

PENNSYLVANIA COMPENSATION RATING BUREAU

Measures of Goodness of Fit in Trend Calculations Using Loss Ratios

Estimates of trended loss ratios using from 4 to 10 data points for each loss development technique are shown in Exhibit 6 of this mailing.

The first page of the attachment shows R^2 values for the regressions producing those trended loss ratios.

Pages 2 and 3 show indemnity fitted loss ratios for each loss development method using from 4 to 10 data points. Page 2 uses linear regression and page 3 uses exponential techniques. Pages 4 and 5 present analogous results for medical-linear and medical-exponential respectively.

Pages 6 through 9 show residuals resulting from the comparison of actual and fitted (actual minus fitted) values for the curves used in the trend projections. Page 6 shows indemnity results using linear regression, page 7 is for indemnity-exponential, page 8 for medical-linear and page 9 for medical-exponential.

| INDEMNITY | | Average | | |
|----------------|---------|------------|---------|---------|
| r ² | | (Pd & Inc) | (Incur) | (Pd-20) |
| 4 Point | Linear | 0.677 | 0.672 | 0.680 |
| 5 Point | Linear | 0.798 | 0.784 | 0.810 |
| 6 Point | Linear | 0.882 | 0.875 | 0.888 |
| 7 Point | Linear | 0.852 | 0.864 | 0.833 |
| 8 Point | Linear | 0.556 | 0.651 | 0.435 |
| 9 Point | Linear | 0.446 | 0.570 | 0.296 |
| 10 Point | Linear | 0.240 | 0.424 | 0.076 |
| 4 Point | Expon'l | 0.677 | 0.672 | 0.679 |
| 5 Point | Expon'l | 0.790 | 0.777 | 0.803 |
| 6 Point | Expon'l | 0.880 | 0.872 | 0.887 |
| 7 Point | Expon'l | 0.849 | 0.859 | 0.832 |
| 8 Point | Expon'l | 0.565 | 0.658 | 0.444 |
| 9 Point | Expon'l | 0.459 | 0.579 | 0.308 |
| 10 Point | Expon'l | 0.254 | 0.438 | 0.081 |
| MEDICAL | | Average | | |
| r ² | | (Pd & Inc) | (Incur) | (Pd-20) |
| 4 Point | Linear | 0.294 | 0.391 | 0.185 |
| 5 Point | Linear | 0.491 | 0.605 | 0.333 |
| 6 Point | Linear | 0.084 | 0.091 | 0.071 |
| 7 Point | Linear | 0.028 | 0.015 | 0.049 |
| 8 Point | Linear | 0.071 | 0.018 | 0.168 |
| 9 Point | Linear | 0.201 | 0.122 | 0.294 |
| 10 Point | Linear | 0.404 | 0.316 | 0.484 |
| 4 Point | Expon'l | 0.302 | 0.398 | 0.190 |
| 5 Point | Expon'l | 0.504 | 0.617 | 0.342 |
| 6 Point | Expon'l | 0.085 | 0.092 | 0.070 |
| 7 Point | Expon'l | 0.026 | 0.014 | 0.047 |
| 8 Point | Expon'l | 0.069 | 0.016 | 0.168 |
| 9 Point | Expon'l | 0.202 | 0.121 | 0.299 |
| 10 Point | Expon'l | 0.409 | 0.321 | 0.490 |

| INDEMNITY | | Loss Ratio | Loss | Loss |
|---------------|--------|------------|---------|---------|
| Linear | Policy | Average | Ratio | Ratio |
| FITTED | Year | (Pd & Inc) | (Incur) | (Pd-20) |
| 4 Point | 2002 | 0.4948 | 0.4674 | 0.5223 |
| | 2003 | 0.4777 | 0.4484 | 0.5070 |
| | 2004 | 0.4606 | 0.4294 | 0.4917 |
| | 2005 | 0.4435 | 0.4105 | 0.4764 |
| 5 Point | 2001 | 0.5104 | 0.4833 | 0.5376 |
| | 2002 | 0.4938 | 0.4654 | 0.5223 |
| | 2003 | 0.4772 | 0.4474 | 0.5070 |
| | 2004 | 0.4606 | 0.4294 | 0.4917 |
| | 2005 | 0.4440 | 0.4115 | 0.4764 |
| 6 Point | 2000 | 0.5371 | 0.5120 | 0.5622 |
| | 2001 | 0.5178 | 0.4911 | 0.5444 |
| | 2002 | 0.4984 | 0.4702 | 0.5265 |
| | 2003 | 0.4790 | 0.4494 | 0.5087 |
| | 2004 | 0.4597 | 0.4285 | 0.4909 |
| | 2005 | 0.4403 | 0.4076 | 0.4730 |
| 7 Point | 1999 | 0.5434 | 0.5209 | 0.5660 |
| | 2000 | 0.5271 | 0.5028 | 0.5514 |
| | 2001 | 0.5107 | 0.4847 | 0.5368 |
| | 2002 | 0.4944 | 0.4666 | 0.5222 |
| | 2003 | 0.4780 | 0.4484 | 0.5076 |
| | 2004 | 0.4617 | 0.4303 | 0.4930 |
| | 2005 | 0.4453 | 0.4122 | 0.4784 |
| 8 Point | 1998 | 0.5320 | 0.5129 | 0.5511 |
| | 1999 | 0.5212 | 0.5000 | 0.5424 |
| | 2000 | 0.5104 | 0.4871 | 0.5337 |
| | 2001 | 0.4996 | 0.4742 | 0.5250 |
| | 2002 | 0.4888 | 0.4613 | 0.5163 |
| | 2003 | 0.4780 | 0.4484 | 0.5076 |
| | 2004 | 0.4672 | 0.4355 | 0.4989 |
| | 2005 | 0.4565 | 0.4226 | 0.4902 |
| 9 Point | 1997 | 0.5276 | 0.5107 | 0.5445 |
| | 1998 | 0.5195 | 0.5005 | 0.5385 |
| | 1999 | 0.5114 | 0.4902 | 0.5325 |
| | 2000 | 0.5033 | 0.4800 | 0.5265 |
| | 2001 | 0.4951 | 0.4698 | 0.5205 |
| | 2002 | 0.4870 | 0.4595 | 0.5145 |
| | 2003 | 0.4789 | 0.4493 | 0.5085 |
| | 2004 | 0.4708 | 0.4391 | 0.5025 |
| | 2005 | 0.4627 | 0.4289 | 0.4965 |
| 10 Point | 1996 | 0.5168 | 0.5038 | 0.5298 |
| | 1997 | 0.5117 | 0.4963 | 0.5271 |
| | 1998 | 0.5065 | 0.4887 | 0.5243 |
| | 1999 | 0.5014 | 0.4812 | 0.5216 |
| | 2000 | 0.4963 | 0.4737 | 0.5189 |
| | 2001 | 0.4912 | 0.4662 | 0.5161 |
| | 2002 | 0.4860 | 0.4586 | 0.5134 |
| | 2003 | 0.4809 | 0.4511 | 0.5107 |
| | 2004 | 0.4758 | 0.4436 | 0.5080 |
| | 2005 | 0.4707 | 0.4361 | 0.5052 |

| INDEMNITY Expon'l FITTED | Policy Year | Loss Ratio Average (Pd & Inc) | Loss Ratio (Incur) | Loss Ratio (Pd-20) |
|---------------------------------------|----------------|-------------------------------------|--------------------------|--------------------------|
| 4 Point | 2002 | 0.4952 | 0.4678 | 0.5227 |
| | 2003 | 0.4773 | 0.4478 | 0.5067 |
| | 2004 | 0.4600 | 0.4287 | 0.4912 |
| | 2005 | 0.4433 | 0.4104 | 0.4762 |
| 5 Point | 2001 | 0.5112 | 0.4842 | 0.5382 |
| | 2002 | 0.4935 | 0.4650 | 0.5221 |
| | 2003 | 0.4765 | 0.4465 | 0.5064 |
| | 2004 | 0.4600 | 0.4287 | 0.4912 |
| | 2005 | 0.4441 | 0.4116 | 0.4765 |
| 6 Point | 2000 | 0.5382 | 0.5134 | 0.5631 |
| | 2001 | 0.5173 | 0.4906 | 0.5440 |
| | 2002 | 0.4972 | 0.4688 | 0.5256 |
| | 2003 | 0.4779 | 0.4479 | 0.5078 |
| | 2004 | 0.4593 | 0.4280 | 0.4906 |
| | 2005 | 0.4415 | 0.4090 | 0.4740 |
| 7 Point | 1999 | 0.5451 | 0.5231 | 0.5672 |
| | 2000 | 0.5272 | 0.5029 | 0.5514 |
| | 2001 | 0.5099 | 0.4835 | 0.5361 |
| | 2002 | 0.4931 | 0.4649 | 0.5212 |
| | 2003 | 0.4769 | 0.4470 | 0.5067 |
| | 2004 | 0.4612 | 0.4298 | 0.4926 |
| | 2005 | 0.4461 | 0.4132 | 0.4789 |
| 8 Point | 1998 | 0.5330 | 0.5147 | 0.5515 |
| | 1999 | 0.5213 | 0.5004 | 0.5423 |
| | 2000 | 0.5098 | 0.4865 | 0.5332 |
| | 2001 | 0.4986 | 0.4729 | 0.5242 |
| | 2002 | 0.4876 | 0.4598 | 0.5154 |
| | 2003 | 0.4769 | 0.4470 | 0.5067 |
| | 2004 | 0.4664 | 0.4346 | 0.4982 |
| | 2005 | 0.4561 | 0.4225 | 0.4898 |
| | 2006 | 0.4461 | 0.4132 | 0.4789 |
| 9 Point | 1997 | 0.5286 | 0.5125 | 0.5448 |
| | 1998 | 0.5198 | 0.5011 | 0.5385 |
| | 1999 | 0.5111 | 0.4900 | 0.5321 |
| | 2000 | 0.5025 | 0.4791 | 0.5259 |
| | 2001 | 0.4941 | 0.4684 | 0.5197 |
| | 2002 | 0.4859 | 0.4580 | 0.5136 |
| | 2003 | 0.4778 | 0.4478 | 0.5076 |
| | 2004 | 0.4698 | 0.4379 | 0.5016 |
| | 2005 | 0.4619 | 0.4282 | 0.4957 |
| 10 Point | 1996 | 0.5173 | 0.5053 | 0.5295 |
| | 1997 | 0.5118 | 0.4969 | 0.5267 |
| | 1998 | 0.5063 | 0.4887 | 0.5238 |
| | 1999 | 0.5008 | 0.4806 | 0.5210 |
| | 2000 | 0.4955 | 0.4726 | 0.5181 |
| | 2001 | 0.4902 | 0.4648 | 0.5153 |
| | 2002 | 0.4849 | 0.4571 | 0.5125 |
| | 2003 | 0.4797 | 0.4496 | 0.5097 |
| | 2004 | 0.4745 | 0.4421 | 0.5070 |
| | 2005 | 0.4694 | 0.4348 | 0.5042 |

| MEDICAL Linear FITTED | Policy Year | Loss Ratio Average (Pd & Inc) | Loss Ratio (Incur) | Loss Ratio (Pd-20) |
|------------------------------------|----------------|-------------------------------------|--------------------------|--------------------------|
| 4 Point | 2002 | 0.4756 | 0.4731 | 0.4782 |
| | 2003 | 0.4847 | 0.4843 | 0.4850 |
| | 2004 | 0.4937 | 0.4956 | 0.4918 |
| | 2005 | 0.5028 | 0.5068 | 0.4986 |
| 5 Point | 2001 | 0.4644 | 0.4584 | 0.4704 |
| | 2002 | 0.4742 | 0.4708 | 0.4775 |
| | 2003 | 0.4840 | 0.4832 | 0.4847 |
| | 2004 | 0.4937 | 0.4956 | 0.4918 |
| | 2005 | 0.5035 | 0.5080 | 0.4990 |
| 6 Point | 2000 | 0.4786 | 0.4771 | 0.4800 |
| | 2001 | 0.4818 | 0.4810 | 0.4826 |
| | 2002 | 0.4851 | 0.4849 | 0.4852 |
| | 2003 | 0.4883 | 0.4889 | 0.4877 |
| | 2004 | 0.4916 | 0.4928 | 0.4903 |
| | 2005 | 0.4948 | 0.4967 | 0.4929 |
| 7 Point | 1999 | 0.4830 | 0.4847 | 0.4812 |
| | 2000 | 0.4845 | 0.4860 | 0.4829 |
| | 2001 | 0.4860 | 0.4872 | 0.4846 |
| | 2002 | 0.4874 | 0.4885 | 0.4863 |
| | 2003 | 0.4889 | 0.4897 | 0.4880 |
| | 2004 | 0.4904 | 0.4910 | 0.4897 |
| | 2005 | 0.4919 | 0.4923 | 0.4914 |
| 8 Point | 1998 | 0.4790 | 0.4841 | 0.4739 |
| | 1999 | 0.4810 | 0.4852 | 0.4768 |
| | 2000 | 0.4830 | 0.4863 | 0.4796 |
| | 2001 | 0.4849 | 0.4875 | 0.4824 |
| | 2002 | 0.4869 | 0.4886 | 0.4852 |
| | 2003 | 0.4889 | 0.4897 | 0.4880 |
| | 2004 | 0.4909 | 0.4909 | 0.4908 |
| | 2005 | 0.4929 | 0.4920 | 0.4937 |
| 9 Point | 1997 | 0.4705 | 0.4735 | 0.4676 |
| | 1998 | 0.4736 | 0.4763 | 0.4710 |
| | 1999 | 0.4768 | 0.4791 | 0.4745 |
| | 2000 | 0.4799 | 0.4819 | 0.4779 |
| | 2001 | 0.4830 | 0.4847 | 0.4813 |
| | 2002 | 0.4862 | 0.4875 | 0.4848 |
| | 2003 | 0.4893 | 0.4903 | 0.4882 |
| | 2004 | 0.4924 | 0.4931 | 0.4917 |
| | 2005 | 0.4956 | 0.4959 | 0.4951 |
| 10 Point | 1996 | 0.4545 | 0.4567 | 0.4523 |
| | 1997 | 0.4597 | 0.4617 | 0.4576 |
| | 1998 | 0.4648 | 0.4667 | 0.4629 |
| | 1999 | 0.4700 | 0.4717 | 0.4683 |
| | 2000 | 0.4752 | 0.4767 | 0.4736 |
| | 2001 | 0.4803 | 0.4818 | 0.4789 |
| | 2002 | 0.4855 | 0.4868 | 0.4842 |
| | 2003 | 0.4906 | 0.4918 | 0.4895 |
| | 2004 | 0.4958 | 0.4968 | 0.4948 |
| | 2005 | 0.5010 | 0.5018 | 0.5001 |

| MEDICAL Expon'l FITTED | Policy Year | Loss Ratio Average (Pd & Inc) | Loss Ratio (Incur) | Loss Ratio (Pd-20) |
|-------------------------------------|----------------|-------------------------------------|--------------------------|--------------------------|
| 4 Point | 2002 | 0.4755 | 0.4729 | 0.4780 |
| | 2003 | 0.4843 | 0.4839 | 0.4847 |
| | 2004 | 0.4934 | 0.4952 | 0.4915 |
| | 2005 | 0.5026 | 0.5067 | 0.4984 |
| 5 Point | 2001 | 0.4645 | 0.4586 | 0.4704 |
| | 2002 | 0.4739 | 0.4705 | 0.4773 |
| | 2003 | 0.4836 | 0.4827 | 0.4844 |
| | 2004 | 0.4934 | 0.4952 | 0.4915 |
| | 2005 | 0.5034 | 0.5081 | 0.4988 |
| 6 Point | 2000 | 0.4784 | 0.4767 | 0.4799 |
| | 2001 | 0.4815 | 0.4805 | 0.4824 |
| | 2002 | 0.4847 | 0.4844 | 0.4849 |
| | 2003 | 0.4879 | 0.4884 | 0.4874 |
| | 2004 | 0.4912 | 0.4923 | 0.4900 |
| | 2005 | 0.4944 | 0.4963 | 0.4925 |
| 7 Point | 1999 | 0.4828 | 0.4843 | 0.4812 |
| | 2000 | 0.4843 | 0.4856 | 0.4828 |
| | 2001 | 0.4857 | 0.4868 | 0.4845 |
| | 2002 | 0.4871 | 0.4880 | 0.4861 |
| | 2003 | 0.4885 | 0.4893 | 0.4877 |
| | 2004 | 0.4900 | 0.4905 | 0.4894 |
| | 2005 | 0.4914 | 0.4918 | 0.4910 |
| 8 Point | 1998 | 0.4789 | 0.4839 | 0.4739 |
| | 1999 | 0.4809 | 0.4850 | 0.4767 |
| | 2000 | 0.4828 | 0.4860 | 0.4794 |
| | 2001 | 0.4847 | 0.4871 | 0.4822 |
| | 2002 | 0.4866 | 0.4882 | 0.4849 |
| | 2003 | 0.4885 | 0.4893 | 0.4877 |
| | 2004 | 0.4905 | 0.4903 | 0.4905 |
| | 2005 | 0.4924 | 0.4914 | 0.4934 |
| 9 Point | 1997 | 0.4704 | 0.4732 | 0.4676 |
| | 1998 | 0.4735 | 0.4759 | 0.4709 |
| | 1999 | 0.4765 | 0.4787 | 0.4743 |
| | 2000 | 0.4796 | 0.4815 | 0.4777 |
| | 2001 | 0.4827 | 0.4842 | 0.4811 |
| | 2002 | 0.4858 | 0.4870 | 0.4845 |
| | 2003 | 0.4889 | 0.4898 | 0.4880 |
| | 2004 | 0.4921 | 0.4927 | 0.4914 |
| 10 Point | 1996 | 0.4542 | 0.4562 | 0.4521 |
| | 1997 | 0.4592 | 0.4611 | 0.4573 |
| | 1998 | 0.4643 | 0.4660 | 0.4625 |
| | 1999 | 0.4694 | 0.4710 | 0.4677 |
| | 2000 | 0.4746 | 0.4760 | 0.4730 |
| | 2001 | 0.4798 | 0.4811 | 0.4784 |
| | 2002 | 0.4851 | 0.4862 | 0.4838 |
| | 2003 | 0.4904 | 0.4914 | 0.4893 |
| | 2004 | 0.4958 | 0.4967 | 0.4949 |
| 2005 | 0.5013 | 0.5020 | 0.5005 | |

| INDEMNITY Linear RESIDUALS | Policy Year | Loss Ratio Average (Pd & Inc) | Loss Ratio (Incur) | Loss Ratio (Pd-20) |
|----------------------------------|----------------|-------------------------------------|--------------------------|--------------------------|
| 4 Point | 2002 | 0.0020 | 0.0036 | 0.0004 |
| | 2003 | -0.0133 | -0.0166 | -0.0101 |
| | 2004 | 0.0207 | 0.0224 | 0.0190 |
| | 2005 | -0.0094 | -0.0094 | -0.0093 |
| 5 Point | 2001 | -0.0010 | -0.0020 | 0.0000 |
| | 2002 | 0.0030 | 0.0056 | 0.0004 |
| | 2003 | -0.0128 | -0.0156 | -0.0101 |
| | 2004 | 0.0207 | 0.0224 | 0.0190 |
| | 2005 | -0.0099 | -0.0104 | -0.0093 |
| 6 Point | 2000 | 0.0092 | 0.0098 | 0.0085 |
| | 2001 | -0.0084 | -0.0098 | -0.0068 |
| | 2002 | -0.0016 | 0.0008 | -0.0038 |
| | 2003 | -0.0146 | -0.0176 | -0.0118 |
| | 2004 | 0.0216 | 0.0233 | 0.0198 |
| | 2005 | -0.0062 | -0.0065 | -0.0059 |
| 7 Point | 1999 | -0.0150 | -0.0138 | -0.0163 |
| | 2000 | 0.0192 | 0.0190 | 0.0193 |
| | 2001 | -0.0013 | -0.0034 | 0.0008 |
| | 2002 | 0.0024 | 0.0044 | 0.0005 |
| | 2003 | -0.0136 | -0.0166 | -0.0107 |
| | 2004 | 0.0196 | 0.0215 | 0.0177 |
| | 2005 | -0.0112 | -0.0111 | -0.0113 |
| 8 Point | 1998 | -0.0390 | -0.0366 | -0.0413 |
| | 1999 | 0.0072 | 0.0071 | 0.0073 |
| | 2000 | 0.0359 | 0.0347 | 0.0370 |
| | 2001 | 0.0098 | 0.0071 | 0.0126 |
| | 2002 | 0.0080 | 0.0097 | 0.0064 |
| | 2003 | -0.0136 | -0.0166 | -0.0107 |
| | 2004 | 0.0141 | 0.0163 | 0.0118 |
| | 2005 | -0.0224 | -0.0215 | -0.0231 |
| 9 Point | 1997 | -0.0250 | -0.0249 | -0.0252 |
| | 1998 | -0.0265 | -0.0242 | -0.0287 |
| | 1999 | 0.0170 | 0.0169 | 0.0172 |
| | 2000 | 0.0430 | 0.0418 | 0.0442 |
| | 2001 | 0.0143 | 0.0115 | 0.0171 |
| | 2002 | 0.0098 | 0.0115 | 0.0082 |
| | 2003 | -0.0145 | -0.0175 | -0.0116 |
| | 2004 | 0.0105 | 0.0127 | 0.0082 |
| 10 Point | 1996 | -0.0358 | -0.0325 | -0.0392 |
| | 1997 | -0.0091 | -0.0105 | -0.0078 |
| | 1998 | -0.0135 | -0.0124 | -0.0145 |
| | 1999 | 0.0270 | 0.0259 | 0.0281 |
| | 2000 | 0.0500 | 0.0481 | 0.0518 |
| | 2001 | 0.0182 | 0.0151 | 0.0215 |
| | 2002 | 0.0108 | 0.0124 | 0.0093 |
| | 2003 | -0.0165 | -0.0193 | -0.0138 |
| | 2004 | 0.0055 | 0.0082 | 0.0027 |
| | 2005 | -0.0366 | -0.0350 | -0.0381 |

| INDEMNITY Expon'l RESIDUALS | Policy Year | Loss Ratio Average (Pd & Inc) | Loss Ratio (Incur) | Loss Ratio (Pd-20) |
|--|----------------|-------------------------------------|--------------------------|--------------------------|
| 4 Point | 2002 | 0.0016 | 0.0032 | 0.0000 |
| | 2003 | -0.0129 | -0.0160 | -0.0098 |
| | 2004 | 0.0213 | 0.0231 | 0.0195 |
| | 2005 | -0.0092 | -0.0093 | -0.0091 |
| 5 Point | 2001 | -0.0018 | -0.0029 | -0.0006 |
| | 2002 | 0.0033 | 0.0060 | 0.0006 |
| | 2003 | -0.0121 | -0.0147 | -0.0095 |
| | 2004 | 0.0213 | 0.0231 | 0.0195 |
| | 2005 | -0.0100 | -0.0105 | -0.0094 |
| 6 Point | 2000 | 0.0081 | 0.0084 | 0.0076 |
| | 2001 | -0.0079 | -0.0093 | -0.0064 |
| | 2002 | -0.0004 | 0.0022 | -0.0029 |
| | 2003 | -0.0135 | -0.0161 | -0.0109 |
| | 2004 | 0.0220 | 0.0238 | 0.0201 |
| | 2005 | -0.0074 | -0.0079 | -0.0069 |
| 7 Point | 1999 | -0.0167 | -0.0160 | -0.0175 |
| | 2000 | 0.0191 | 0.0189 | 0.0193 |
| | 2001 | -0.0005 | -0.0022 | 0.0015 |
| | 2002 | 0.0037 | 0.0061 | 0.0015 |
| | 2003 | -0.0125 | -0.0152 | -0.0098 |
| | 2004 | 0.0201 | 0.0220 | 0.0181 |
| | 2005 | -0.0120 | -0.0121 | -0.0118 |
| 8 Point | 1998 | -0.0400 | -0.0384 | -0.0417 |
| | 1999 | 0.0071 | 0.0067 | 0.0074 |
| | 2000 | 0.0365 | 0.0353 | 0.0375 |
| | 2001 | 0.0108 | 0.0084 | 0.0134 |
| | 2002 | 0.0092 | 0.0112 | 0.0073 |
| | 2003 | -0.0125 | -0.0152 | -0.0098 |
| | 2004 | 0.0149 | 0.0172 | 0.0125 |
| | 2005 | -0.0220 | -0.0214 | -0.0227 |
| 9 Point | 1997 | -0.0260 | -0.0267 | -0.0255 |
| | 1998 | -0.0268 | -0.0248 | -0.0287 |
| | 1999 | 0.0173 | 0.0171 | 0.0176 |
| | 2000 | 0.0438 | 0.0427 | 0.0448 |
| | 2001 | 0.0153 | 0.0129 | 0.0179 |
| | 2002 | 0.0109 | 0.0130 | 0.0091 |
| | 2003 | -0.0134 | -0.0160 | -0.0107 |
| | 2004 | 0.0115 | 0.0139 | 0.0091 |
| | 2005 | -0.0278 | -0.0271 | -0.0286 |
| 10 Point | 1996 | -0.0363 | -0.0340 | -0.0389 |
| | 1997 | -0.0092 | -0.0111 | -0.0074 |
| | 1998 | -0.0133 | -0.0124 | -0.0140 |
| | 1999 | 0.0276 | 0.0265 | 0.0287 |
| | 2000 | 0.0508 | 0.0492 | 0.0526 |
| | 2001 | 0.0192 | 0.0165 | 0.0223 |
| | 2002 | 0.0119 | 0.0139 | 0.0102 |
| | 2003 | -0.0153 | -0.0178 | -0.0128 |
| | 2004 | 0.0068 | 0.0097 | 0.0037 |
| | 2005 | -0.0353 | -0.0337 | -0.0371 |

| MEDICAL Linear RESIDUALS | Policy Year | Loss Ratio Average (Pd & Inc) | Loss Ratio (Incur) | Loss Ratio (Pd-20) |
|---------------------------------------|----------------|-------------------------------------|--------------------------|--------------------------|
| 4 Point | 2002 | 0.0002 | 0.0027 | -0.0024 |
| | 2003 | -0.0131 | -0.0163 | -0.0097 |
| | 2004 | 0.0256 | 0.0244 | 0.0267 |
| | 2005 | -0.0127 | -0.0108 | -0.0145 |
| 5 Point | 2001 | -0.0014 | -0.0022 | -0.0007 |
| | 2002 | 0.0016 | 0.0050 | -0.0017 |
| | 2003 | -0.0124 | -0.0152 | -0.0094 |
| | 2004 | 0.0256 | 0.0244 | 0.0267 |
| | 2005 | -0.0134 | -0.0120 | -0.0149 |
| 6 Point | 2000 | 0.0218 | 0.0283 | 0.0153 |
| | 2001 | -0.0188 | -0.0248 | -0.0129 |
| | 2002 | -0.0093 | -0.0091 | -0.0094 |
| | 2003 | -0.0167 | -0.0209 | -0.0124 |
| | 2004 | 0.0277 | 0.0272 | 0.0282 |
| | 2005 | -0.0047 | -0.0007 | -0.0088 |
| 7 Point | 1999 | 0.0088 | 0.0132 | 0.0044 |
| | 2000 | 0.0159 | 0.0195 | 0.0124 |
| | 2001 | -0.0230 | -0.0310 | -0.0149 |
| | 2002 | -0.0116 | -0.0127 | -0.0105 |
| | 2003 | -0.0173 | -0.0217 | -0.0127 |
| | 2004 | 0.0289 | 0.0290 | 0.0288 |
| | 2005 | -0.0018 | 0.0037 | -0.0073 |
| 8 Point | 1998 | -0.0035 | 0.0009 | -0.0078 |
| | 1999 | 0.0108 | 0.0127 | 0.0088 |
| | 2000 | 0.0174 | 0.0191 | 0.0157 |
| | 2001 | -0.0219 | -0.0313 | -0.0127 |
| | 2002 | -0.0111 | -0.0128 | -0.0094 |
| | 2003 | -0.0173 | -0.0217 | -0.0127 |
| | 2004 | 0.0284 | 0.0291 | 0.0277 |
| | 2005 | -0.0028 | 0.0040 | -0.0096 |
| 9 Point | 1997 | -0.0108 | -0.0157 | -0.0059 |
| | 1998 | 0.0019 | 0.0087 | -0.0049 |
| | 1999 | 0.0150 | 0.0188 | 0.0111 |
| | 2000 | 0.0205 | 0.0235 | 0.0174 |
| | 2001 | -0.0200 | -0.0285 | -0.0116 |
| | 2002 | -0.0104 | -0.0117 | -0.0090 |
| | 2003 | -0.0177 | -0.0223 | -0.0129 |
| | 2004 | 0.0269 | 0.0269 | 0.0268 |
| | 2005 | -0.0055 | 0.0001 | -0.0110 |
| 10 Point | 1996 | -0.0243 | -0.0263 | -0.0223 |
| | 1997 | 0.0000 | -0.0039 | 0.0041 |
| | 1998 | 0.0107 | 0.0183 | 0.0032 |
| | 1999 | 0.0218 | 0.0262 | 0.0173 |
| | 2000 | 0.0252 | 0.0287 | 0.0217 |
| | 2001 | -0.0173 | -0.0256 | -0.0092 |
| | 2002 | -0.0097 | -0.0110 | -0.0084 |
| | 2003 | -0.0190 | -0.0238 | -0.0142 |
| | 2004 | 0.0235 | 0.0232 | 0.0237 |
| | 2005 | -0.0109 | -0.0058 | -0.0160 |

| MEDICAL Expon'l RESIDUALS | Policy Year | Loss Ratio Average (Pd & Inc) | Loss Ratio (Incur) | Loss Ratio (Pd-20) |
|--|----------------|-------------------------------------|--------------------------|--------------------------|
| 4 Point | 2002 | 0.0003 | 0.0029 | -0.0022 |
| | 2003 | -0.0127 | -0.0159 | -0.0094 |
| | 2004 | 0.0259 | 0.0248 | 0.0270 |
| | 2005 | -0.0125 | -0.0107 | -0.0143 |
| 5 Point | 2001 | -0.0015 | -0.0024 | -0.0007 |
| | 2002 | 0.0019 | 0.0053 | -0.0015 |
| | 2003 | -0.0120 | -0.0147 | -0.0091 |
| | 2004 | 0.0259 | 0.0248 | 0.0270 |
| | 2005 | -0.0133 | -0.0121 | -0.0147 |
| 6 Point | 2000 | 0.0220 | 0.0287 | 0.0154 |
| | 2001 | -0.0185 | -0.0243 | -0.0127 |
| | 2002 | -0.0089 | -0.0086 | -0.0091 |
| | 2003 | -0.0163 | -0.0204 | -0.0121 |
| | 2004 | 0.0281 | 0.0277 | 0.0285 |
| | 2005 | -0.0043 | -0.0003 | -0.0084 |
| 7 Point | 1999 | 0.0090 | 0.0136 | 0.0044 |
| | 2000 | 0.0161 | 0.0198 | 0.0125 |
| | 2001 | -0.0227 | -0.0306 | -0.0148 |
| | 2002 | -0.0113 | -0.0122 | -0.0103 |
| | 2003 | -0.0169 | -0.0213 | -0.0124 |
| | 2004 | 0.0293 | 0.0295 | 0.0291 |
| | 2005 | -0.0013 | 0.0042 | -0.0069 |
| 8 Point | 1998 | -0.0034 | 0.0011 | -0.0078 |
| | 1999 | 0.0109 | 0.0129 | 0.0089 |
| | 2000 | 0.0176 | 0.0194 | 0.0159 |
| | 2001 | -0.0217 | -0.0309 | -0.0125 |
| | 2002 | -0.0108 | -0.0124 | -0.0091 |
| | 2003 | -0.0169 | -0.0213 | -0.0124 |
| | 2004 | 0.0288 | 0.0297 | 0.0280 |
| | 2005 | -0.0023 | 0.0046 | -0.0093 |
| 9 Point | 1997 | -0.0107 | -0.0154 | -0.0059 |
| | 1998 | 0.0020 | 0.0091 | -0.0048 |
| | 1999 | 0.0153 | 0.0192 | 0.0113 |
| | 2000 | 0.0208 | 0.0239 | 0.0176 |
| | 2001 | -0.0197 | -0.0280 | -0.0114 |
| | 2002 | -0.0100 | -0.0112 | -0.0087 |
| | 2003 | -0.0173 | -0.0218 | -0.0127 |
| | 2004 | 0.0272 | 0.0273 | 0.0271 |
| | 2005 | -0.0052 | 0.0005 | -0.0108 |
| 10 Point | 1996 | -0.0240 | -0.0258 | -0.0221 |
| | 1997 | 0.0005 | -0.0033 | 0.0044 |
| | 1998 | 0.0112 | 0.0190 | 0.0036 |
| | 1999 | 0.0224 | 0.0269 | 0.0179 |
| | 2000 | 0.0258 | 0.0294 | 0.0223 |
| | 2001 | -0.0168 | -0.0249 | -0.0087 |
| | 2002 | -0.0093 | -0.0104 | -0.0080 |
| | 2003 | -0.0188 | -0.0234 | -0.0140 |
| | 2004 | 0.0235 | 0.0233 | 0.0236 |
| | 2005 | -0.0112 | -0.0060 | -0.0164 |