37	1.050	1.110	1.050	1.110
38	1.048	1.101	1.048	1.101

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Age of Home Factors

Proposed Factors

Rule 301.A.4 Factors

Age of Home				
Age of Home	**P4**	**P5**	**P7**	**P8**
39	1.046	1.092	1.046	1.092
40	1.044	1.081	1.044	1.081
41	1.042	1.070	1.042	1.070
42	1.040	1.057	1.040	1.057
43	1.038	1.043	1.038	1.043
44	1.035	1.029	1.035	1.029
45	1.033	1.015	1.033	1.015
46	1.031	1.003	1.031	1.003
47	1.029	0.991	1.029	0.991
48	1.027	0.980	1.027	0.980
49	1.025	0.970	1.025	0.970
50	1.023	0.961	1.023	0.961
51	1.021	0.954	1.021	0.954
52	1.019	0.946	1.019	0.946
53	1.017	0.939	1.017	0.939
54	1.015	0.933	1.015	0.933
55	1.013	0.927	1.013	0.927
56	1.011	0.921	1.011	0.921
57	1.009	0.916	1.009	0.916
58	1.007	0.911	1.007	0.911
59	1.005	0.907	1.005	0.907
60	1.003	0.905	1.003	0.905
61	1.002	0.902	1.002	0.902
62	1.001	0.900	1.001	0.900
63	1.000	0.897	1.000	0.897
64	0.999	0.894	0.999	0.894
65	0.998	0.891	0.998	0.891
66	0.997	0.888	0.997	0.888
67	0.997	0.885	0.997	0.885
68	0.997	0.882	0.997	0.882
69	0.996	0.879	0.996	0.879
70	0.996	0.876	0.996	0.876
71	0.995	0.874	0.995	0.874
72	0.995	0.871	0.995	0.871
73	0.994	0.868	0.994	0.868
74	0.993	0.866	0.993	0.866
75	0.992	0.863	0.992	0.863
76+	0.991	0.861	0.991	0.861

Note: Only the factors being changed are shown

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Loss Exhibits
Supporting Data
Dwelling Policy Forms

Peril	% of Total Peril Premium (inforce book)	EPCR	Capped Losses	Capped LR	Credibility	Claim Count	Credibility Weighted Capped LR	Proposed Change
P1 - Fire	26%	$115,920,406	$22,012,090	19%	0.82	719	23%	6%
P2 - Liability	9%	$32,328,816	$9,464,192	29%	0.81	702	32%	6%
P3 - Theft	2%	$9,219,336	$5,005,111	54%	1.00	1,908	54%	10%
P4 - Wind	12%	$52,657,517	$30,313,696	58%	1.00	5,881	58%	11%
P5 - Water	26%	$116,242,358	$52,329,044	45%	1.00	9,012	45%	8%
P6 - Other	3%	$18,674,121	$9,465,277	51%	1.00	2,055	51%	10%
P7 - CAT Wind	15%	$64,526,845	$41,907,602	65%	1.00	7,362	65%	12%
P8 - CAT Water	8%	$33,600,485	$19,316,210	57%	1.00	3,373	57%	11%
Total	100%	$443,169,884	$189,813,222	43%	1.00	31,012	43%	

*2009 to 2012 YTD evaluated as of 9-30-2012

Roof Type	EPCR	Capped Losses	Capped LR	Credibility	Claim Count	Credibility Weighted LR	Credibility Weighted LRR
Flat	$48,513,133	$15,121,445	31%	1.00	2,054	31%	1.07
All Other	$394,656,751	$113,467,965	29%	1.00	18,223	29%	0.99
Grand Total	$443,169,884	$128,589,410	29%	1.00	20,277	29%	1.00

*1082 Standard of Credibility
*2009 to 2012 YTD evaluated as of 9-30-2012

Home Buyer	AOH	EPCR	Capped Losses (x-cat)	Capped LR	Credibility	Claim Count	Credibility Weighted LR	Credibility Weighted LRR
N	<6	$9,249,951	$2,275,550	25%	0.56	341	27%	0.91
	6-10	$23,778,756	$5,414,958	23%	0.88	846	24%	0.80
	11-15	$23,065,025	$6,404,346	28%	0.93	939	28%	0.94
	16+	$290,881,345	$86,029,435	30%	1.00	13,429	30%	1.00
N Total		$346,975,077	$100,124,289	29%	1.00	15,555	29%	0.98
Y	<6	$14,089,825	$2,567,156	18%	0.65	456	22%	0.75
	6-10	$5,685,495	$1,290,706	23%	0.46	225	26%	0.89
	11-15	$4,815,413	$1,145,112	24%	0.45	218	27%	0.91
	16+	$71,604,074	$23,462,147	33%	1.00	3,823	33%	1.11
Y Total		$96,194,808	$28,465,121	30%	1.00	4,722	30%	1.00

*1082 Standard of Credibility
*2009 to 2012 YTD evaluated as of 9-30-2012

Coverage A	FIRE	OTH	Water (cat & x-cat)
$150K or Less	1.13	1.09	1.29
$150K-$200K	1.26	1.32	1.13
$200K-$250K	1.06	1.14	1.06
$251K-$500K	0.95	0.85	0.97
$501K and up	0.84	0.86	0.91
Grand Total	1.00	1.00	1.00

*1082 Standard of Credibility
*2009 to 2012 YTD evaluated as of 9-30-2012

PENNSYLVANIA QUANTUM HOMEOWNERS AND HIGH VALUE HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

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Supporting Data
Dwelling Policy Forms
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Age of Home	CW Exposures (thousands)	Actual Pure Premium	Modeled Pure Premium (ex-age of home)	Indicated Factor	Selected Factor
1	204	$29	$83	0.351	0.575
2	243	$40	$97	0.412	0.586
3	253	$50	$106	0.472	0.622
4	264	$57	$114	0.499	0.670
5	268	$62	$115	0.541	0.737
6	265	$69	$112	0.616	0.806
7	254	$71	$108	0.657	0.869
8	241	$93	$106	0.877	0.950
9	230	$105	$104	1.004	1.045
10	222	$112	$105	1.070	1.131
11	217	$126	$104	1.209	1.212
12	208	$141	$104	1.349	1.275
13	196	$141	$103	1.374	1.313
14	182	$147	$101	1.449	1.333
15	172	$150	$100	1.505	1.334
16	170	$165	$98	1.680	1.317
17	166	$150	$96	1.572	1.285
18	164	$139	$93	1.501	1.248
19	163	$112	$90	1.241	1.210
20	164	$106	$88	1.203	1.175
21	169	$102	$87	1.163	1.146
22	169	$90	$89	1.011	1.123
23	163	$100	$90	1.106	1.113
24	155	$100	$92	1.088	1.100
25	150	$90	$91	0.990	1.087
26	150	$89	$89	0.996	1.072
27	149	$89	$88	1.020	1.070
28	147	$86	$85	1.007	1.068
29	147	$98	$86	1.145	1.066
30	154	$90	$85	1.068	1.064
31	167	$93	$86	1.078	1.062
32	175	$103	$88	1.163	1.060
33	172	$105	$87	1.211	1.058
34	167	$94	$87	1.071	1.056
35	164	$92	$83	1.112	1.054
36	167	$94	$81	1.158	1.052
37	169	$91	$81	1.126	1.050
38	164	$88	$78	1.124	1.048
39	162	$84	$80	1.049	1.046
40	167	$83	$78	1.076	1.044
41	171	$82	$75	1.095	1.042
42	170	$79	$76	1.046	1.040
43	162	$76	$73	1.047	1.038
44	159	$79	$74	1.054	1.035
45	170	$68	$69	0.983	1.033
46	185	$69	$68	1.025	1.031
47	188	$68	$69	0.986	1.029
48	176	$66	$66	0.999	1.027
49	176	$68	$68	1.001	1.025
50	186	$58	$65	0.888	1.023
51	197	$66	$65	1.018	1.021
52	194	$66	$68	0.976	1.019
53	168	$59	$64	0.929	1.017
54	164	$69	$66	1.038	1.015
55	175	$66	$62	1.052	1.013
56	184	$61	$62	0.976	1.011
57	175	$60	$64	0.947	1.009
58	151	$52	$61	0.860	1.007
59	143	$59	$65	0.909	1.005
60	140	$59	$64	0.921	1.003
61	133	$70	$66	1.062	1.002
62	115	$58	$71	0.820	1.001
63	74	$56	$61	0.927	1.000
64	66	$59	$66	0.898	0.999
65	69	$56	$57	0.996	0.998
66	76	$55	$55	0.998	0.997
67	75	$51	$56	0.903	0.997
68	67	$58	$54	1.077	0.997
69	70	$55	$63	0.882	0.996
70	76	$65	$64	1.022	0.996
71	77	$81	$67	1.212	0.995
72	68	$59	$72	0.815	0.995
73	44	$51	$64	0.805	0.994
74	38	$63	$69	0.907	0.993
75	43	$48	$59	0.819	0.992
76	51	$54	$57	0.943	0.991

*CW Data, Legacy and Quantum, Q2 2004- Q2 2012

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Age of Home	CW Exposures (thousands)	Actual Pure Premium	Modeled Pure Premium (ex-age of home)	Indicated Factor	Selected Factor
1	204	$42	$110	0.377	0.620
2	243	$50	$114	0.436	0.654
3	253	$60	$119	0.508	0.691
4	264	$67	$121	0.558	0.731
5	268	$84	$119	0.706	0.774
6	265	$86	$114	0.753	0.821
7	254	$86	$110	0.784	0.872
8	241	$98	$107	0.922	0.928
9	230	$109	$105	1.039	0.987
10	222	$117	$104	1.119	1.043
11	217	$111	$103	1.075	1.081
12	208	$116	$102	1.137	1.112
13	196	$117	$101	1.161	1.137
14	182	$124	$100	1.251	1.155
15	172	$123	$99	1.248	1.167
16	170	$110	$98	1.129	1.174
17	166	$125	$96	1.294	1.179
18	164	$121	$95	1.280	1.184
19	163	$118	$93	1.265	1.184
20	164	$110	$92	1.191	1.185
21	169	$112	$91	1.230	1.183
22	169	$119	$91	1.307	1.179
23	163	$111	$91	1.225	1.173
24	155	$112	$91	1.237	1.168
25	150	$113	$88	1.283	1.163
26	150	$109	$83	1.311	1.158
27	149	$98	$81	1.207	1.154
28	147	$95	$78	1.212	1.150
29	147	$93	$80	1.169	1.146
30	154	$93	$79	1.168	1.141
31	167	$100	$80	1.248	1.136
32	175	$94	$81	1.151	1.132
33	172	$97	$80	1.209	1.129
34	167	$95	$81	1.184	1.125
35	164	$100	$78	1.273	1.121
36	167	$96	$77	1.245	1.116
37	169	$95	$78	1.208	1.110
38	164	$88	$77	1.140	1.101
39	162	$90	$80	1.122	1.092
40	167	$95	$80	1.189	1.081
41	171	$90	$78	1.148	1.070
42	170	$88	$81	1.090	1.057
43	162	$86	$79	1.098	1.043
44	159	$84	$82	1.032	1.029
45	170	$90	$78	1.147	1.015
46	185	$76	$75	1.016	1.003
47	188	$77	$78	0.984	0.991
48	176	$80	$75	1.068	0.980
49	176	$78	$79	0.987	0.970
50	186	$73	$79	0.928	0.961
51	197	$79	$77	1.025	0.954
52	194	$74	$81	0.912	0.946
53	168	$71	$77	0.931	0.939
54	164	$84	$81	1.031	0.933
55	175	$78	$79	0.978	0.927
56	184	$78	$77	1.019	0.921
57	175	$76	$80	0.945	0.916
58	151	$68	$78	0.876	0.911
59	143	$71	$84	0.846	0.907
60	140	$73	$83	0.879	0.905
61	133	$89	$82	1.089	0.902
62	115	$71	$90	0.792	0.900
63	74	$67	$76	0.890	0.897
64	66	$73	$83	0.883	0.894
65	69	$64	$78	0.825	0.891
66	76	$74	$73	1.013	0.888
67	75	$68	$80	0.859	0.885
68	67	$58	$77	0.753	0.882
69	70	$68	$89	0.760	0.879
70	76	$81	$90	0.895	0.876
71	77	$95	$90	1.057	0.874
72	68	$75	$100	0.751	0.871
73	44	$75	$91	0.821	0.868
74	38	$64	$101	0.632	0.866
75	43	$79	$93	0.847	0.863
76	51	$77	$86	0.904	0.861

*CW Data, Legacy and Quantum, Q2 2004- Q2 2012

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TRAVCO INSURANCE COMPANY

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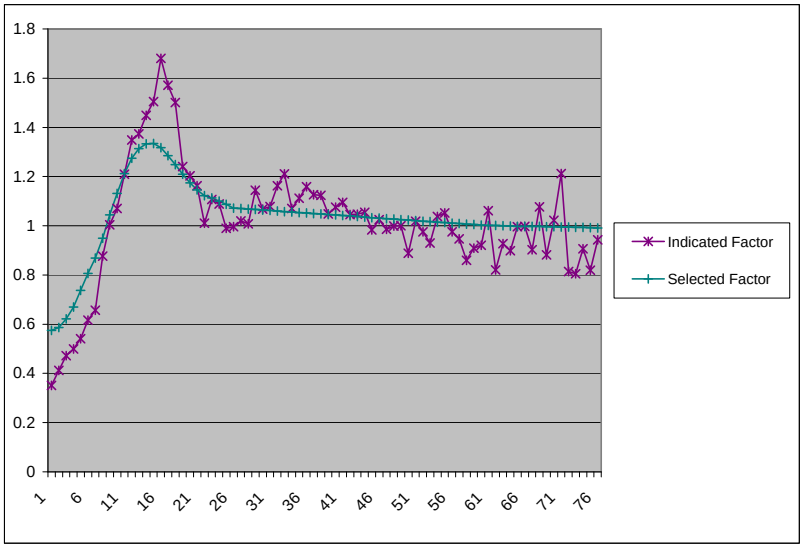
CAT Wind and XCAT Wind



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TRAVCO INSURANCE COMPANY

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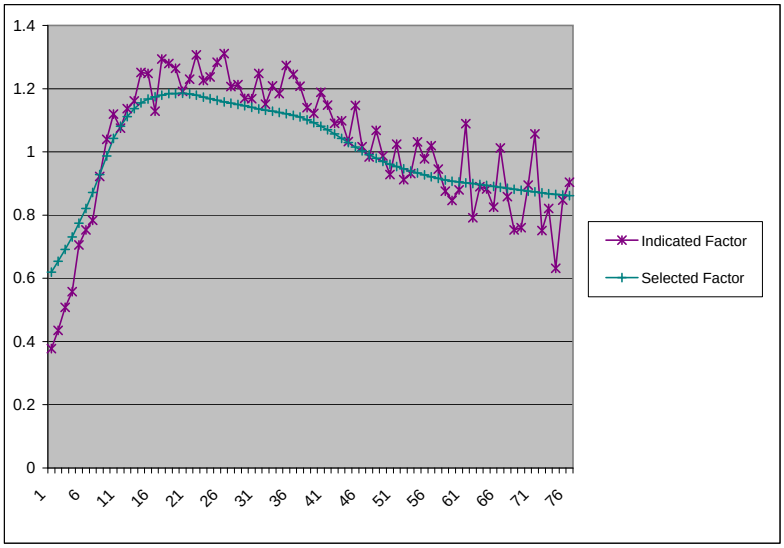
Dwelling Policy Forms
CAT Wind and XCAT Water



PENNSYLVANIA QUANTUM HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Rule 405: Deductibles
Marked-Up Version

Rule 405 Deductibles

All Travelers Homeowners policies are subject to a base deductible applicable to loss from all Section I perils except Earthquake.

A separate deductible provision applies to Earthquake Coverage. Refer to Rule 505 for the applicable deductible provision.

~~**A. Base Deductible: All Forms.** The Homeowners policy may be written subject to a $500 base deductible applicable to any loss under Section I of this policy. Peril base rates by form shown in this Manual take this deductible into consideration.~~

~~**B. Optional Deductible Amounts: All Forms**~~

~~**1.** $250 (future conversion), $1,000, $1,500, $2,500, $3,500, $5,000, $10,000, $25,000, $50,000.~~

~~**2.** The homeowners policy may be revised to include any deductible option listed above.~~

~~Use the **HO-3 PA** deductible factor by Coverage A table or the **HO-4 PA/HO-6 PA** deductible factor by Coverage C table for tenants and condos, to determine the appropriate factor.~~

Peril base rates by form shown in this manual take this deductible into consideration. The Homeowners policy is written subject to a minimum deductible defined in our Eligibility Guidelines that is applicable to any loss under Section I of this policy. The policy may be revised to include an optional higher deductible. Refer to the Residence Variables section of the rate pages for the available deductibles and associated factors.

*Underscore indicates items being added.
**Strikethrough indicates items being deleted.

PENNSYLVANIA QUANTUM HOMEOWNERS

THE TRAVELERS HOME AND MARINE INSURANCE COMPANY
TRAVCO INSURANCE COMPANY

Revision to Rule 405: Deductibles
Final Proposed Version

Rule 405 Deductibles

All Travelers Homeowners policies are subject to a base deductible applicable to loss from all Section I perils except Earthquake.

A separate deductible provision applies to Earthquake Coverage. Refer to Rule 505 for the applicable deductible provision.
Peril base rates by form shown in this manual take this deductible into consideration. The Homeowners policy is written subject to a minimum deductible defined in our Eligibility Guidelines that is applicable to any loss under Section I of this policy. The policy may be revised to include an optional higher deductible. Refer to the Residence Variables section of the rate pages for the available deductibles and associated factors.

PENNSYLVANIA QUANTUM HIGH VALUE HOMEOWNERS

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Revision to Rule 405: Deductibles
Marked-Up Version

Rule 405 Deductibles

All Travelers High Value Homeowners policies are subject to a base deductible applicable to loss from all Section I perils except Earthquake.

A separate deductible provision applies to Earthquake Coverage. Refer to Rule 505 for the applicable deductible provision.

~~**A.Base Deductible: Both Forms**. The High Value Homeowners policy may be written subject to a $500 base deductible applicable to any loss under Section I of this policy. Peril base rates by form shown in this Man~~**~~ual take this deductible into consideration.~~**

~~**B.Optional Deductible Amounts: Both Forms.**~~

~~**1.**$250 (future conversion), $1,000, $1,500, $2,500, $3,500, $5,000, $10,000, $25,000, $50,000.~~

~~**2.** The High Value Homeowners policy may be revised to include any deductible option listed above.~~

~~Use the **HV 3 PA** deductible factor by Coverage A table or the **HV 6 PA** deductible factor by Coverage C table to determine the appropriate factor.~~

Peril base rates by form shown in this manual take this deductible into consideration. The High Value Homeowners policy is written subject to a minimum deductible defined in our Eligibility Guidelines that is applicable to any loss under Section I of this policy. The policy may be revised to include an optional higher deductible. Refer to the Residence Variables section of the rate pages for the available deductibles and associated factors.

*Underscore indicates items being added.
**Strikethrough indicates items being deleted.

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A separate deductible provision applies to Earthquake Coverage. Refer to Rule 505 for the applicable deductible provision.

Peril base rates by form shown in this manual take this deductible into consideration. The High Value Homeowners policy is written subject to a minimum deductible defined in our Eligibility Guidelines that is applicable to any loss under Section I of this policy. The policy may be revised to include an optional higher deductible. Refer to the Residence Variables section of the rate pages for the available deductibles and associated factors.

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Explanatory Memorandum

This memorandum presents the proposed overall rate level increase of 9.27% to address Pennsylvania Quantum Homeowners and High Value Homeowners loss pressure. This change applies to all new business issued and effective on or after 04/05/2013 and to all renewals issued on or after 04/05/2013 and effective on or after 06/11/2013.

This filing proposes the following changes: by-peril dwelling form base rates, homebuyer credit, coverage a, flat roof, age of home and tenant base rates.

With this filing we are also amending Deductible Rule 405 rules to make editorial changes.

In an effort to improve and update our indication process we are proposing the following changes to methodology and data:

Weighted Catastrophe Loss Multiplier (WCLM):
We are moving from a 45 to a 20 year loss time period for the development of the WCLM. This shorter time period is more reflective of our current geographic policy distribution as well as recent weather patterns.

Average Premium Trend:
We are explicitly showing separate historical and prospective premium trend factors. The historical trend selection is based on the long term fit. The prospective trend selection is based on the year over year movement in average premiums, particularly in the most recent years, to better reflect recent trends.

Loss Trend:
We are incorporating separate historical and prospective loss trend factors. The historic trend selections are based on long term fits of state and industry trends and the prospective trend selections more responsive to recent trends.

Hurricane Model:
After extensive evaluation, the Travelers has decided to begin using Applied Insurance Research (AIR) for the purpose of modeling Personal Insurance hurricane losses. Please note, we had been using Risk Management Solutions (RMS).

Hurricane Loss Ratio Exhibit:

A page has been added to the Catastrophe Losses Exhibit (Exhibit 5, Page 3 and Exhibit 15, Page 3) to show adjustments to the modeled hurricane loss ratio. The modeled hurricane loss ratio is now adjusted to include ALAE and ULAE, as the model does not include these elements. The modeled hurricane loss ratio is also adjusted to current rate level.

Experience Data:

The Travelers has updated its experience database which brings improved accuracy and detail. Any resultant changes in historical values compared to prior filings are not material.

ULAE:
On Exhibit 2 and Exhibit 12, the ULAE ratio is now determined based on net paid rather than direct incurred ULAE and loss and ALAE values. Please note that a paid basis removes volatility due to reserve changes, and net ratios better reflect our loss cash flows. In addition, the ULAE ratio selection is now calculated as an average of the ULAE ratio for 2009, 2010 and 2011 using weights that mitigate the impact of the extraordinary level of cat losses in 2011. Please note that this ULAE factor is applied to losses of all perils because the historical unallocated loss adjustment expenses cannot be identified as being associated with any particular peril.

Investment Income Exhibit:
On Exhibit 10, Page 4 and Exhibit 20, Page 4, the Reserve Ratio calculation is now calculated as the average of net ratios for each of the last three years. Previously, we used the direct ratio of only the last year. Please note that three years produces a more stable result over time, and net ratios better reflect our loss cash flows.