# Sources and Methods: A Companion to Workers' Compensation: Benefits, Coverage, and Costs, 2006 August 2008

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### Introduction

The report, *Workers' Compensation: Benefits, Coverage, and Costs, 2006*, provide estimates of total workers' compensation benefits paid in the United States and in each state separately, including the District of Columbia. The report reviews trends in workers' compensation costs and benefits and the relationship of workers' compensation to other disability benefit programs. This document, *Sources and Methods*, describes the sources of data and methods used to produce the state-level estimates of workers' compensation benefits in calendar year 2006.

The purpose of this document is to state the sources of information and the exact methods used to estimate benefits in each state. It allows comparisons across states in data availability and record keeping activities. We hope that publishing this companion to the report will lead to discussions about improving and refining state record and information systems, which will ultimately improve the quality of data and aid understanding trends in state and national workers' compensation benefits and costs.

# State-Level Estimates

The state-level estimates show benefits paid through: (a) private insurance carriers, (b) self-insured employers, and (c) a state fund, if there is one. They also show the share of benefits that are for medical care as distinct from cash indemnity benefits. Finally, they show separately the amount of benefits paid under deductible arrangements.

#### Sources of Data

State agencies were the informational foundation for the estimates. In some cases, state agencies provided all the needed information. In other cases they provided partial information. In still others, they did not have the exact the data requested, but provided related data, which we used to make estimates. For example, a state might have information on benefits paid only on cases closed in a particular year, not on all benefits paid in that calendar year.

Workers' Compensation: Benefits, Coverage, and Costs, 2006 contains eight appendices that provide further information on data sources and estimation procedures.

Appendix A estimates workers' compensation coverage.

Appendix B provides a sample of the questionnaire given to state agencies.

Appendix C lists the data sources.

Appendix D gives the revised data estimates of the previous years from 2002-2005.

Appendix E describes the methodology of self-insured benefit estimation.

Appendix F describes the medical benefits estimation.

<u>Appendix G</u> provide methods of deductible estimation.

Appendix H provides totals for federal programs of workers' compensation.

Please note that this document provides rounded numbers. For ratios and percentages, this rounding may affect the result the reader obtains by replicating our methods.

\*Please note: if you would like to print specific pages of this document, you will need to: Select the desired text by highlighting with your mouse cursor Select **print** from the **file** menu Specify the pages you want to print Click **OK** 

\*\*In order to open the *bookmarks* function, which allows for easier navigation through this document, click on **bookmarks** on the left hand side of the document window.

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# **Alabama**

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
Private State Self Private Carrier State fund					%				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
609,167	287,974	-	321,193	127,506	-	66.6%			

### Sources

Private Carrier – Department of Industrial Relations, Workers' Compensation Division Self Insurance – Department of Industrial Relations, Workers' Compensation Division Deductibles – Method B, Subtraction (Refer to <u>Appendix G</u>)

Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

# **Private Carrier Payments**

The state agency provided total calendar year benefits paid by private carriers, \$287,974 thousand.

# **Self-Insurance Payments**

The state agency provided total calendar year benefits paid by self-insured employers, \$321,193 thousand. No additional calculations were required.

### **Deductibles**

AM Best provides benefits figures, excluding policies with deductible benefits. These figures were subtracted from state agency figures, which included policies with deductible benefits. Thus, deductible benefits were estimated to be at (287,974 – 160,468 =) \$127,506 thousand.

### **Medical Benefits**

The procedure used to calculate medical benefits have been described in <u>Appendix F</u>, in Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# Alaska

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
	Private State Self Private Carrier State fund Perce								
Total	Total Carrier Fund Insurance Deductibles Deductibles Medic								
182,036	134,519	-	47,517	12,885	-	58.4%			

# **Sources**

Private Carrier – Department of Labor, Division of Workers' Compensation Self Insurance – Department of Labor, Division of Workers' Compensation 2<sup>nd</sup> Injury Fund – Department of Labor, Division of Workers' Compensation Deductibles – Method B, Subtraction (Refer to <u>Appendix G</u>) Medical – NCCI (Refer to <u>Appendix F</u>)

# Methods

### **Private Carrier Payments**

The state agency provided calendar year benefits paid by private carriers at \$132,377 thousand. It also provided calendar year benefits paid by the 2<sup>nd</sup> injury fund at \$2,899 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier to total benefits. Hence total private carrier benefits were estimated to be 132,377 + 2,899\*(132,377/179,137) = \$134,519 thousand which include the private carrier deductibles.

### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers at \$45,079 thousand.

The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self-insurance to total benefits. Hence total self insurance benefits were estimated to be 46,760 + 2,899\*(46,760 /179,137) = \$47,517 thousand.

### **Deductibles**

AM Best provides benefits figures, excluding policies with deductible benefits. These figures were subtracted from state agency figures, which include policies with deductible benefits. Thus, deductible benefits were estimated to be 132,377-119,492= \$12,885 thousand.

### **Medical Benefits**

# Arizona

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
	Private State Self Private Carrier State fund Per					Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
608,258	136,623	369,138	102,497	3,734	66,955	69.3%			

### Sources

Private Carrier – Industrial Commission
State Fund – Industrial Commission
Self Insurance – Industrial Commission
2<sup>nd</sup> Injury Fund – Industrial Commission
Deductibles – Industrial Commission, 2005; Method A, (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

### Methods

### **Private Carrier Payments**

The state agency provided calendar year benefits paid by private carriers at \$129,692 thousand.

It also provided calendar year total  $2^{nd}$  injury fund benefits at \$12,931 thousand. The private carrier share of the  $2^{nd}$  injury fund was estimated using the ratio of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 129,692 + 3,734 + 12,931 \* (129,692 /524,638) = \$136,623 thousand which included private carrier deductibles.

# **State Fund Payments**

The state agency provided calendar year benefits and deductibles paid by the State Fund at \$294,915 thousand.

The State Fund share of the  $2^{nd}$  injury fund was estimated using the ratio of state fund benefits to total benefits. Hence total State Fund benefits were estimated to be 294,915 + 66,955 + 12,931 \*(294,915 /524,638) = \$369,138 thousand which also included state fund deductibles.

# **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits at \$100,032 thousand.

The self insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self-insurance to total benefits. Hence total self insurance benefits were estimated to be 100,032 + 12,931 \* (100,032 / 524,638) = \$102,497 thousand.

# **Deductibles**

The Industrial Commission provided deductible information in 2005. Deductibles for 2006 were estimated assuming that the share of deductibles to non-deductible benefits did not change from 2005. Hence Private Carrier Deductibles were estimated to be 3,647/126,640 \*129,692=\$3,734 thousand and State Fund Deductibles were estimated to be 55,224/243,241 \* 294,915=\$66,955 thousand.

# **Medical Benefits**

# **Arkansas**

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)										
	Private State Self Private Carrier State fund Perc									
Total	otal Carrier Fund Insurance Deductibles Deductibles Me									
219,216	138,751	-	80,465	28,941	-	64.2%				

### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

# **Private Carriers Payments**

The state agency provided calendar year benefits paid by private carriers at \$101,555 thousand. Calendar year 2<sup>nd</sup> injury fund benefits were \$13,516 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated using the ratio of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 101,555 + 28,941 + 28,941 \* (101,555 / 166,266) = \$138,751 thousand which included private carrier deductibles.

### **Self-Insurance Benefits**

Self-insurance benefits were estimated as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

The self-insurance share of the 2<sup>nd</sup> injury fund was estimated using the share of self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated \$80,465 thousand.

#### **Deductibles**

Deductibles for Private Carriers were estimated to be \$28,941 thousand. Deductibles were estimated using Manual Equivalent Premiums. Refer to Appendix G, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

# California

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
Private State Self Private Carrier State fund Percer						Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
10,149,271	4,732,404	2,221,261	3,195,606	1,978,516	Not Allowed	50.4%		

### Sources

Private Carrier – Workers' Compensation Insurance Rating Bureau State Fund – AM Best

Self Insurance – Office of Self-Insurance Plans at the Department of Industrial Relations Deductibles – Method B, Subtraction (Refer to <u>Appendix G</u>)

Medical – Workers' Compensation Insurance Rating Bureau

### **Methods**

# **Private Carriers Payments**

The Rating Bureau provided total calendar year benefits paid by private carriers and the state fund, including benefits paid under deductible policies at \$6,953,665 thousand. A.M. Best provided total calendar year benefits paid by the state fund, \$2,221,261 thousand. Hence Private Carrier benefits paid were 6,953,665 - 2,221,261 = \$4,732,404 thousand.

### **State Fund Payments**

A.M. Best provided total calendar year benefits paid by the state fund at \$2,221,261 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$3,195,606 thousand.

### **Deductibles**

AM Best figures, which did not include deductible benefits, were subtracted from state agency figures, which included deductibles. Thus, deductible benefits were estimated to be 4,732,404 - 2,753,888 = \$1,978,516 thousand.

### **Medical Benefits**

The Rating Bureau and the Office of Self-Insurance Plans provided total medical benefits for insurance carriers and self-insurers. These were added to obtain total medical benefits, \$5,110,678 thousand, which were 50.4% of total benefits.

# Colorado

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
Private State Self Private Carrier State fund P					Percent					
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
870,908	242,970	429,401	198,537	56,548	99,938	49.2%				

#### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Division of Workers' Compensation

2<sup>nd</sup> Injury Fund – Division of Workers' Compensation
Deductibles – Manual Premium Method (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers at \$183,938 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$9,520 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated using the ratio of private carrier benefits obtained from AM Best to total benefits. Hence total private carrier benefits were estimated to be 183,938 + 56,548 + 9,520 \* (183,938 /704,902) = \$242,970 thousand which includes private carrier deductibles.

#### **State Fund**

AM Best provided calendar year benefits excluding deductibles paid by the state fund at \$325,073 thousand.

The state fund share of the  $2^{nd}$  injury fund was estimated using the ratio of state fund benefits to total benefits. Hence total state fund benefits were estimated to be 325,073 + 99,938 + 9,520 \*(325,073 /704,902) = \$429,401 thousand which included state fund deductibles.

### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$195,891 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated using the ratio of state self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 195,891 + 9,520 \*(195,891 /704,902) = \$198,537 thousand.

#### Deductibles

Deductibles for Private Carriers were estimated to be \$56,548 thousand Deductibles for the state fund were estimated to be \$99,938 thousand. Deductibles were estimated

using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Medical Benefits**

# Connecticut

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)										
	Private State Self Private Carrier State fund Per										
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical					
713,120	520,567	-	192,553	103,850	-	44.3%					

### Sources

Private Carrier – AM Best
Self Insurance – Workers' Compensation Commission

2<sup>nd</sup> Injury Fund – Workers' Compensation Commission
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$391,095 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$37,461 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated using the ratio of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 391,095 + 103,850 + 37,461 \* (391,095 /571,809) = \$520,567 thousand which included private carrier deductibles.

### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$180,714 thousand.

The self insurance share of the  $2^{nd}$  injury fund was estimated using the Agency's reported ratio of self insurance benefits to total benefits. Hence total self insurance benefits were estimated to be 180,714 + 37,461 \* (180,714 /571,809) = \$192,553 thousand.

### **Deductibles**

Deductibles for Private Carriers were estimated to be \$103,850 thousand. Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

### **Delaware**

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)										
	Private	State	Self	Private Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
206,623	152,083	-	54,540	37,484	-	58.2%				

### Sources

Private Carrier – AM Best

Self Insurance – Imputation (Refer to Appendix E)

2<sup>nd</sup> Injury Fund – Pennsylvania and Delaware Compensation Rating Bureau

Deductibles - Pennsylvania and Delaware Compensation Rating Bureau

Medical – Pennsylvania Compensation Rating Bureau

# Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$110,633 thousand. The rating bureau provided calendar year 2<sup>nd</sup> injury fund benefits, \$5,829 thousand,

The private carrier share of the  $2^{nd}$  injury fund was estimated using the ratio of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 110,633 + 37,484 + 5,829 \* (110,633 / 162,644) = \$152,083 thousand which included private carrier deductibles.

# **Self-Insurance Payments**

Self-insurance benefits were estimated as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

The self-insurance share of the 2<sup>nd</sup> injury fund was estimated using the ratio of self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be \$54,540 thousand.

### **Deductibles**

The rating bureau provided reimbursements to private carriers by firms under deductible arrangements, \$37,484 thousand.

# **Medical Benefits**

The rating bureau provided the share of medical benefit payments at 58.2%.

# **District of Columbia**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
	Private									
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
91,763	73,974	-	17,788	14,169	-	40.8%				

### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$59,805 thousand. Deductibles for Private Carriers were estimated to be \$14,169 thousand. Hence total private carrier benefits were estimated to be 59,805 + 14,169 = \$73,974 thousand.

### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$17,788 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# **Florida**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
2,532,864	2,022,564	-	510,300	674,555	-	64.0%				

# Sources

Private Carrier – AM Best
Self Insurance – Division of Workers' Compensation
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

# Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$1,348,009 thousand. Deductibles for Private Carriers were estimated to be \$674,555 thousand (see below). Hence total private carrier benefits were estimated to be 1,348,009 + 674,555 = \$2,022,564 thousand.

# **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$510,300 thousand.

#### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Georgia

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
1,210,174	867,268	-	342,905	254,821	-	50.4%			

### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$612,447 thousand. Deductibles for Private Carriers were estimated to be \$254,821 thousand (see below). Hence total private carrier benefits were estimated to be 612,447 + 254,821 = \$867,268 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$342,905 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Hawaii

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
242,685	132,967	30,315	79,403	35,240	9,523	40.7%			

### Sources

Private Carrier – The Department of Labor and Industrial Relations State Fund – AM Best
Self Insurance – The Department of Labor and Industrial Relations
2<sup>nd</sup> Injury Fund – The Department of Labor and Industrial Relations
Deductibles – Method B, Subtraction (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

### Methods

# **Private Carriers Payments**

The state agency provided total calendar year benefits paid by private carriers and the state fund, including benefits paid under deductible policies, \$152,021 thousand. A.M. Best provided calendar year benefits paid by private carriers excluding deductibles, \$88,442 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$18,805 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the ratio of private carrier benefits to total benefits. Total calendar year benefits paid by the state fund were \$18,816 thousand as provided by AM Best. State fund deductibles were estimated to be \$9,523 thousand (see below). Hence total private carrier benefits were estimated to be 152,021 -18,816 - 9,523 +18,805\*(88,442 /179,117) = \$132,967 thousand.

### State Fund

AM Best provided calendar year paid benefits by the state fund \$18,816 thousand. State fund deductibles were estimated to be \$9,523 thousand (see below). The state agency provided calendar year  $2^{nd}$  injury fund benefits, \$18,805 thousand.

The state fund share of the  $2^{nd}$  injury fund was estimated by using the ratio of state fund benefits to total benefits. Hence total state fund benefits were estimated to be 18,816 + 9,523 + 18,805\*(18,816 / 179,117) = \$30,315 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year self-insurance paid benefits at \$71,859 thousand.

The self insurance share of the  $2^{nd}$  injury fund was estimated using the ratio of self-insurance benefits to total benefits. Hence total self insurance benefits were estimated to be 71,859 + 18,805\*(71,859/179,117) = \$79,403 thousand.

### **Deductibles**

Total deductibles were estimated as the difference between AM Best provided calendar year paid benefits by private carriers and the state fund (\$107,258 thousand), and state agency provided total private carrier and state fund benefits (\$152,021 thousand). Hence total deductibles were 152,021-107,258=\$44,763 thousand. Of this, state fund deductibles were estimated by assuming the ratio of state fund deductibles to private carrier deductibles to be same as the ratio of state fund benefits to private carrier benefits. State fund deductibles were estimated to be \$9,523 thousand. Private Carrier deductibles were estimated by to be \$35,230 thousand.

### **Medical Benefits**

# Idaho

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
	Private									
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
238,212	56,028	143,428	38,756	6,650	17,023	62.0%				

### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$49,378 thousand. Deductibles for Private Carriers were estimated to be \$6,650 thousand (see below). Hence total private carrier benefits were estimated to be 49,378+6,650 = \$56,028 thousand.

### **State Fund Payments**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$126,405 thousand. Deductibles for the state fund were estimated to be \$17,023 thousand (see below). Hence total state fund benefits were estimated to be 126,405 + 17,023 = \$143,428 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$38,756 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Illinois

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
2,487,602	1,864,465	-	623,137	435,770	-	48.2%		

### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)

2<sup>nd</sup> Injury Fund – Illinois Workers' Compensation Commission
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year paid benefits by private carriers, \$1,427,880 thousand. Deductibles for Private Carriers were estimated to be \$435,770 thousand (see below). The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$1,189 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 1,427,880 +435,770 +1,189 \*(1,427,880 /2,082,195) = \$1,864,465 thousand.

### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$622,763 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of imputed self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 622,763 + 1,189 \* (654,315/2,082,195) = \$1,864,465 thousand.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Medical Benefits**

# Indiana

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
615,323	512,532	-	102,791	117,488	-	69.3%			

# Sources

Private Carrier – AM Best
Self Insurance – Imputation from prior data (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

# **Private Carriers Payments**

AM Best provided calendar year paid benefits by private carriers, \$395,044 thousand. Deductibles for Private Carriers were estimated to be \$117,488 thousand (see below). Hence total private carrier benefits were estimated to be 395,044 +117,488 = \$512,532 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$102,791 thousand as described in Step D, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### Deductibles

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Iowa

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
492,346	378,798	-	113,548	90,614	-	52.6%			

### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year paid benefits excluding deductibles by private carriers, \$288,184 thousand. Deductibles for Private Carriers were estimated to be \$90,614 thousand. Hence total private carrier benefits were estimated to be 288,184 + 90,614 = \$378,798 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$113,548 thousand as described in Step E, Appendix E, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

### Kansas

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
397,713	260,062	-	137,651	63,744	-	58.6%			

# Sources

Private Carrier – AM Best
Self Insurance – Imputation from prior data (Refer to <u>Appendix E</u>)

2<sup>nd</sup> Injury Fund - Division of Workers' Compensation
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to Appendix F)

### Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$194,242 thousand. Deductibles for Private Carriers were estimated to be \$63,744 thousand (see below). The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$3,499 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 194,242 +63,744 +3,499 \*(194,242 /327,387) = \$260,062 thousand.

### **Self-Insurance Payments**

Self-insurance benefits were estimated as described in Step D, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

The self-insurance share of the 2<sup>nd</sup> injury fund was estimated by distributing the ratio of estimated self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be \$137,651 thousand.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Kentucky

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
709,628	360,039	88,642	260,946	64,468	15,872	58.9%				

## Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding 2<sup>nd</sup> injury fund benefits and deductibles paid by private carriers, \$250,406 thousand. Calendar year 2<sup>nd</sup> injury fund benefits were \$92,128. Deductibles for Private Carriers were estimated to be \$64,468 thousand (see below).

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 250,406 +64,468 +92,128 \*(250,406 /511,839) = \$360,039 thousand.

# State Fund

AM Best provided calendar year benefits excluding 2<sup>nd</sup> injury fund benefits and deductibles paid by the state fund, \$61,670 thousand. State fund deductibles were estimated to be \$15,872 thousand (see below).

The state fund share of the  $2^{nd}$  injury fund was estimated by using the share of state fund benefits to total benefits. Hence total state fund benefits were estimated to be 61,670 + 15,872 + 92,128 \* (61,670 /511,839) = \$88,642 thousand.

# **Self-Insurance Payments**

Self-insurance benefits excluding the 2<sup>nd</sup> injury fund were estimated as described in Step E, Appendix E, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of imputed self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be \$260,946 thousand.

# **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Medical Benefits**

# Louisiana

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
578,804	329,550	125,275	123,979	87,747	33,356	52.8%		

### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Office of Workers' Compensation
Deductibles – Manual Premium Method (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits paid by private carriers, \$241,803 thousand. Deductibles for Private Carriers were estimated to be \$87,747 thousand (see below). Hence total private carrier benefits were estimated to be 241,803 + 87,747 = \$329,550 thousand.

### **State Fund Payments**

AM Best provided calendar year benefits paid by the state fund, \$91,919 thousand. Deductibles for the state fund were estimated to be \$33,356 thousand (see below). Hence total state fund benefits were estimated to be 91,919 + 33,356 = \$125,275 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$123,979 thousand.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Maine

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
	Private								
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
282,589	105,882	95,442	81,265	16,494	14,868	41.1%			

### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Bureau of Insurance
Deductibles – Manual Premium Method (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

# Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles, paid by private carriers, \$89,388 thousand. Deductibles for Private Carriers were estimated to be \$16,494 thousand (see below). Hence total private carrier benefits were estimated to be 89,388 + 16,494 = \$105,882 thousand.

# **State Fund Payments**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$80,574 thousand. Deductibles for the state fund were estimated to be \$14,868 thousand (see below). Hence total state fund benefits were estimated to be 80,574 + 14,868 = \$95,442 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$81,265 thousand.

#### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Maryland

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
	Private									
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
815,351	431,177	236,023	148,151	119,293	65,300	43.2%				

### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Bureau of Insurance
Deductibles – Manual Premium Method (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

### Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$311,884 thousand. Deductibles for Private Carriers were estimated to be \$119,293 thousand. Hence total private carrier benefits were estimated to be 311,884 + 119,293 = \$431,177 thousand.

# **State Fund Payments**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$170,723 thousand. Deductibles for the state fund were estimated to be \$65,300 thousand. Hence total state fund benefits were estimated to be 170,723 + 65,300 = \$236,023 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$148,151 thousand.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

# Massachusetts

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
934,660	781,807	-	152,853	172,821	-	35.3%				

### Sources

Private Carrier - AM Best

Self Insurance – Workers' Compensation Rating and Inspection Bureau , 2005 2<sup>nd</sup> Injury Fund – Workers' Compensation Rating and Inspection Bureau, 2005 Deductibles – Manual Premium Method, National Average (Refer to <u>Appendix G</u>) Medical – Workers' Compensation Rating and Inspection Bureau

### **Methods**

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$595,157 thousand. Deductibles for Private Carriers were estimated to be \$172,821 thousand (see below).

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 595,157 +172,821 +19,099 \*(595,157 /821,996) = \$781,807 thousand.

### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$149,382 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of estimated self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 149,382 + 19,099 \* (149,382 / 821,996) = \$152,853 thousand.

### **Deductibles**

Deductibles were estimated using the national average of Manual Equivalent Premium ratios. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

The rating bureau provided the percentage of medical benefits used, 35.3%.

# Michigan

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)						
				Private		
	Private	State	Self	Carrier	State fund	Percent
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical
1,464,204	852,208	-	611,996	185,444	-	37.3%

# Sources

Private Carrier – Workers' Compensation Agency
Self Insurance – Workers' Compensation Agency
2<sup>nd</sup> Injury Fund – Workers' Compensation Agency
Deductibles – Method B, Subtraction (Refer to <u>Appendix G</u>)
Medical – Workers' Compensation Agency

### Methods

# **Private Carriers Payments**

The state agency provided calendar year benefits including deductibles paid by private carriers, \$842,766 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$16,222 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 842,766 +16,222 \*(842,766 /1,447,982) = \$852,208 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$605,215 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 605,215 +16,222 \*(605,215 /1,447,982) = \$611,996 thousand.

#### **Deductibles**

AM Best figures, which did not include deductible benefits, were subtracted from state agency figures. Thus, deductible benefits were estimated to be 842,766 - 657,322 = \$185,444 thousand.

### **Medical Benefits**

The state agency provided the percentage of medical benefits used, 37.3%.

# Minnesota

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)							
				Private			
	Private	State	Self	Carrier	State fund	Percent	
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical	
921,232	617,082	62,791	241,358	191,064	Not allowed	50.9%	

### Sources

Private Carrier – Department of Labor and Industry
State Fund – Department of Labor and Industry
Self Insurance – Department of Labor and Industry
2<sup>nd</sup> Injury Fund – Department of Labor and Industry
Deductibles – Department of Labor and Industry
Medical – Department of Labor and Industry

### Methods

# **Private Carriers Payments**

The state agency provided calendar year benefits paid by private carriers, \$577,618 thousand and calendar year 2<sup>nd</sup> injury fund benefits, \$58,915 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 577,618 +58,915 \*(577,618 /826,317) = \$617,082 thousand.

# **State Fund Payments**

The state agency provided calendar year benefits paid by the state fund, \$58,776 thousand. The state fund share of the  $2^{nd}$  injury fund was estimated using the share of state fund benefits reported by the state agency to total benefits. Hence total state fund benefits were estimated to be 58,776 + 58,915 \* (58,776 / 826,317) = \$62,791 thousand.

### Self-Insurance Payments

The state agency provided calendar year benefits paid by self-insurers, \$225,923 thousand. The self-insurance share of the 2<sup>nd</sup> injury fund was estimated by using the share of self-insurance benefits reported by the state agency to total benefits. Hence total self-insurance benefits were estimated to be 225,923 +58,915 \*(225,923 /826,317) = \$241,358 thousand.

#### Deductibles

The state agency provided deductibles for Private Carriers, \$191,064 thousand.

# **Medical Benefits**

The state agency provided the percentage of medical benefits used, 50.9%.

# Mississippi

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)							
				Private			
	Private	State	Self	Carrier	State fund	Percent	
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical	
341,078	193,410	-	147,668	53,426	-	58.2%	

### Sources

Private Carrier – AM Best
Self Insurance – Workers' Compensation Commission

2<sup>nd</sup> Injury Fund – Workers' Compensation Commission
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$139,930 thousand. Deductibles for Private Carriers were estimated to be \$53,426 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$111 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 139,930 +53,426 +111 \*(139,930 /287,541) = \$193,410 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$147,611 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of reported self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 147,611 + 111 \* (147,611 / 287,541) = \$147,668 thousand.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

# Missouri

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)						
				Private		
	Private	State	Self	Carrier	State fund	Percent
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical
1,174,633	727,862	102,987	343,784	258,818	41,126	52.4%

### **Sources**

Private Carrier – Division of Workers' Compensation
State Fund – Missouri Employers' Mutual Insurance (MEMI)
Self Insurance – Division of Workers' Compensation

2<sup>nd</sup> Injury Fund – Division of Workers' Compensation
Deductibles – Method B, Subtraction (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

### Methods

# **Private Carriers Payments**

The state agency provided calendar year benefits paid by private carriers and the state fund, \$784,113 thousand and calendar year 2<sup>nd</sup> injury fund benefits, \$66,073 thousand. MEMI provided calendar year benefits paid by the state fund, \$58,381 thousand. Deductibles for the state fund were estimated to be \$41,126 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits reported by the state agency to total benefits. Hence total private carrier benefits were estimated to be 784,113 - 58,381 - 41,126 + 66,073 \*((784,113 - 58,381)/1,108,560) = \$727,862 thousand.

### **State Fund Payments**

MEMI provided calendar year benefits paid by the state fund, \$58,381 thousand. Deductibles for the state fund were estimated to be \$41,126 thousand (see below).

The state fund share of the  $2^{nd}$  injury fund was estimated by using the share of state fund benefits to total benefits. Hence total state fund were estimated to be 58,381 + 41,126 + 66,073 \* (58,381/1,108,560) = \$102,987 thousand.

### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$324,447 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 324,447+66,073\*(324,447/1,108,560) = \$343,784 thousand.

### **Deductibles**

Total deductibles were estimated as the difference between total calendar year benefits

paid by private carriers and the state fund, including benefits paid under deductible policies, \$784,113 thousand, provided by the state agency, and total calendar year benefits paid by private carriers and the state fund excluding deductibles as reported by A.M. Best, \$484,169 thousand. Hence total deductibles were 784,113 -484,169 =\$299,944 thousand. Of this, Private Carrier deductibles were estimated to be \$258,818 thousand, and State Fund deductibles estimated to be \$41,126 thousand.

# **Medical Benefits**

#### Montana

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
		Private								
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
248,299	81,274	123,044	43,982	28,790	12,769	57.6%				

#### Sources

Private Carrier – Department of Labor and Industry
State Fund – Department of Labor and Industry
Self Insurance – Department of Labor and Industry

2<sup>nd</sup> Injury Fund – Department of Labor and Industry
Deductibles – Method B, Subtraction (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

#### Methods

# **Private Carriers Payments**

The state agency provided calendar year benefits paid by private carriers, \$81,134 thousand and calendar year  $2^{nd}$  injury fund benefits, \$426 thousand. The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 81,134 + 426 \*(81,134 /247,874) = \$81,274 thousand.

#### **State Fund Payments**

The state agency provided calendar year benefits paid by the state fund, \$122,833 thousand. The state fund share of the  $2^{nd}$  injury fund was estimated by using the share of state fund benefits to total benefits. Hence total state fund benefits were estimated to 122,833 + 426 \* (122,833 / 247,874) = \$123,044 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$43,907 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self-insurance benefits to total benefits. Hence total state fund benefits were estimated to 43,907 + 426\*(43,907/247,874) = \$43,982 thousand.

#### **Deductibles**

AM Best figures, were subtracted from state agency figures. Thus, Private Carrier deductibles were estimated to be 81,134 - 52,344 = \$28,790 thousand and State Fund deductibles were estimated to be 122,833 - 110,064 = \$12,769 thousand.

#### **Medical Benefits**

# Nebraska

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
263,435	208,903	-	54,533	50,343	-	62.7%			

#### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$158,560 thousand. Deductibles for Private Carriers were estimated to be \$50,343 thousand (see below). Hence total private carrier benefits were estimated to be 158,560 + 50,343 = \$208,903 thousand.

#### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$54,533 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### Deductibles

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

### Nevada

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
393,555	266,547	-	127,008	48,329	-	45.1%			

#### Sources

Private Carrier – Department of Business and Industry
Self Insurance – Department of Business and Industry

2<sup>nd</sup> Injury Fund – Department of Business and Industry
Deductibles – Method B, Subtraction (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

#### **Private Carriers Payments**

The state agency provided calendar year benefits including deductibles paid by private carriers, \$265,213 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$1,970 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 265,213 +1,970 \*(265,213 /391,585) = \$266,547 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$126,372 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 126,372 +1,970 \*(126,372 /391,585) = \$127,008 thousand.

#### **Deductibles**

AM Best figures, which did not include deductible benefits, were subtracted from state agency figures, which included deductible benefits. Thus, deductible benefits were estimated to be 265,213 - 216,884 = \$48,329 thousand.

#### **Medical Benefits**

# **New Hampshire**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
213,719	168,522	-	45,197	35,284	-	59.7%			

#### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$133,238 thousand. Deductibles for Private Carriers were estimated to be \$35,284 thousand (see below). Hence total private carrier benefits were estimated to be 133,238 + 35,284 = \$168,522 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$45,197 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

# **New Jersey**

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)						
				Private		
	Private	State	Self	Carrier	State fund	Percent
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical
1,672,471	1,283,199	-	389,272	304,691	-	49.7%

### Sources

Private Carrier – Compensation Rating & Inspection Bureau Self Insurance – Imputation by average (Refer to <u>Appendix E</u>) Deductibles – Method B, Subtraction (Refer to <u>Appendix G</u>) Medical – Compensation Rating & Inspection Bureau

# Methods

### **Private Carriers Payments**

The rating bureau provided calendar year benefits paid by private carriers, \$1,283,199 thousand.

#### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$389,272 thousand as described in Step F, Appendix E, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Deductibles**

AM Best figures, which did not include deductible benefits, were subtracted from state agency figures, which included benefits. Thus, deductible benefits were estimated to be 1,283,199 - 978,508 = \$304,691 thousand.

#### **Medical Benefits**

The rating bureau provided the percentage of medical benefits used, 49.7%.

### **New Mexico**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)							
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
237,551	112,501	33,035	92,016	10,264	5,171	57.4%		

#### **Sources**

Private Carrier – Workers' Compensation Administration
State Fund – New Mexico Mutual Casualty Company
Self Insurance – Workers' Compensation Administration
2<sup>nd</sup> Injury Fund – Workers' Compensation Administration
Deductibles – Method B, Subtraction (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

#### Methods

# **Private Carriers Payments**

The state agency provided calendar year benefits paid by private carriers and the state fund, \$144,158 thousand and calendar year 2<sup>nd</sup> injury fund benefits, \$2,249 thousand. NMMCC provided calendar year benefits paid by the state fund, \$32,722 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 144,158 - 32,722 + 2,249 \*((144,158 - 32,722)/235,303) = \$112,501 thousand.

#### **State Fund Payments**

NMMCC provided calendar year benefits excluding the 2<sup>nd</sup> injury fund paid by the state fund, \$32,722 thousand.

The state fund share of the  $2^{nd}$  injury fund was estimated by using the share of state fund benefits reported by NMCC to total benefits. Hence total state fund were estimated to be 32,722 +2,249 \*(32,722 /235,303) = \$33,035 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$91,145 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 91,145 + 2,249 \* (91,145 /235,303) = \$92,016 thousand.

# National Academy of Social Insurance

#### **Deductibles**

Private carrier deductibles were estimated as the difference between the state agency's data and the sum of AM best Private Carrier Data (which did not include deductibles) and NMCC State Fund data. Hence Private Carrier deductibles were estimated to be 144,158 - 101,172 - 32,722 = \$10,264 thousand. Hence State Fund deductibles were estimated to be 32,722 - 27,551 = \$5,171 thousand.

# **Medical Benefits**

# **New York**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)							
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
3,323,634	1,491,830	1,058,221	773,584	335,713	Not allowed	36.0%		

#### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Imputation by average (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method, National Average (Refer to <u>Appendix G</u>)
Medical – New York Compensation Insurance Rating Board

#### Methods

#### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$1,156,117 thousand. Deductibles for private carriers were estimated to be \$335,713 thousand. Hence total private carrier benefits were estimated to be 1,156,117 + 335,713 = \$1,491,830 thousand.

#### **State Fund Payments**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$1,058,221 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$773,584 thousand as described in Step F, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Deductibles**

Deductibles were estimated using the national average of Manual Equivalent Premium ratios. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

The rating bureau provided the percentage of medical benefits used, 36.0%.

# **North Carolina**

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)							
				Private			
	Private	State	Self	Carrier	State fund	Percent	
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical	
1,358,084	988,937	-	369,147	231,575	-	44.8%	

#### Sources

Private Carrier – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$757,362 thousand. Deductibles for Private Carriers were estimated to be \$231,575 thousand. Hence total private carrier benefits were estimated to be 757,362 + 231,575 = \$988,937 thousand.

#### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$369,147 thousand as described in Step E, Appendix E, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

# **North Dakota**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)							
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
81,197	- 81,197 - 5,700 55.7%							

#### Sources

State Fund – Workforce Safety and Insurance Deductibles – Workforce Safety and Insurance Medical – Workforce Safety and Insurance

# Methods

# **State Fund Payments**

The state agency provided calendar year benefits paid by the state fund, \$81,197 thousand.

#### **Deductibles**

The state agency provided deductibles for the state fund, \$5,700 thousand.

# Medical

The state agency provided the percentage of medical benefits used, 55.7%.

# Ohio

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)							
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
2,383,544	26,343	1,921,443	435,758	Not allowed	Not allowed	44.1%		

# Sources

Private Carrier – AM Best State Fund – Bureau of Workers' Compensation Self-Insurance – Bureau of Workers' Compensation Medical – Bureau of Workers' Compensation

#### Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits paid by private carriers, \$26,343 thousand.

# **State Fund Payments**

The state agency provided calendar year benefits paid by the state fund, \$1,921,443 thousand.

# **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$435,758 thousand.

# **Medical Benefits**

The state agency provided the percentage of medical benefits used, 44.1%.

# Oklahoma

_									
	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
628,438	241,389	262,962	124,087	55,148	60,077	44.1%			

#### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Workers' Compensation Court
Deductibles – Manual Premium Method (Refer to Appendix G)
Medical – NCCI (Refer to Appendix F)

# Methods

# **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$186,241 thousand. Deductibles for Private Carriers were estimated to be \$55,148 thousand (see below). Hence total private carrier benefits were estimated to be 186,241 + 55,148 = \$241,389 thousand.

#### **State Fund Payments**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$202,885 thousand. Deductibles for the state fund were estimated to be \$60,077 thousand. Hence total state fund benefits were estimated to be 202,885 + 60,077 = \$262,962 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$124,087 thousand.

#### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

# Oregon

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
613,288	259,175	267,668	86,445	41,945	Not Allowed	54.0%		

#### Sources

Private Carrier – Department of Consumer and Business Services State Fund – Department of Consumer and Business Services Self Insurance – Department of Consumer and Business Services Deductibles – Department of Consumer and Business Services Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

# **Private Carrier Payments**

The state agency provided calendar year benefits paid by private carriers, \$217,230 thousand, and deductibles \$41,945 thousand. Hence total private carrier benefits were estimated to be 217,230 + 41,945 = \$259,175 thousand.

### **State Fund Payments**

The state agency provided calendar year benefits paid by the State Fund, \$267,688 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year self-insurance benefits, \$86,445 thousand.

#### **Deductibles**

The state agency provided deductibles for Private Carriers, \$41,945 thousand.

#### **Medical Benefits**

# Pennsylvania

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
2,684,611	1,731,055	353,784	599,772	532,421	Not allowed	43.8%			

#### Sources

Private Carrier – Bureau of Workers' Compensation State Fund – Bureau of Workers' Compensation Self Insurance – Bureau of Workers' Compensation 2<sup>nd</sup> Injury Fund – Bureau of Workers' Compensation Deductibles – Bureau of Workers' Compensation Medical – Bureau of Workers' Compensation

#### Methods

# **Private Carrier Payments**

The state agency provided calendar year benefits, \$1,730,897 thousand, and calendar year total 2<sup>nd</sup> injury fund benefits, \$246 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 1,730,897 + 246 \*(1,730,897/2,684,365) = \$1,731,055 thousand.

#### **State Fund Payments**

The state agency provided calendar year benefits paid by the State Fund, \$353,751 thousand. The State Fund share of the  $2^{nd}$  injury fund was estimated by using the share of State Fund benefits to total benefits. Hence total State Fund benefits were estimated to be 353,751 + 246\*(353,751/2,684,365)=\$353,784 thousand.

# **Self-Insurance Payments**

The state agency provided total self-insurance benefits, \$599,717 thousand. The self insurance share of the  $2^{nd}$  injury fund was estimated by using the share of self insurance benefits to total benefits. Hence total self insurance benefits were estimated to be 599,717+246\*(599,717/2,684,365)=\$599,772 thousand.

#### **Deductibles**

The state agency provided deductibles for private carriers, \$532,421 thousand.

#### **Medical Benefits**

The state agency provided the percentage of medical benefits used, 43.8%.

### Rhode Island

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
155,707	40,189	95,085	20,433	5,845	13,829	33.0%				

#### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Rhode Island Department of Labor and Training
2<sup>nd</sup> Injury Fund – Rhode Island Department of Labor and Training
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$33,360 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$2,829 thousand. Deductibles for Private Carriers were estimated to be \$5,845 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 33,360 + 5,845 + 2,829 \* (33,360 / 133,204) = \$40,189 thousand.

#### **State Fund**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$79,566 thousand. Deductibles for the state fund were estimated to be \$13,829 thousand.

The state fund share of the  $2^{nd}$  injury fund was estimated by using the share of state fund benefits obtained from AM Best to total benefits. Hence total state fund benefits were estimated to be 79,566 + 13,829 + 2,829 \* (79,566 / 133,204) = \$95,085 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year cash benefits paid by self-insurers, \$13,405 thousand. Calendar year total benefits including medical benefits were estimated to be \$20,008 thousand using the percentage of medical benefits. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of state self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 20,008 + 2,829

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\*(20,008 /133,204)) = \$20,433 thousand.

# Deductibles

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Medical Benefits**

# **South Carolina**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
795,636	560,356	53,716	181,563	197,252	Not allowed	45.9%				

#### Sources

Private Carrier – Second Injury Fund State Fund – Second Injury Fund Self Insurance – Second Injury Fund 2<sup>nd</sup> Injury Fund – Second Injury Fund Deductibles – Second Injury Fund Medical – Second Injury Fund

### Methods

# **Private Carriers Payments**

The state agency provided calendar year benefits paid by private carriers, \$560,356 thousand.

# **State Fund Payments**

The state agency provided calendar year benefits paid by the state fund, \$53,716 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$181,563 thousand.

### **Deductibles**

The state agency provided deductibles for Private Carriers, \$197,252 thousand.

#### **Medical Benefits**

# **South Dakota**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
90,937	74,569 - 16,369 15,784 - 65.0%									

#### **Sources**

Private Carrier – Department of Labor
Self Insurance – Department of Industrial Relations, Workers' Compensation Division
Deductibles – Method B, Subtraction (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

# **Private Carrier Payments**

The state agency provided total calendar year benefits paid by private carriers, \$74,569 thousand.

# **Self-Insurance Payments**

The state agency provided total calendar year benefits paid by self-insured employers, \$16,369 thousand.

### **Deductibles**

AM Best figures, which did not include deductible benefits, were subtracted from state agency figures, which did include benefits. Thus, deductible benefits were estimated to be 74,569 - 58,785 = \$15,784 thousand.

#### **Medical Benefits**

### **Tennessee**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
793,559	602,097	-	191,461	189,822	-	51.6%				

#### Sources

Private Carrier – AM Best
Self Insurance – Imputation from prior data (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to Appendix F)

### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$406,228 thousand. Deductibles for Private Carriers were estimated to be \$189,822 thousand. Calendar year 2<sup>nd</sup> injury fund benefits were \$8,805 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 406,228 +189,822 +8,805 \*(406,228/591,453) = \$602,097 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated as described in Step D, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

The self-insurance share of the 2<sup>nd</sup> injury fund was estimated by using the share of estimated self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be \$260,062 thousand.

#### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

### **Medical Benefits**

### **Texas**

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private				
	Private	State	Self	Carrier	State fund	Percent		
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical		
1,397,899	806,300	304,750	286,848	181,445	68,579	60.6%		

#### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Imputation from prior data (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method, National Average (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$624,885 thousand. Deductibles for private carriers were estimated to be \$181,445 thousand. Hence total private carrier benefits were estimated to be 624,885 + 181,445 = \$806,300 thousand.

#### **State Fund Payments**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$236,171 thousand. Deductibles for the state fund were estimated to be \$68,579 thousand. Hence total state fund benefits were estimated to be 236,171 + 68,579 = \$304,750 thousand.

### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$286,848 thousand as described in Step D, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Deductibles**

Deductibles were estimated using the national average of Manual Equivalent Premium ratios. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

### Utah

Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
245,217	70,535	128,005	46,677	11,097	20,138	70.1%			

#### Sources

Private Carrier – AM Best
State Fund – AM Best
Self Insurance – Imputation (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

#### Methods

#### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$59,438 thousand. Deductibles for Private Carriers were estimated to be \$11,097 thousand (see below). Hence total private carrier benefits were estimated to be 59,438 + 11,097 = \$70,535 thousand.

#### **State Fund Payments**

AM Best provided calendar year benefits excluding deductibles paid by the state fund, \$107,867 thousand. Deductibles for the state fund were estimated to be \$20,138 thousand. Hence total state fund benefits were estimated to be 107,867 + 20,138 = \$128,005 thousand.

#### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$46,677 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

#### Vermont

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
124,323	107,622									

#### Sources

Private Carrier – AM Best
Self Insurance – Imputation from prior data (Refer to <u>Appendix E</u>)
Deductibles – Manual Premium Method (Refer to <u>Appendix G</u>)
Medical – NCCI (Refer to <u>Appendix F</u>)

# Methods

### **Private Carriers Payments**

AM Best provided calendar year benefits excluding deductibles paid by private carriers, \$91,065 thousand. Deductibles for private carriers were estimated to be \$16,557 thousand. Hence total private carrier benefits were estimated to be 91,065 + 16,557 = \$107,622 thousand.

# **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$16,701 thousand as described in Step D, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Deductibles**

Deductibles were estimated using Manual Equivalent Premiums. Refer to <u>Appendix G</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

#### **Medical Benefits**

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# Virginia

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
837,685										

#### Sources

Private Carrier – Workers' Compensation Commission Self Insurance – Imputation (Refer to <u>Appendix E)</u> Deductibles – Method B, Subtraction (Refer to <u>Appendix G)</u> Medical – NCCI (Refer to <u>Appendix F)</u>

#### Methods

### **Private Carrier Payments**

The state agency provided total calendar year benefits paid by private carriers, \$620,331 thousand.

#### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$217,354 thousand as described in Step E, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Deductibles**

AM Best figures, which did not include deductible benefits, were subtracted from state agency figures, which did include benefits. Thus, deductible benefits were estimated to be 620,331 - 450,504 = \$169,927 thousand.

#### **Medical Benefits**

# Washington

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)								
				Private					
	Private	State	Self	Carrier	State fund	Percent			
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical			
1,926,644	30,302	1,448,619	447,723	Not allowed	Not allowed	36.1%			

#### Sources

Private Carrier – AM Best
State Fund – Department of Labor and Industries
Self-Insurance – Department of Labor and Industries
2<sup>nd</sup> Injury Fund – Department of Labor and Industries
Medical – Department of Labor and Industries

### Methods

#### **Private Carriers Payments**

AM Best reported calendar year benefits paid by private carriers to be \$30,300 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$129 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 30,300 + 129\*(30,300 / 1,926,515) = \$30,302 thousand.

#### **State Fund Payments**

The state agency provided calendar year benefits paid by the state fund, \$1,448,522 thousand. The state fund share of the  $2^{nd}$  injury fund was estimated by using the share of state fund benefits to total benefits excluding the  $2^{nd}$  injury fund. Hence total state fund benefits were estimated to be 1,448,522 + 129 \*(1,448,522 /1,926,515) = \$1,448,619 thousand.

# **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$447,693 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of state self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 447,693 + 129\*(447,693/1,926,515) = \$447,723 thousand.

#### **Medical Benefits**

The agency provided the percentage of medical benefits used, 36.1%.

# **West Virginia**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
				Private						
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
695,857	3,669	598,708	93,480	-	-	49.5%				

#### Sources

Private Carrier – AM Best
Self-Insurance – Workers' Compensation Division
2<sup>nd</sup> Injury Fund – Workers' Compensation Division
Medical – Workers' Compensation Division

#### Methods

### **Private Carriers Payments**

AM Best reported calendar year benefits paid by private carriers to be \$3,669 thousand. It should be noted that private carriers are not allowed in West Virginia. The small amount of benefits attributed to private carriers in this state by A.M. Best probably results from two sources: 1) companies with group policies that overlap states, and 2) companies that offer supplemental workers' compensation coverage and report it as workers' compensation benefits to A.M. Best. No additional calculations were needed.

#### **State Fund Payments**

The West Virginia Insurance Commission provided information on Fiscal Years 2004 and 2005. These figures were converted into estimates of calendar year benefits by averaging; the result was \$598,708 thousand. The data for fiscal year 2006 were not available.

### **Self-Insurance Payments**

Self-insurance benefits were estimated to be \$93,480 thousand as described in Step D, <u>Appendix E</u>, Workers' Compensation: Benefits, Coverage, and Costs, 2006.

# **Medical Benefits**

# Wisconsin

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)									
	Private									
	Private	State	Self	Carrier	State fund	Percent				
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical				
1,043,244	859,915	-	183,329	-	-	72.7%				

#### Sources

Private Carrier – AM Best
Self-Insurance – Workers' Compensation Division

2<sup>nd</sup> Injury Fund – Workers' Compensation Division
Medical – Workers' Compensation Division

# Methods

### **Private Carriers Payments**

AM Best reported calendar year benefits paid by private carriers to be \$846,408 thousand. The state agency provided calendar year 2<sup>nd</sup> injury fund benefits, \$12,589 thousand.

The private carrier share of the  $2^{nd}$  injury fund was estimated by using the share of private carrier benefits to total benefits. Hence total private carrier benefits were estimated to be 846,408 +12,589 \*(846,408 /1,030,384) = \$859,915 thousand.

#### **Self-Insurance Payments**

The state agency provided calendar year benefits paid by self-insurers, \$181,069 thousand. The self-insurance share of the  $2^{nd}$  injury fund was estimated by using the share of state self-insurance benefits to total benefits. Hence total self-insurance benefits were estimated to be 181,069 + 12,589 \* (181,069 / 1,030,384) = \$183,329 thousand.

#### **Medical Benefits**

The agency provided the percentage of medical benefits used, 72.7%.

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# **Wyoming**

	Workers' Compensation Benefits Paid in 2006 (thousands of dollars)						
				Private			
	Private	State	Self	Carrier	State fund	Percent	
Total	Carrier	Fund	Insurance	Deductibles	Deductibles	Medical	
117,311	783	116,528	-	-	-	49.5%	

#### Sources

Private Carrier – AM Best State Fund – National Association of Insurance Commissioners, NAIC Medical – National Average (Refer to <u>Appendix F</u>)

# Methods

# **Private Carriers Payments**

AM Best reported calendar year benefits paid by private carriers to be \$783 thousand.

# **State Fund Payments**

NAIC provided calendar year benefits paid by the state fund, \$116,528 thousand.

#### **Medical Benefits**

The percent of medical benefits is based on the weighted average of states where medical data were available. Refer to Appendix F, Workers' Compensation: Benefits, Coverage, and Costs, 2006.