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Wyoming Benefits Survey 2010

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Wyoming Benefits Survey

by: Lisa Knapp, Research Analyst tables and figures by: Douglas W. Leonard, Senior Economist

Introduction

ealth insurance and retirement benefits have long been important L tools for employers in recruiting and retaining workers, but access and costs for workers, especially for health insurance, vary based on the industries in which they work and what they earn. According to the Bureau of Labor Statistics (BLS; July 2010), approximately 64% of America's civilian work force has access to both health and retirement benefits and 20% of workers have access to neither through their place of work. Nationally, full-time employees are more likely to have access to retirement and insurance benefits (77%) than part-time employees (20%). Workers in large firms (more than 50 employees) are more likely to have access to both benefits (86%) than those working in small firms (1-49 employees).

Recent research shows that access to benefits and the costs associated with them also depend on the employee's wages. Employees who earn higher wages have more access to defined-contribution retirement packages (68%), defined-benefit retirement packages (54%), and health insurance (92%). Conversely, only 31% of low-wage workers have access to defined-contribution retirement plans, 6% have access to definedbenefit plans, and 26% have access to health insurance. Similar patterns are evident in the proportion of workers in each wage group who participate in each benefit (BLS, February 2010). Income also affects the costs of benefits, particularly health insurance, for employees. Data shows that higher paid

employees pay a smaller part of their overall health coverage costs compared to lowerwage workers (BLS; February 2010).

Although the BLS collects and reports on benefits data at the national level, it is important to collect and analyze this data at the state level for two reasons. First, national data tend to focus on who has access to health insurance and retirement plans. This publication provides detailed information on which workers have access to these two benefits based on characteristics such as full- and part-time employment status, industry of employment, and employer size, but also includes data on which employers are offering these benefits based on the size class, industry, and fullor part-time work. In addition, detailed information is provided by the state benefits survey for a wide variety of other benefits such as dental and vision insurance, paid time off, disability insurance, and child care.

Second, Wyoming's economy is different from that of the United States, which can affect how benefits are distributed. Harris (2002) found that although the state's economic structure had become more like the nation's by 2000, there were still significant differences. For example, mining and government made up a larger part of the state's industry mix compared to the nation as a whole. As this publication shows, employers in these industries are more likely to offer benefits to their employees.

Wyoming also differs from the rest of the nation in terms of the unemployment rate. As shown in Figure 1 (see page 2), the state's unemployment rate stayed relatively stable through the end of 2008 while the unemployment rate for the U.S. was increasing. Although the unemployment rate for the state increased markedly in 2009, it did not reach the same levels as the nation as a whole. By December 2009 the seasonally adjusted unemployment rate for the U.S. was 10.0% while in Wyoming it was 7.5%. Although the state's unemployment rate did not reach the same levels as that of the nation, the state's economy was still hard hit. According to Wen (2010), there were record numbers of unemployment insurance claimants during this time as well as record UI benefit expenses, which refers to the money paid out to UI claimants. These UI claimants were found in every industry and in every region of the state.

This publication is arranged into three major components. First is a discussion of methodology and response rates. This is followed by a detailed analysis and comparison of the survey results based on full- and part-time employment status, industry, and employer size-class, followed by a summary of the major findings. The data reported in this analysis are based on a sample and are therefore estimates of the number and proportion of employees receiving benefits or the number and proportion of employers offering benefits.

The Wyoming Benefits Survey 2010 serves several purposes. First, it allows changes in the way businesses offer benefits to be measured over time using a standardized methodology. It also allows for a way to measure trends in which types of employers offer benefits and to whom benefits are offered. Finally, it can be used for research and policy analysis purposes (Levit & Wiatrowski, 2001).

Methodology

For a complete explanation of methodology, see Hauf, Knapp, and Leonard (2006). Additional methodology can be found in Appendix A.

Response Rates

In 2009, benefits survey questionnaires were mailed to 2,844 Wyoming employers (see Table 1, page 3), which is approximately one-tenth of Wyoming employers. These employers were randomly selected and

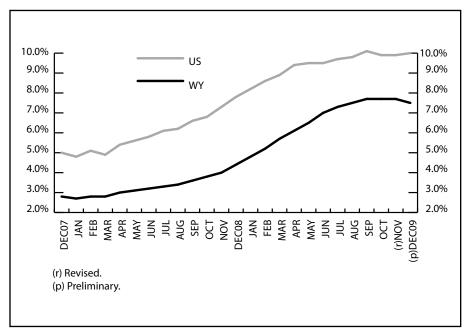


Figure 1: U.S. and Wyoming Unemployment Rates, December 2007 to December 2009

were stratified by industry, class size, and region. The questionnaires went to employers in the private sector as well as in state and local government. Of employers who received questionnaires, 2,169 (76.3%) completed and returned them. There were 159 employers (5.6%) who refused to participate, 60 (2.1%) who were temporarily closed, 155 (5.5%) who were permanently out of business, 48 (1.7%) with insufficient address information, and 22 (0.8%) that reported having zero employees during the survey reference period. Refusals, employers who were out of business, had no employees, or could not be contacted were removed from the initial number of questionnaires sent out because no valid data could be obtained. This left a net total of 2,400 useable questionnaires and an overall net useable response rate of 90.4% (completed questionnaires/net useable questionnaires). During the four quarters of 2009, the net useable response rate ranged from a high of 93.2% in fourth

quarter to a low of 88.5% in second quarter.

Survey Results

The BLS defines full-time employees as anyone working 35 hours or more in a week; anyone working fewer than 35 hours is defined as part-time. However, for the purposes of this survey, full- and part-time status are not defined by the BLS standard; rather, the questionnaire asked employers for their definition of part-time. Figure 2 (see page 4) shows that in 2009 more than three-quarters of Wyoming workers (76.7%) were considered by their employers to be full-time workers while the rest (23.3%) were part-time.

Total compensation refers to the amount of money an employer spends on

				Su	irvey	Quarte	r			
	20	09Q1	20	09Q2	200	09Q3	20	09Q4	То	tal
		%		%		%		%		%
Response Type	Ν	(Gross)	Ν	(Gross)	Ν	(Gross)	Ν	(Gross)	Ν	(Gross)
Total Surveys	685		670		748		741		2,844	
Responded - Operating (Gross Response Rate)	544	79.4%	516	77.0%	529	70.7%	580	78.3%	2,169	76.3 %
Insufficient Address Information	12	1.8%	12	1.8%	13	1.7%	11	1.5%	48	1.7%
Refused	25	3.6%	36	5.4%	49	6.6%	49	6.6%	159	5.6 %
Temporarily Closed	16	2.3%	13	1.9%	17	2.3%	14	1.9%	60	2.1%
Permanently Out of Business	24	3.5%	21	3.1%	68	9.1%	42	5.7%	155	5.5%
No Employees Working During Reference Period	6	0.9%	5	0.7%	8	1.1%	3	0.4%	22	0.8%
Net Usable I	Respo	onse Rat	es by	Survey (Quart	er				
				Su	ırvey	Quarte	r			
	20	09Q1	20	09Q2	200	09Q3	20	09Q4	То	tal
						%		%		%
Response Type	Ν	% (Net)	Ν	% (Net)	Ν	(Net)	Ν	(Net)	N	(Net)

583

88.5%

593 89.2%

602 90.4%

Wyoming Department of Employment

Net Useable Surveys and Response Rate

2,400 90.4%

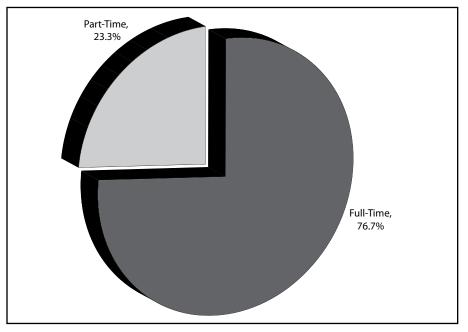
622 93.2%

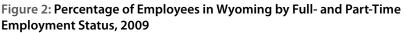
wages combined with the amount spent on benefits. Contributions to insurance plans and retirement plans represent the majority of compensation other than wages. In Wyoming during 2009, 4.6% of total compensation consisted of contributions to definedbenefit and definedcontribution retirement plans and 12.6% went to medical, dental, and vision insurance plans (see Figure 3).

Table 2 (see page 5) shows the proportion of employers who offered selected benefits to their employees by full- and part-time work status. Paid vacation (56.0%) and paid holidays (54.7%) were the benefits offered most often by employers to their full-time employees. An estimated 44.1% of employers offered health insurance to full-time workers and 31.0% offered retirement benefits. In comparison, the benefits employers most often offered to part-time employees were paid holidays (17.4%) and paid vacation (11.9%). Only 6.1% of employers offered health insurance to parttime employees and 6.6%offered retirement benefits.

The number and

proportion of employees offered benefits varied widely by firm size. Table 3a (see page 6) shows the number of full- and parttime employees who were offered benefits. More workers in firms with 50 or more employees were offered all benefits than those in smaller firms. This was also true for individual benefits.





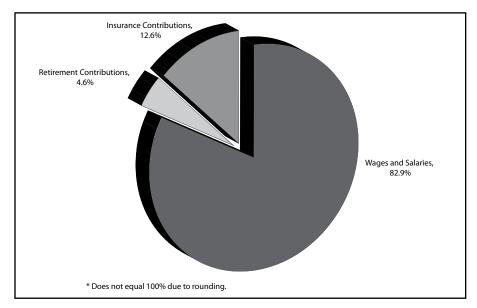


Figure 3: Wyoming Compensation Costs as a Percentage of Total Compensation Paid, 2009

For example, 115,540 full-time employees in firms with 50 or more workers were offered health insurance compared to 5,037 full-time employees working for firms with 1-4 employees. Of the 160,397 full-time employees who were offered retirement plans during 2009, 118,128 of them worked for the state's largest employers.

A greater number of part-time employees working for larger companies were offered benefits compared to those working for smaller companies. Of the 12,372 part-time employees who were offered health insurance benefits in 2009, 10,093 worked for companies with 50 or more employees, 1,161 worked for firms with 20-49 employees, 614

Table 2: Percentage of Employers Offering SelectedBenefits to Their Full- and Part-Time Employees inWyoming, 2009

Benefit Type	Full-Time	Part-Time
Child Care	1.7%	1.0%
Dental Plan	28.2%	4.1%
Dependent Health Ins.	35.9%	4.8%
Educational/Tuition Assist.	21.8%	7.4%
Flexible Spending Account	11.7%	2.0%
Health Insurance	44.1%	6.1%
Hiring Bonus	6.2%	1.1%
Life Insurance	28.0%	4.1%
Long-Term Disability	12.4%	1.6%
Paid Holidays	54.7%	17.4%
Paid Personal Leave	30.6%	6.8%
Paid Sick Leave	28.7%	6.7%
Paid Vacation	56.0%	11.9%
Retirement Plan	31.0%	6.6%
Operate in Shifts	31.0%	5.8%
Shift Differentials	30.2%	30.3%
Short-Term Disability	12.0%	1.7%
Vision Plan	16.6%	2.3%

worked for firms with 10-19 employees, 232 worked for firms with 5-9 employees, and 273 employees who worked for companies with 1-4 employees were offered this benefit. Of the 20,418 part-time employees who were offered retirement benefits, the majority (17,195) worked for companies with 50 or more employees and the remainder worked for smaller companies.

Table 3b (see page 7) shows the percentage of full- and part-time employees offered benefits by number of employees per firm. In general, as the size of the company increased so did the proportion of fulltime employees who were offered benefits. For example, 21.1% of full-time workers in companies with 1-4 employees were offered a dental plan compared to 43.5% of those in firms with 10-19 employees and 88.8% of those in firms of 50 or more employees.

Both the percentage of employers offering health insurance benefits and the percentage of employees offered the benefit increased as firm size increased (see Figure 4, page 8). For firms with 1-4 employees, 36.1% of employers offered health insurance and 38.2% of employees were offered the benefit. In comparison, 90.2% of employers in firms of 50 or more employees offered health insurance and 93.1% of employees in those firms were offered the benefit.

A similar pattern occurred for retirement benefits (see Figure 5, page 9). Only 20.0% of employers in the smallest firms offered retirement benefits to their workers and only 25.8% of workers in those firms were offered the benefit. In comparison, 86.3% of employers with 50 or more employees offered

Table 3a: Number of Full- and Part-Time	ll- and F	Part-Ti		nploye	es Offer	Employees Offered Selected Benefits in Wyoming by Number of Employees Per Firm, 2009 	cted B	enefit	s in W	/yomi	ng by	Numb.	er of En	nploye	es Per	Firm, 2	6003	
		μ	Full-Time	me Employees	yees			Part-	Time	Part-Time Employees	yees		Tota	of Full	- & Part	Total of Full- & Part-Time Employees	mploy	ses
	Nui 1-4	mber a 5-9	of Empl 10-19	iber of Employees P 5-9 10-19 20-49	Number of Employees Per Company 4 5-9 10-19 20-49 50+ To	any Total	Numb 1-4	er of E 5-9 1	mplo) 0-19 2	er of Employees per Co 5-9 10-19 20-49 50+	E .	חסח Total	Num 1-4	ber of E 5-9 1	Employees p 10-19 20-49	Number of Employees per Company 4 5-9 10-19 20-49 50+ To	Compa 50+	iny Total
Total Employees	13,180 16,985 22,4	16,985	22,400	400 28,835	124,075	205,475	6,142 7	7,770 9	121 11	 ,415 2	7,770 9,121 11,415 27,936 62,384		19,322 2	24,756 31,521		40,250 1	152,011 2	267,859
Benefit Type																		
Child Care	178	273	203	3 1,293	4,031	5,978	39	89	62	247	543	980	217	362	265	1,541	4,574	6,958
Dental Plan	2,780		9,755	5,620 9,755 18,611	110,235	110,235 147,001	150	98	714	581	9,893 11,436	1,436	2,930	5,718 10,468		19,192 120,128 158,436	20,128	158,436
Dependent Health Ins.	3,793	6,845	11,817	6,845 11,817 21,398		114,721 158,574	203	125	614	963	963 10,018 11,923	1,923	3,996	6,970	6,970 12,431	22,361 124,739 170,497	24,739	170,497
Educational/Tuition Assist.	2,681	3,753	5,201	l 8,714	86,795	86,795 107,143	340	393	689	776	776 13,956 16,153	16,153	3,021	4,145	5,889	9,490 1	9,490 100,750 123,296	123,296
Flexible Spending Account	1,433		2,327 3,908	3 8,748	93,383	93,383 109,800	97	112	255	507	507 12,519 13,491	3,491	1,531	2,439	4,163	9,255 1	9,255 105,903 123,291	123,291
Health Insurance	5,037	8,575	13,095	8,575 13,095 22,341	115,540	115,540 164,587	273	232	614 1	1,161 1	10,093 12,372	12,372	5,310	8,807	13,709	23,501 1	23,501 125,633 176,960	176,960
Hiring Bonus	665	665 1,049	1,840	1,840 4,403	46,939	46,939 54,896	35	89	104	449	3,225	3,902	669	1,138	1,944	4,853	4,853 50,164	58,797
Life Insurance	2,749	4,936	10,366	2,749 4,936 10,366 17,807		110,851 146,709	168	78	319	635	7,472 8,672	8,672	2,917	5,014	10,685	18,442 1	18,442 118,323 155,382	155,382
Long-Term Disability	1,326	1,998	1,326 1,998 3,087	7 8,876	89,040	89,040 104,327	57	23	65	359	5,305	5,808	1,382	2,020	3,152	9,235	94,345 110,135	110,135
Operate in Shifts	691	1,749	691 1,749 2,284	4 6,860	65,555	77,138	212	679 1,247		2,799	6,411 11,347	1,347	903	2,428	3,531	9,659	71,965	88,485
Shift Differentials	271	461	504	4 2,070	40,322	43,628	76	26	122	1,171	3,296 4,691	4,691	347	488	625	3,241	3,241 43,618	48,320
Paid Holidays	7,521	10,073	14,809	7,521 10,073 14,809 20,265	111,724	111,724 164,392	867	730 1,036		1,753	1,753 15,289 19,677	19,677	8,389 10,803		15,845	22,0181	22,018 127,014 184,068	184,068
Paid Personal Leave	4,178	5,520	7,860	4,178 5,520 7,860 11,583		71,261 100,401	343	474	333	808	808 10,763 12,721	12,721	4,522	5,993	8,193	12,391	12,391 82,024 113,122	113,122
Paid Sick Leave	4,005	4,815	4,005 4,815 6,633	3 8,603		80,147 104,202	293	328	452	639	9,633 11,345	1,345	4,298	5,143	7,084	9,242	89,780 115,548	115,548
Paid Vacation	7,137	10,017	15,990	7,137 10,017 15,990 20,183		101,512 154,840	520	723 1	723 1,181 1,733	1,733	7,367 11,524	1,524	7,657	7,657 10,741 17,171	17,171	21,916 108,879 166,363	08,879	166,363
Retirement Plan	3,398	7,775	11,436	3,398 7,775 11,436 19,659		118,128 160,397	423	773	491 1	1,537 1	17,195 20,418	0,418	3,821	8,548 1	11,926	21,196 135,323 180,815	35,323	180,815
Short-Term Disability	1,182	1,820	1,182 1,820 3,750	0 8,548	59,857	75,156	62	33	135	230	5,541	6,003	1,244	1,853	3,885	8,778	65,399	81,159
Vision Plan	1,500	3,168	6,652	1,500 3,168 6,652 12,068	88,184	88,184 111,572	42	124	565	595	8,521 9,847	9,847	1,542	3,292	7,217	7,217 12,663 96,705 121,419	96,705	121,419

Page 6

Table 3b: Percentage of Full- and Part-Time Employees Offered Selected Benefits in Wyoming by Number of Employees Per Firm, 2009

Number of Employees

				-	
Benefit Type	1-4	5-9	10-19	20-49	50 +
Full-Time Employees					
Child Care	1.4%	1.6%	0.9%	4.5%	3.2%
Dental Plan	21.1%	33.1%	43.5%	64.5%	88.8%
Dependent Health Ins.	28.8%	40.3%	52.8%	74.2%	92.5%
Educational/Tuition Assist.	20.3%	22.1%	23.2%	30.2%	70.0%
Flex. Spending Account	10.9%	13.7%	17.4%	30.3%	75.3%
Health Insurance	38.2%	50.5%	58.5%	77.5%	93.1%
Hiring Bonus	5.0%	6.2%	8.2%	15.3%	37.8%
Life Insurance	20.9%	29.1%	46.3%	61.8%	89.3%
Long-Term Disability	10.1%	11.8%	13.8%	30.8%	71.8%
Operate in Shifts	5.2%	10.3%	10.2%	23.8%	52.8%
Shift Differentials	39.3%	26.4%	22.0%	30.2%	61.5%
Paid Holidays	57.1%	59.3%	66.1%	70.3%	90.0%
Paid Personal Leave	31.7%	32.5%	35.1%	40.2%	57.4%
Paid Sick Leave	30.4%	28.3%	29.6%	29.8%	64.6%
Paid Vacation	54.2%	59.0%	71.4%	70.0%	81.8%
Retirement Plan	25.8%	45.8%	51.1%	68.2%	95.2%
Short-Term Disability	9.0%	10.7%	16.7%	29.6%	48.2%
Vision Plan	11.4%	18.7%	29.7%	41.9%	71.1%
Part-Time Employees					
Child Care	0.6%	1.1%	0.7%	2.2%	1.9%
Dental Plan	2.4%	1.3%	7.8%	5.1%	35.4%
Dependent Health Ins.	3.3%	1.6%	6.7%	8.4%	35.9%
Educational/Tuition Assist.	5.5%	5.1%	7.6%	6.8%	50.0%
Flex. Spending Account	1.6%	1.4%	2.8%	4.4%	44.8%
Health Insurance	4.4%	3.0%	6.7%	10.2%	36.1%
Hiring Bonus	0.6%	1.1%	1.1%	3.9%	11.5%
Life Insurance	2.7%	1.0%	3.5%	5.6%	26.7%
Long-Term Disability	0.9%	0.3%	0.7%	3.1%	19.0%
Operate in Shifts	3.4%	8.7%	13.7%	24.5%	22.9%
Shift Differentials	35.9%	3.9%	9.8%	41.8%	51.4%
Paid Holidays	14.1%	9.4%	11.4%	15.4%	54.7%
Paid Personal Leave	5.6%	6.1%	3.7%	7.1%	38.5%
Paid Sick Leave	4.8%	4.2%	5.0%	5.6%	34.5%
Paid Vacation	8.5%	9.3%	12.9%	15.2%	26.4%
Retirement Plan	6.9%	9.9%	5.4%	13.5%	61.5%
Short-Term Disability	1.0%	0.4%	1.5%	2.0%	19.8%
Vision Plan	0.7%	1.6%	6.2%	5.2%	30.5%

(Text continued from page 5)

retirement benefits and it was offered to 95.2% of workers.

In 2009 the benefit offered to the greatest percentage of full-time employees was health insurance (80.2%; see Table 4, page 10) followed closely by paid holidays (80.0%) and retirement plans (78.3%). The two benefits offered to the greatest proportion of part-time employees were retirement plans (32.4%) and paid holidays (31.5%).

Table 4 also shows trends over time in the percentage of full- and part-time employees who were offered benefits. As noted earlier, the method of creating estimates was changed this year, and the results from both methods of estimation are shown for 2008. Overall, for most benefits, this new methodology resulted in small decreases in the proportion of both full- and part-time employees who were offered benefits.

In 2009, the percentage of full-time employees who were offered benefits increased for most benefits compared to the new estimates for 2008. Five benefits did not show increases: child care, health insurance, life insurance, shift differentials, and retirement plans. Similarly, there were increases in the percentage of part-time employees who were offered benefits for all but two benefits: child care and retirement plans.

As Figure 6 (see page 11) shows, the estimated proportion of full-time employees who were offered health insurance in 2009 declined slightly from the previous year while the proportion of full-time employees who were offered dependent health insurance increased slightly. However, these changes may simply be due to changes in methodology that were implemented in 2009. The number and proportion of employers that offered benefits to full-time employees increased with firm size (see Table 5, page 12). For example, 19.1% of firms with 1-4 employees offered dental benefits compared to 37.4% of those with 10-19 employees and 83.6% of those with 50 or more employees. This was also the case for parttime employees. Only 2.3% of the smallest employers offered dental benefits to their part-time workers compared to 5.2% of employers with 10-19 workers and 23.2% of the largest employers.

The number and percentage of all employees offered health insurance varied widely by industry (see Figure 7, page 13). In the natural resources & mining

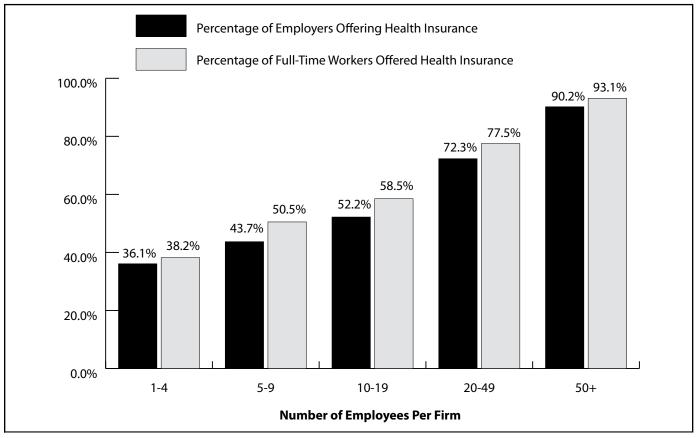


Figure 4: Percentage of Employers in Wyoming Offering and Percentage of Full-Time Workers Offered Health Insurance by Employer Size, 2009

industry, 92.7% (23,557) of employees were offered health insurance. In the educational & health services industry an estimated 43,354 employees (75.1%) were offered health insurance. In the leisure & hospitality industry, only 5,691 employees (27.5%) were offered health insurance.

The estimated percentage of full- and part-time workers who were offered benefits varied by industry and benefit (see Table 6, page 14). Overall, 80.1% of full-time employees, regardless of industry, were offered health insurance, 71.5% were offered a dental plan, 78.1% were offered a retirement plan, 75.4% were offered paid vacation, and 50.7% were offered paid sick leave. In comparison, 19.8% of parttime workers in all industries were offered health insurance, 18.3% were offered dental insurance, 32.7% were offered a retirement plan, 18.5% were offered paid vacation, and 18.2% were offered paid sick leave.

Firms in natural resources & mining offered a greater proportion of full-time employees most benefits compared to the average for all industries. The only exception was child care (natural resources & mining, 1.9%; all industries, 2.9%). Nearly all employees in this industry were offered health insurance (91.8%) and paid vacation (93.0%), and more than threequarters were offered dental plans (85.1%), dependent health insurance (90.7%),

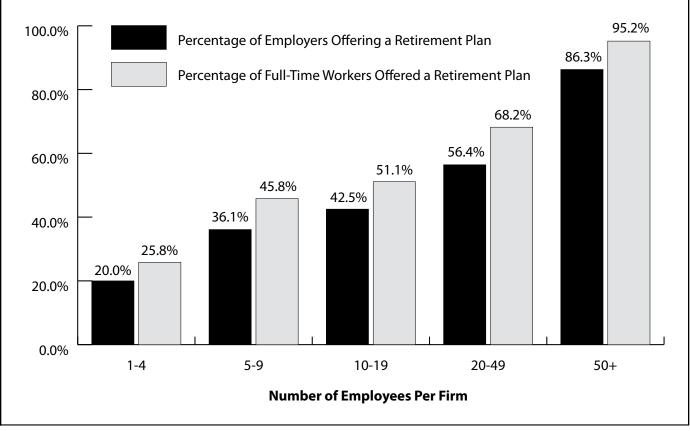


Figure 5: Percentage of Employers in Wyoming Offering and Percentage of Full-Time Workers Offered a Retirement Plan by Employer Size, 2009

flexible spending accounts (74.7%), life insurance (87.5%), long-term disability (79.2%), shift differentials (89.5%), retirement plans (90.2%), and vision plans (78.2%).

The proportion of employees in the construction industry who were offered benefits was lower than that for all workers for most benefits. Approximately 63.3% of construction employees were offered health insurance compared to the average of 80.1% for all employees. Similarly, only 55.0% of workers in construction were offered paid vacation compared to 75.4% of all workers.

Across all industries, an average of 78.1% of workers were offered retirement benefits but in the construction industry 56.9% of employees were offered the benefit.

A greater proportion of workers in manufacturing was offered health insurance (84.7%) and paid vacation (82.7%), and approximately the same proportion of these workers were offered retirement benefits (78.4%) compared to the average for all employees. Firms in this industry offered 70.9% of employees dental insurance, and 81.6% of employees were offered dependent health insurance. Firms

	200)5*	200	6*	200)7*	200	8*	20	08	20	09
Benefit Type	Full- Time	Part- Time										
Child Care	5.7%	0.4%	6.0%	1.6%	5.7%	4.8%	14.3%	4.4%	14.0%	4.3%	2.9%	1.6%
Dental Plan	67.8%	9.4%	69.7%	11.2%	65.3%	11.9%	68.5%	9.4%	68.4%	9.8%	71.7%	18.39
Dependent Health Insurance	74.4%	9.6%	74.9%	11.0%	72.8%	11.6%	77.0%	8.2%	76.9%	8.6%	77.3%	19.19
Educational/Tuition Assist.	46.6%	24.7%	47.6%	20.7%	49.6%	20.9%	49.4%	20.1%	49.0%	19.9%	52.3%	25.99
Flexible Spending Account	45.5%	17.7%	47.5%	18.8%	45.6%	17.9%	50.7%	13.4%	50.2%	13.4%	53.6%	21.64
Health Insurance	78.0%	11.3%	79.2%	12.1%	76.3%	13.4%	80.9%	10.1%	80.6%	10.5%	80.2%	19.8
Hiring Bonus	19.9%	5.4%	22.5%	7.7%	27.1%	8.7%	25.8%	4.7%	25.8%	5.2%	26.8%	6.30
Life Insurance	66.8%	8.1%	69.7%	8.9%	67.3%	10.0%	72.5%	9.4%	72.0%	9.4%	71.6%	13.9
Long-Term Disability	45.1%	5.7%	44.1%	6.0%	40.7%	6.2%	43.0%	6.0%	42.4%	6.0%	50.9%	9.3
Operate in Shifts	44.8%	44.6%	44.5%	40.7%	43.1%	30.4%	36.2%	25.1%	36.3%	24.8%	37.6%	18.2
Shift Differentials	45.8%	23.0%	49.2%	26.3%	51.6%	22.1%	56.9%	31.5%	60.3%	31.5%	56.5%	41.3
Paid Holidays	80.6%	25.7%	77.7%	26.4%	73.9%	27.7%	75.5%	18.9%	75.4%	18.9%	80.0%	31.59
Paid Personal Leave	33.3%	10.2%	38.3%	13.5%	46.6%	20.4%	41.1%	17.1%	40.6%	17.1%	48.9%	20.4
Paid Sick Leave	51.7%	19.7%	47.0%	17.5%	39.1%	15.1%	43.4%	11.1%	43.3%	11.1%	50.8%	18.29
Paid Vacation	74.8%	21.3%	76.0%	21.8%	71.8%	28.5%	72.0%	17.4%	72.5%	17.5%	75.3%	18.5
Retirement Plan	75.2%	28.3%	77.8%	30.8%	75.8%	33.1%	79.0%	33.1%	79.0%	33.1%	78.3%	32.4
Short-Term Disability	30.8%	1.8%	31.0%	4.0%	29.4%	4.3%	36.1%	3.0%	35.6%	3.0%	36.7%	9.6
Vision Plan	39.3%	4.4%	44.3%	6.8%	45.9%	9.9%	52.1%	7.3%	51.8%	7.7%	54.4%	15.89

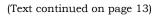
in this industry also offered 91.9% of their employees paid holidays.

Included in the trade, transportation, & utilities industry are a variety of firms such as retail stores, trucking companies, and electrical power plants. In 2009, 78.0% of employees in these companies were offered health insurance and 73.9% were offered retirement plans. Also, 68.0% of employees were offered dental plans, 74.6% were offered dependent health coverage, 76.0% were offered paid vacation, and 77.0% were offered paid holidays.

A greater proportion of employees in the information industry were offered health

insurance (85.3%) and retirement plans (81.2%) than average. Of the workers in this industry, 84.6% were offered dental insurance, 83.6% were offered dependent health insurance, 87.8% were offered paid vacation, and 91.1% were offered paid holidays.

Compared to the average for workers in all industries, a greater proportion of employees in the financial activities industry were offered most benefits. The exceptions were tuition assistance (44.8%), hiring bonuses (15.1%), shift differentials (25.8%), and paid vacation (74.1%). Of



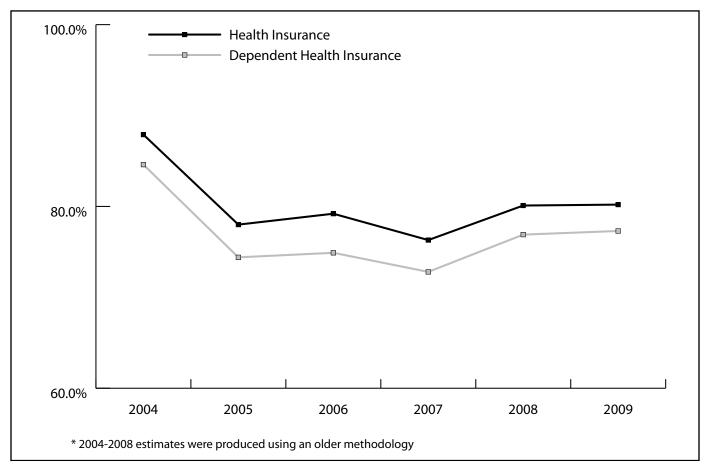


Figure 6: Percentage of Full-Time Employees in Wyoming Offered Health Insurance and Dependent Health Insurance, 2004-2009

Time Employees in Wyoming by Number of Employees Per Firm, 2009 Number of Employees Total % of All Offering 5-9 10-19 20-49 50+ **Benefit Type** 1-4 Employees Benefits **Total Full-Time Employees** % % n % % % n Child Care 1.3% 2.0% 3.5% 5.2% 1.7% 147 81 29 1.2% 48 43 347 56.3% 83.6% **Dental Plan** 2,248 19.1% 1,164 28.5% 908 37.4% 775 683 5,778 28.2% 729 Dependent Health Ins. 3,132 26.6% 1,453 35.6% 1,118 46.1% 923 67.0% 89.3% 7,355 35.9% Educational/Tuition Assist. 2,388 20.3% 761 18.7% 533 22.0% 374 27.1% 417 51.1% 4,474 21.8% 9.0% **Flexible Spending Account** 1,075 9.1% 367 279 11.5% 293 21.3% 390 47.7% 2,403 11.7% Health Insurance 4,250 36.1% 1,781 43.7% 1,267 52.2% 995 72.3% 90.2% 9,031 44.1% 737 **Hiring Bonus** 514 4.4% 201 4.9% 170 7.0% 186 13.5% 201 1,273 24.6% 6.2% Life Insurance 2,396 20.3% 987 24.2% 955 39.3% 742 53.9% 647 79.2% 5,727 28.0% Long-Term Disability 9.5% 8.8% 24.0% 1,114 359 302 12.4% 331 443 54.2% 2,549 12.4% **Operate in Shifts** 517 4.4% 447 11.0% 301 404 29.3% 46.2% 2,047 10.0% 12.4% 378 Shift Differentials 231 44.6% 83 2.0% 41 1.7% 108 7.8% 156 19.1% 618 30.2% Paid Holidays 6,043 51.3% 2,210 54.2% 1,414 58.3% 868 63.1% 662 81.0% 11,197 54.7% Paid Personal Leave 3,404 28.9% 1,263 31.0% 777 32.0% 495 35.9% 329 40.3% 6,269 30.6% Paid Sick Leave 3,340 28.3% 1,061 26.0% 668 27.5% 404 29.3% 50.7% 5,886 28.7% 414 Paid Vacation 5,941 50.4% 2,311 56.7% 1,626 67.0% 922 66.9% 673 82.4% 11,472 56.0% **Retirement Plan** 2,359 20.0% 1,472 36.1% 1,030 42.5% 777 56.4% 705 86.3% 6,343 31.0% Short-Term Disability 1,072 9.1% 330 8.1% 346 14.3% 323 23.4% 388 47.5% 2,459 12.0% Vision Plan 1,188 10.1% 615 15.1% 605 24.9% 492 35.7% 507 62.1% 3,407 16.6% **Total Part-Time Employees** % % % % % Child Care 87 0.5% 29 24 4.2% 1.0% 0.7% 64 10 1.8% 2.0% 214 Dental Plan 2.3% 8.6% 277 123 3.3% 178 5.2% 86 167 23.2% 831 4.1% 1.9% 435 156 3.3% 5.5% 984 Dependent Health Ins. 3.7% 119 122 151 21.8% 4.8% 11.3% Educational/Tuition Assist. 772 6.5% 249 184 11.1% 142 11.5% 178 28.5% 1,524 7.4% Flexible Spending Account 147 1.2% 2.2% 50 2.3% 7.1% 21.2% 412 2.0% 72 30 114 Health Insurance 602 5.1% 198 5.9% 156 7.6% 130 7.4% 161 23.4% 1,248 6.1% **Hiring Bonus** 63 0.5% 36 1.0% 24 2.1% 48 4.9% 48 7.3% 220 1.1% Life Insurance 355 3.0% 103 2.6% 145 4.8% 85 9.4% 148 21.5% 836 4.1% Long-Term Disability 112 1.0% 31 1.3% 2.7% 37 3.0% 100 15.7% 333 53 1.6% **Operate in Shifts** 348 2.9% 246 12.0% 186 11.4% 209 14.9% 197 27.9% 1,185 5.8% Shift Differentials 160 46.0% 28 10.9% 17 26.8% 83 30.9% 71 52.0% 359 1.8% **Paid Holidays** 1,915 16.2% 658 21.7% 485 20.4% 256 17.1% 255 26.0% 3,569 17.4% Paid Personal Leave 629 7.3% 20.5% 6.4% 375 6.9% 160 7.9% 88 137 1,389 6.8% Paid Sick Leave 689 4.5% 245 6.4% 191 5.9% 100 6.9% 141 17.1% 1,367 6.7% **Paid Vacation** 11.6% 482 14.9% 394 201 13.9% 197 20.8% 2,435 1,160 16.2% 11.9% 11.4% **Retirement Plan** 434 9.5% 19.8% 25.7% 43.8% 1,356 351 155 172 245 6.6% 11.0% Short-Term Disability 124 0.3% 59 1.9% 36 3.5% 32 2.9% 104 354 1.7% Vision Plan 0.1% 2.3% 473 62 72 118 1.5% 84 4.9% 137 20.7% 2.3%

Table 5: Number and Percentage of Wyoming Employers Offering Selected Benefits to Their Full- and Part-

(Text continued from page 11)

these employees, 86.3% were offered health insurance and 80.2% were offered retirement benefits. Dental coverage was offered to 80.5% of these employees, dependent health insurance was offered to 84.3%, and paid holidays were offered to 93.3%.

The professional & business services sector includes a wide range of firms such as temporary help agencies, engineering firms, landscaping and snow removal services, and law offices. Overall, employees in this industry were somewhat less likely to be offered benefits compared to the average for all workers. Of these workers, 76.1% were offered health insurance and 67.3% were

50,000

40,000

30,000

20,000

10,000

Number of Employees

Х

offered retirement benefits. Just over half of these employees (57.0%) were offered dental insurance, two-thirds (66.6%) were offered dependent health insurance, and 78.2% were offered paid holidays. Nearly two-thirds of these employees (60.6%) were offered paid vacation.

The educational & health services sector includes both private and public employers such as school districts, hospitals, doctor's offices, and colleges and universities. They include a full range of employer sizes, from the very small to the very large. Overall, full-time employees in this sector were more likely to be offered

Percentage of Employees

100.0%

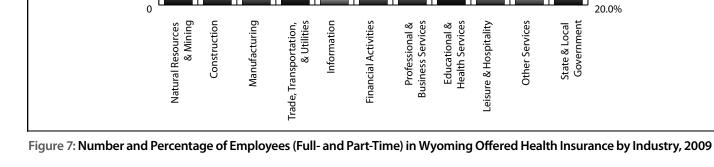
80.0%

60.0%

40.0%

Х

Х



Number of Employees

 \times

Х

Х

 \times

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Х

Х

Percentage of Employees

X

⁽Text continued on page 15)

Genefit Type	All Industries	Natural Resources & Mining	Construction	Manufacturing	Trade, Transp., & Utilities	Information	Financial Activities	Professional & Business Services	Educational & Health Services	Leisure & Hospitality	Other Services	State & Local Government
Full-Time Employees												
Child Care	2.9 %	1.9%	8.6%	1.3%	1.4%	2.9%	4.1%	3.9%	3.7%	0.2%	0.7%	0.79
Dental Plan	71.5%	85.1%	47.5%	70.9%	68.0%	84.6%	80.5%	57.0%	85.8%	33.1%	50.4%	97.29
Dependent Health Insurance	77.2%	90.7%	59.5%	81.6%	74.6%	83.6%	84.3%	66.6%	89.2%	32.6%	59.6%	98.09
Educational/Tuition Assistance	52.1%	68.2%	34.5%	58.8%	39.3%	70.4%	44.8%	46.8%	74.9%	37.6%	33.7%	44.19
Flexible Spending Account	53.4%	74.7%	19.7%	62.0%	38.3%	74.9%	59.8%	31.3%	76.0%	35.2%	15.1%	76.39
Health Insurance	80.1%	91.8%	63.3%	84.7%	78.0%	85.3%	86.3%	76.1%	91.6%	33.9%	65.1%	99.0%
Hiring Bonus	26.7%	62.9%	17.2%	39.8%	19.5%	41.8%	15.1%	16.2%	31.8%	14.4%	16.5%	9.29
Life Insurance	71.4%	87.5%	52.0%	77.2%	64.7%	79.5%	75.3%	56.0%	87.8%	24.7%	45.6%	97.69
Long-Term Disability	50.8%	79.2%	11.2%	42.6%	34.5%	77.4%	62.8%	31.7%	78.4%	15.3%	29.9%	71.79
Operate in Shifts	37.5%	70.0%	10.5%	64.1%	28.1%	41.0%	7.5%	18.5%	28.8%	67.3%	20.8%	65.0
Shift Differentials	56.6%	89.5%	77.5%	84.2%	56.5%	79.3%	25.8%	6.4%	84.2%	8.3%	47.3%	9.79
Paid Holidays	80.0%	86.4%	61.3%	91.9%	77.0%	91.1%	93.3%	78.2%	89.6%	38.8%	69.2%	99.9
Paid Personal Leave	48.9 %	63.5%	38.9%	32.4%	30.0%	32.7%	54.1%	52.2%	81.6%	16.3%	29.1%	40.8
Paid Sick Leave	50.7%	71.6%	18.5%	50.1%	28.4%	65.2%	65.5%	33.7%	65.4%	31.9%	28.2%	98.9
Paid Vacation	75.4%	93.0%	55.0%	82.7%	76.0%	87.8%	74.1%	60.6%	70.4%	63.8%	80.7%	99.5
Retirement Plan	78.1%	90.2%	56.9%	78.4%	73.9%	81.2%	80.2%	67.3%	89.2%	56.4%	59.7%	98.89
Short-Term Disability	36.6%	47.2%	18.9%	52.3%	34.9%	36.1%	57.3%	32.3%	46.6%	13.3%	29.1%	28.9
Vision Plan	54.3%	78.2%	30.5%	47.9%	42.7%	80.9%	71.6%	41.3%	60.0%	31.0%	28.2%	87.79
Part-Time Employees												
Child Care	1.6%	0.0%	2.2%	0.0%	0.1%	0.1%	0.1%	0.0%	4.1%	1.4%	0.0%	1.79
Dental Plan	18.3%	0.7%	8.1%	1.0%	29.3%	3.6%	7.1%	3.7%	26.0%	15.4%	4.1%	13.09
Dependent Health Insurance	19.1%	1.3%	9.3%	1.0%	32.0%	2.3%	7.9%	2.9%	26.4%	16.0%	4.1%	13.09
Educational/Tuition Assistance	25.9 %	3.3%	2.7%	2.6%	32.9%	7.0%	5.7%	12.3%	52.0%	15.2%	9.1%	17.59
Flexible Spending Account	19.8 %	0.0%	2.2%	0.3%	28.6%	6.6%	8.9%	4.4%	54.5%	1.6%	2.4%	29.09
Health Insurance	19.8 %	1.3%	10.6%	2.0%	32.5%	2.3%	9.2%	3.2%	27.3%	16.8%	5.0%	13.39
Hiring Bonus	6.3%	0.0%	1.8%	0.0%	0.5%	2.8%	0.0%	9.0%	20.7%	2.4%	0.0%	0.79
Life Insurance	13.9%	1.3%	4.9%	1.0%	29.7%	4.0%	8.5%	3.1%	24.7%	1.7%	3.7%	12.99
Long-Term Disability	9.3 %	0.0%	0.0%		17.1%	5.9%	0.9%	2.0%	22.5%	0.0%	2.6%	5.39
Operate in Shifts	18.2%	5.1%	0.6%		14.6%		3.9%			22.1%	11.6%	12.9
Shift Differentials	41.3%	55.6%	0.0%		18.1%		3.7%			19.4%	0.0%	8.4
Paid Holidays	31.5%	6.7%	17.5%		37.8%	15.0%	19.9%		50.2%	15.9%	12.6%	58.1
Paid Personal Leave	20.4%	1.9%	1.7%	0.8%	2.9%	12.7%	7.4%	8.7%	59.4%	14.9%	4.8%	8.30
Paid Sick Leave	18.2%	3.0%	4.2%		28.2%	5.9%	6.7%	5.2%	39.6%	0.0%	5.2%	33.0
Paid Vacation	18.5%	7.6%	7.3%		30.8%	17.6%	9.4%		18.8%	8.9%	17.3%	33.7
Retirement Plan	32.7%	12.5%	9.9%	2.6%	36.1%	10.9%	16.3%		64.2%	19.4%	4.9%	40.1
Short-Term Disability	9.6%	2.3%	0.6%		25.6%	3.7%	1.3%	1.7%	14.3%	1.8%	2.9%	3.9
Vision Plan	15.8%	0.0%	1.0%	1.0%	29.2%	3.3%	4.8%	2.6%	19.4%	15.4%	2.3%	4.6

(Text continued from page 13)

health insurance than average (91.6%), and more likely than average to be offered retirement benefits (89.2%). They were also more likely than average to be offered dental benefits (85.8%), dependent health insurance (89.2%), and paid holidays (89.6%). A smaller proportion (70.4%) than the average were offered paid vacation. However, 81.6% were offered paid personal leave.

Leisure & hospitality is a highly seasonal industry that includes hotels, restaurants, and museums. Compared to other industries, leisure & hospitality had the smallest proportion of employees who were offered any benefit. Of these employees, 33.9% were offered health insurance and 56.4% were offered retirement plans. Additionally, 33.1% of the full-time employees were offered dental coverage, 38.8% were offered

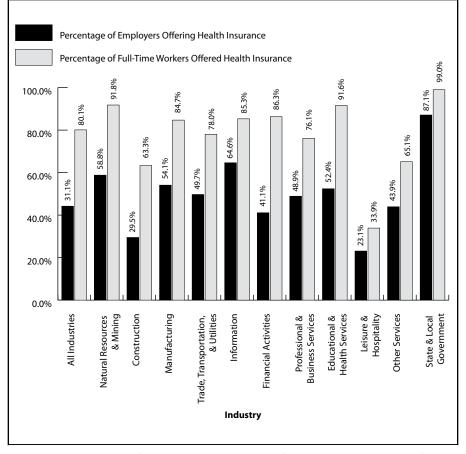


Figure 8: Percentage of Wyoming Employers Offering and Percentage of Full-Time Workers Offered Health Insurance by Industry, 2009 dependent health insurance, 16.3% were offered paid holidays, and 63.8% were offered paid vacation.

The other services industry includes businesses such as automotive repair services, hair salons, membership organizations, and commercial laundries. Only 65.1% of employees in this industry were offered health insurance and 59.7% were offered retirement benefits. Approximately half of those employees were offered dental plans, 59.6% were offered dependent health coverage, 69.2% were offered paid holidays, and 80.7% were offered paid vacation.

Full-time employees working in state & local government were very likely to be offered all benefits. In 2009. 99.0% of these employees were offered health insurance and 98.8% were offered retirement plans. Similarly, 97.2% of these employees were offered dental plans, 98.0% were offered dependent health insurance, 99.9% were offered paid holidays, and 99.5% were offered paid vacation time.

Figures 8 and 9 (see page 16) show the percentage of employers that offered health

and retirement benefits in 2009 and the percentage of full-time employees who were offered those benefits by industry. Natural resources & mining (91.8%), education & health services (91.6%), and state & local government (99.0%) had the highest proportion of workers offered health insurance. However, just over half of the employers in natural resources & mining (58.8%) and in educational & health services (52.4%) offered this benefit. Nearly 9 out of 10 (87.1%) of workers in state & local government were offered health insurance.

Natural resources & mining (90.2%), education & health services (89.2%), and state & local government (98.8%) were also the industries with the largest proportion of workers offered retirement benefits. Information (64.6%) and state & local government (87.1%) had the largest percentage of employers offering the benefit.

Table 7 (see page 17) provides details on the types of retirement plans offered by employers. There are two basic types of retirement plans: defined-contribution and defined-benefit. In a defined-contribution plan, employees and/or employers make specific contributions, such as a certain percentage of wages from each pay period. Benefits from this type of account typically depend on the amount contributed and the investment's performance. Defined-contribution plans are generally designed to be flexible and portable. An example of this type of account is a 401K account. In contrast, defined-benefit plans provide a set amount of benefits after retirement based on a set formula.

Defined-benefit plans include pension plans where the benefits are related to the employee's years of service and highest salary. Sometimes employers offer both a defined-benefit plan and a defined-contribution plan.

Defined-contribution plans were offered to a larger estimated proportion of full-time employees than were defined-benefit plans. In all industries, 91.2% of full-time employees were

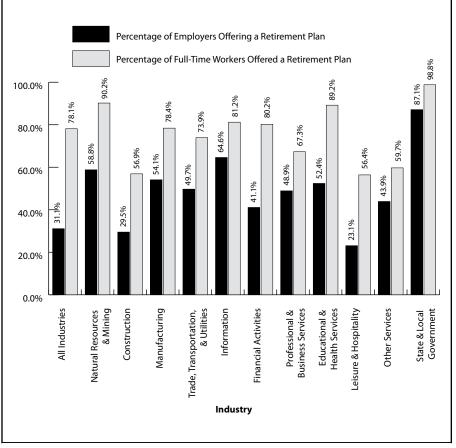


Figure 9: Percentage of Wyoming Employers Offering and Percentage of Full-Time Workers Offered a Retirement Plan by Industry, 2009 offered defined-contribution plans compared to 28.3% of employees who were offered defined-benefit plans. Defined-contribution plans were overwhelmingly paid for jointly by both the employee and the employer (71.8%) while the majority of defined-benefit plans were paid solely by the employer. Similarly, a large proportion of part-time employees in all industries were offered defined-contribution plans (86.9%) but only 13.7% were offered defined-benefit plans. A greater estimated proportion of employees in firms with 50 or more employees were offered defined-benefit retirement plans (34.6%; see Table 8, page 18) than in firms with fewer workers. Only 12.5% of employees in firms with 1-4 employees and 5.8% of employees in firms with 10-19 employees were offered this type of retirement plan. Nine out of ten full-time employees in each size class were offered defined-contribution plans.

	All Industries	Natural Resources & Mining	Construction	Manufacturing	Trade, Transp., & Utilities	Information	Financial Activities	Professional & Business Services	Educational & Health Services	Leisure & Hospitality	Other Services	State & Local Government
Retirement Plan Type Full-Time Employees	4	22	0	<		=	ш.	4 0	шо		0	N 0
Defined-Contribution Plan	91.2%	97.7 %	97.1%	96.7 %	96.0%	91.7%	98.2%	95.3%	90.3%	100.0%	91.5%	86.9 %
Employer Paid Only	10.4%	7.5%	2.8%	3.0%	5.5%	31.7%	15.3%	5.1%	20.8%	1.5%	12.4%	9.19
Employee Paid Only	17.8%	3.3%	3.1%	4.5%	15.3%	19.3%	5.0%	9.3%	19.7%	14.2%	6.0%	69.29
Paid Jointly	71.8%	89.2%	94.1%	92.5%	79.2%	49.1%	79.7%	85.6%	59.5%	84.3%	81.6%	21.79
Defined-Benefit Plan	28.3%	38.4%	2.9%	28.3%	7.0%	31.0%	5.7%	4.7%	38.1%	0.0%	8.5%	83.6%
Employer Paid Only	77.3%	100.0%	100.0%	100.0%	86.1%	100.0%		86.3%	93.8%	0.0%	62.6%	41.9%
Employee Paid Only	0.6%	0.0%	0.0%	0.0%	10.5%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.29
Paid Jointly	22.1%	0.0%	0.0%	0.0%	3.4%	0.0%	0.0%	13.7%	5.9%	0.0%	37.4%	58.09
Part-Time Employees												
Defined-Contribution Plan	86.9 %	100.0%	100.0%	100.0%	1 00.0 %	100.0%	98.5 %	100.0%	78.4 %	100.0%	78.4 %	57.2 9
Employer Paid Only	19.5%	58.1%	6.4%	0.0%	2.3%	56.6%	14.1%	11.6%	40.6%	1.3%	0.0%	14.79
Employee Paid Only	14.7%	0.0%	40.7%	0.0%	3.7%	0.0%	0.0%	9.3%	20.0%	0.0%	0.0%	85.39
Paid Jointly	65.8%	41.9%	52.9%	100.0%	94.0%	43.4%	85.9%	79.0%	39.4%	98.7%	100.0%	0.09
Defined-Benefit Plan	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	21.6 %	0.0%	21.6 %	42.89
Employer Paid Only	92.5%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	0.0%	76.39
Employee Paid Only	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.09
Paid Jointly	7.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	23.79

Note: Percentages may not add to 100.0% due to rounding.

As shown in Figure 10 (see page 19) among all size classes, more than 90% of employees were offered a definedcontribution retirement plan, which was offered to more than 90% of full-time employees. Conversely, less than a quarter of employers offered a defined-benefit plan regardless of size class, and less than half of full-time employees were offered the plan.

Table 9 (see page 19) shows the average percentage of full- and part-time employees who were offered insurance and retirement benefits and chose to enroll. Just over half (53.9%) of full-time employees enrolled in defined-contribution retirement plans while nearly all (98.3%) enrolled in defined-benefit plans. Employees are typically enrolled in defined-benefit plans automatically by their employers. Nearly three out of four full-time employees enrolled in health insurance plans (73.2%), and 72.8% chose to enroll in dental plans.

As shown in Figure 11 (see page 20), enrollment rates between 2008 and 2009 for full-time employees who were offered benefits slightly increased for dental plans, dependent health insurance, health insurance, shortterm disability coverage, and definedcontribution retirement plans. Enrollment rates decreased slightly for life insurance, long-term disability coverage, and definedbenefit plans.

Figure 12a (see page 21) shows the

		N	lumber of	f Employee	es	
Retirement Plan Type	Total	1-4	5-9	10-19	20-49	50+
Full-Time Employees						
Defined-Contribution Plan	91.2%	89.7 %	90.8 %	94.2 %	90.2 %	91.2%
Employer Paid Only	10.4%	19.9%	14.3%	10.5%	9.1%	10.1%
Employee Paid Only	17.8%	12.4%	9.8%	10.3%	12.8%	20.1%
Paid Jointly	71.8%	67.8%	75.9%	79.1%	78.1%	69.8%
Defined-Benefit Plan	28.3%	12.5%	9.2 %	5.8 %	14.2%	34.6%
Employer Paid Only	77.3%	82.4%	61.4%	77.8%	73.4%	77.8%
Employee Paid Only	0.6%	5.5%	0.0%	0.0%	9.1%	0.0%
Paid Jointly	22.1%	12.1%	38.6%	22.2%	17.5%	22.2%
Part-Time Employees						
Defined-Contribution Plan	86.9 %	98.8 %	95.4 %	100.0%	74.1%	86.3%
Employer Paid Only	19.5%	21.9%	19.9%	12.3%	20.3%	19.6%
Employee Paid Only	14.7%	12.9%	6.1%	8.1%	3.3%	16.4%
Paid Jointly	65.8%	65.2%	74.0%	79.6%	76.4%	64.0%
Defined-Benefit Plan	13.7%	1.2%	4.6 %	0.0%	25.9%	13.7%
Employer Paid Only	92.5%	0.0%	29.7%	0.0%	81.3%	95.6%
Employee Paid Only	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Paid Jointly	7.5%	100.0%	70.3%	0.0%	18.7%	4.4%

Table 8: Of Employees Offered a Retirement Plan, Percentage of Employees Offered a Defined-Contribution or Defined-Benefit Retirement Plan in Wyoming by Number of Employees Per Firm, 2009

Note: Totals may not add to 100.0% due to rounding.

Table 9: Average Percentage of WyomingEmployees Offered Insurance and RetirementPlans and Chose to Enroll, 2009

Enrolled Benefit	Full-Time Mean	Part-Time Mean
Dental Plan	72.8%	35.6%
Dependent Health Insurance	43.4%	20.5%
Health Insurance	73.2%	32.7%
Life Insurance	87.2%	71.7%
Long-term Disability	73.7%	48.1%
Retirement		
Defined-Contribution	53.9%	35.7%
Defined-Benefit	98.3%	88.6%
Short-term Disability	66.9%	30.3%
Vision Plan	60.7%	39.8%

proportions of full-time employees who were offered selected benefits in 2009, 2008 (using both old and new methodologies, see methods section), and 2007 (using the old methodology). The proportion of employees who were offered and chose to enroll in benefits decreased between 2009 and 2008 (using the new methodology) for all benefits except vision plans and defined-benefit retirement plans. Figure 12b (see page 22) shows the same information for part-time employees. The proportion of these employees who were offered benefits and chose to enroll in them between 2009 and 2008 (using the new methodology) increased for health insurance, dependent health insurance,

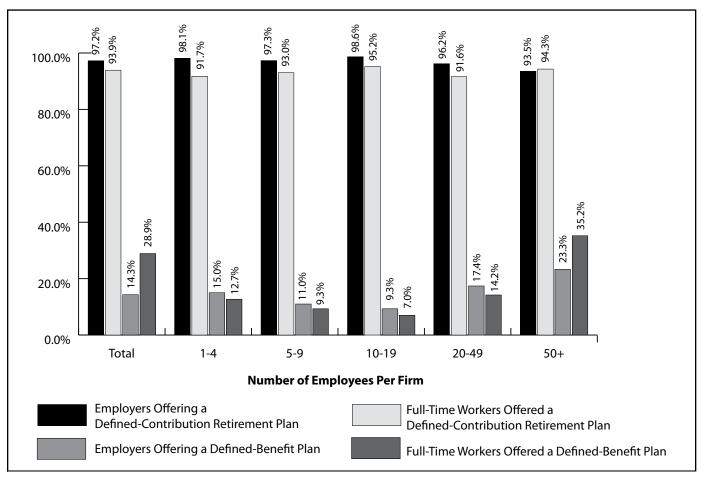


Figure 10: Percentage of Wyoming Employers Offering and Percentage of Full-Time Workers Offered a Retirement Plan by Size Class in Wyoming, 2009

dental plans, vision plans, life insurance, and long-term disability coverage.

Table 10 (see page 23) shows how benefits are paid. Just over half (51.3%) of employers paid all of their employees' health insurance costs while 2.4% of employees were responsible for the costs of the benefit and 46.3% of employers split the costs with their employees. Nearly threequarters of employers (73.8%) fully paid for life insurance and nearly 6 out of 10 fully funded the payments for long-term disability (58.8%) and short-term disability (57.1%).

Full- and part-time employees received similar days of paid holiday (7.2 and 7.1 days,

respectively; see Table 11, page 23). Full-time employees were offered an average of 7.7 days of sick leave and part-time employees were offered an average of 6.9 days. After 10 years, full-time employees were offered an average of 14.0 days of paid vacation compared to 11.0 days for part-time workers.

Summary

The likelihood of being offered benefits in Wyoming depends largely on work status, company size, and industry. Full-time workers were offered benefits at a greater rate than part-time workers. Workers in

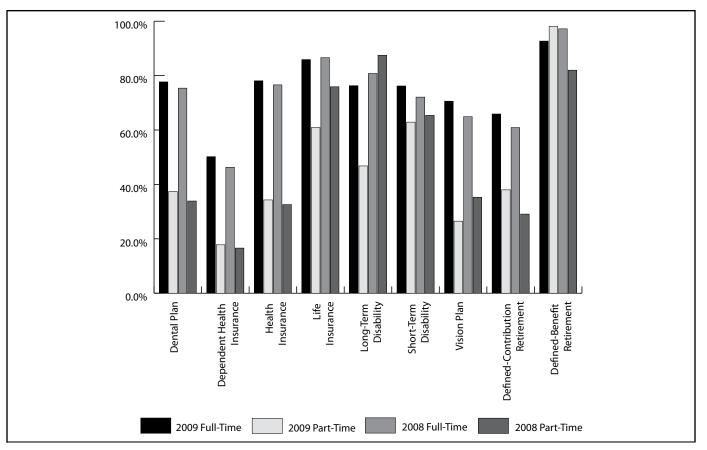


Figure 11: Average Percentage of Wyoming Employees Who Were Offered Insurance and Retirement Plans, and Who Chose to Enroll, 2008 and 2009

larger firms were offered benefits more often than those in smaller firms. Larger proportions of workers in natural resources & mining, educational & health services, information, and state & local government were offered benefits than workers in other industries.

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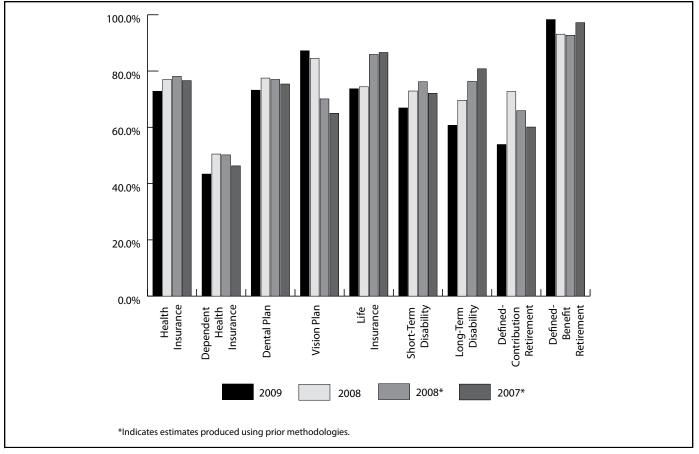


Figure 12a: Proportions of Full-Time Employees Offered Selected Benefits and Who Chose to Enroll, 2009

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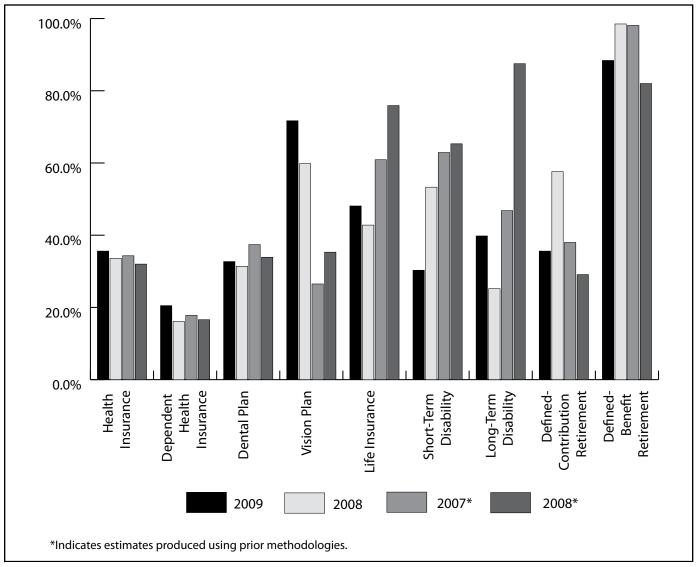


Figure 12b: Proportions of Part-Time Employees Offered Selected Benefits and Who Chose to Enroll, 2009

	Emplo	yer-Paid	Emplo	yee-Paid	Jointl	y Paid
Benefit Type	Full-Time	Part-Time	Full-Time	Part-Time	Full-Time	Part-Time
Dental Plan	40.2%	36.3%	16.4%	32.6%	43.5%	31.1%
Dependent Health Insurance	25.5%	6.0%	29.1%	57.0%	45.4%	37.0%
Health Insurance	51.3%	33.9%	2.4%	20.1%	46.3%	46.1%
Life Insurance	73.8%	74.2%	5.8%	16.8%	20.4%	9.1%
Long-Term Disability	58.8%	63.0%	25.7%	18.2%	15.4%	18.8%
Short-Term Disability	57.1%	58.3%	27.6%	34.0%	15.3%	7.7%
Vision Plan	32.8%	35.2%	19.9%	30.3%	47.2%	34.5%

Table 10: Amount Paid for Benefits by Employers for Wyoming Employees, 2009

Table 11: Average Number of Days of Leave Benefits for Wyoming Employees, 2009

		Numbe	r of Days	
	Full-	Time	Part	Time
Type of Leave	Mean	Mode	Mean	Mode
Paid Holidays	7.2	6	7.1	6
Paid Sick Leave	7.7	5	6.9	5
Paid Vacation (After 1 Year)	7.5	5	6.6	5
Paid Vacation (After 5 Years)	11.8	10	9.5	10
Paid Vacation (After 10 Years)	14.0	15	11.0	15
Paid Personal Leave (After 1 Year)	8.0	5	6.2	5
Paid Personal Leave (After 5 Years)	11.1	10	8.8	2
Paid Personal Leave (After 10 Years)	12.9	10	10.0	10

For more information on benefits in Wyoming, see Research & Planning's Benefits Website: http://doe.state.wy.us/LMI/benefits.htm

Paid Sick Leave • Child Care • Shift Differentials • Education Hiring Bonus • Flexible Spending Account • Short-Term Disa Holidays • Retirement Plan • Health Insurance • Paid Vacat Life Insurance
 Dental Plan
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 Child Car Educational/Tuition Assistance • Hiring Bonus • Flexible Sp Term Disability • Vision Plan • Paid Holidays • Retirement F Paid Vacation • Long-Term Disability • Life Insurance • Den Shift Differentials • Educational/Tuition Assistance • Hiring Account • Short-Term Disability • Vision Plan • Paid Holiday Health Insurance • Paid Vacation • Long-Term Disability • L Paid Sick Leave
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 Paid Sick Leave
 Child Care
 Shift Difference



Methodological Updates to the Wyoming Benefits Survey

Several methodological enhancements were developed for the most recent iteration of the Wyoming Benefits Survey. While most enhancements produced only small changes in the estimated values, others produced changes which are more noticeable. We are confident these changes increase the accuracy and reliability of the data and provide for better longitudinal analysis of results in the future. The primary focus of this round of updates was to address questionnaire item non-response. Note that our only interest is in *filling missing responses where a question should have been answered and was not answered*. All imputation and adjustment procedures are performed at the employer size and industry level (e.g., stratum, see Appendix B for details).

The major methodology enhancements are detailed below:

Notes on Data Imputation Algorithms

Item non-response can be problematic because respondents who did not answer questions may have different answer patterns than those who did. During prior survey analysis rounds analysts removed returned questionnaires with missing data from the analysis completely (list wise deletion) or only analyzed those returned questionnaires with valid responses to the questions of interest (pair wise deletion). Where pair wise deletion is concerned, analysts would use all available complete responses for a question rather than deleting the entire response thus increasing the amount of data available. Both of these methods can introduce substantial bias into estimates as they assume the response patterns of the missing data would have been identical to the known data.

To address the missing data issue, Research & Planning applied some previously developed methods (see *Private Sector Employee Access to Health Insurance and the Potential Wyo-Care Market*: <u>http://doe.state.wy.us/lmi/HCCFinal.htm</u> for details), in addition to new methods of dealing with missing data. Data imputation was a multi-step process because some responses are dependent on responses to a prior question. As an example, if a respondent offers retirement benefits to full-time employees, then the respondent is asked what type of retirement benefits are offered and subsequently who provides the contributions for those benefits.

Data imputation and adjustment methods were only used to correct and/or adjust for item nonresponse on returned questionnaires. No imputation was performed on unreturned questionnaires.

Survey Data Benchmarking



Some data items reported in the Wyoming Benefits Survey are benchmarked¹ to administrative data to increase estimates accuracy.² In this case, reported total employment and total wages paid are benchmarked to the QCEW. The benchmarking process is as follows:

- 1. Survey responses are checked to see if either of the following two conditions are true:
 - a. The employment as reported on the questionnaire (see Appendix C, question 1) is more than 50% greater than the amount reported in the QCEW or less than one-half of the amount reported in the QCEW.
 - b. The annual wages paid by the company (as reported in Appendix C question 24 "Cost of Benefits") are more than 50% greater than the amount reported in the QCEW or less than one-half the amount reported in the QCEW.
- 2. Questionnaire responses meeting either the criteria (1a & 1b) are set aside for further analysis.
- 3. Two adjustment factors are calculated for each questionnaire:
 - a. Employment: the ratio of questionnaire employment to the QCEW-reported value.
 - b. Wages: the ratio of questionnaire-reported wages to the QCEW-reported value.
- 4. The mean and median adjustment factors (for all respondents) by employer industry and size are calculated excluding those with calculated adjustments of 1.0. Any questionnaire value involving a quantity (e.g., how much, how many) is adjusted. This is done to keep the proportions of respondents the same while accounting for differences between the employment and wages reported for tax purposes and the wages and employment reported on questionnaires by survey respondents. This method forces total employment and wages to be at or near those reported for tax purposes since they are the official record of employment and wages.
- 5. If the employment adjustment factor for the record is greater than ten times the median value for the stratum (see Appendix A for details), the employment adjustment factor is set to the median value. We use median values because they are not influenced by extreme observations (either large or small). Using median values ensures we do not introduce bias into the estimates. The ratio of 10:1 was chosen based upon a visual inspection of both 2008 and 2009 data. The purpose is to adjust outliers which may unduly influence the estimates. Other values were left as reported.
- 6. Employment and wage adjustment factors (see above for definition) were used as the imputation steps described in subsequent sections:
 - a. All employment in addition to workers offered and enrolled in benefits are multiplied by the employment adjustment factor.
 - b. All reported wage responses (from the questionnaire) are multiplied by the wage adjustment factor.

Of the 2,401 questionnaires used in the 2009 analysis, 550 required a wage and/or an employment adjustment. In the past all adjustments were performed manually and at the sole

¹ Survey respondents (employers) report total employment during the reference period and total wages paid during the prior year. These responses are checked against what was reported administratively through the Quarterly Census of Employment and Wages program (QCEW) for unemployment insurance (UI) tax purposes.

² Accuracy is defined in this case as how closely the employment and wage data from the survey responses match those officially reported for tax purposes.



discretion of the analyst. While the analyst retains the option to intervene in the adjustment process under the new methodology, the rules for adjusting the data are more standardized, which should yield more consistent results.

"Yes" and "No" Response Questions

"Yes" and "No" Responses were imputed at the "highest" level in the survey first and then iteratively to successor questions using the following method³:

- 1. Counting all the surveys in which the question of interest was answered, then count all the "yes" responses and divide the second quantity by the first quantity by industry and employer size. We call this quantity P_{Yes} or the probability of a "yes" response.
- 2. For each record where a missing response occurs, calculate a random probability from the uniform distribution (P_{Critical}). This is done using a random number generating function contained in our statistical analysis package.
- 3. If $P_{\text{Critical}} \leq P_{\text{Yes}}$ then set the missing value to "Yes", otherwise set it to "No".
- 4. Repeat at subsequent levels until all questions which should have been answered contain a response, whether actual or imputed.
- 5. If the imputed response is a "No" then the numbers offered and enrolled in that benefit are set to zero.

A different random number function was used for each question to maintain independence among all calculations involving $P_{Critical}$ values.

Number Offered and Enrolled in Benefits

Once the missing "Yes" and "No" responses were filled, questions related to how many workers are offered and enrolled in certain benefits are imputed in the following manner:

- 1. Calculate the mean proportions offered and enrolled for each stratum (employer industry and size, see Appendix C for details).
- 2. If the imputed value is a "Yes", multiply the number of reported full- or part-time workers by the appropriate ratio. The number offered is calculated first, and then the number enrolled.

Who Pays for or Contributes to Those Benefits?

³ Benefits survey questions often occur in a hierarchy. For example, if a respondent answers "yes" to the question, "Does your company offer retirement benefits to full-time workers?" (see Appendix C, question 16), then

respondents are also asked what kind of retirement benefits are offered (e.g., defined benefit or defined contribution, Appendix C, question 17). Once those questions are answered, then respondents are asked how many workers are offered and enrolled in those benefit programs. If data imputation takes place, we first decide whether the missing response for the first question was a "yes" or a "no" then we determine the same for the underlying questions in the order they were asked. Doing so retains data integrity when missing responses are filled.

APPENDIX A

Imputing responses involving who funds certain benefits is more complex because three possible outcomes are involved, "Employer Paid", "Employee Paid" and "Jointly Paid". These responses were imputed as follows:

- 1. We calculate the outcome probabilities for each stratum (see Appendix A for details) and benefit (count of each kind of response divided by the total respondents who answered).
- 2. Within each stratum (employer industry and size, see Appendix A for details), place the values in descending order by calculated probability value.
- 3. Calculate a cumulative probability for each outcome. For example:
 - a. Probability of "Employer Paid" is 20% ($P_{Employer}$), the probability of "Employee Paid" is 35% ($P_{Employee}$) and the probability of "Jointly Paid" is 45% ($P_{Jointly}$).
 - b. The cumulative probability for P_{Jointly} is 0.45 since it is the largest in this case.
 - c. The cumulative probability for P_{Employee} is 0.80 (0.45 + 0.35) since it is the second largest.
 - d. The cumulative probability for $P_{Employer}$ is 1.00 (0.45 + 0.35 + 0.20) since it is the smallest.
 - i. If the P_{Critical} value is ≤ 0.45 the imputed value is set to "Jointly Paid".
 - ii. If $0.45 < P_{Critical} \le 0.80$ the imputed value is set to "Employee Paid".
 - iii. If $P_{Critical} > 0.80$ the imputed value is set to "Employer Paid".
- 4. The cumulative probabilities are calculated for each benefit by stratum (employer industry and size, see Appendix A for details), so the order of the categories can and does change.

Paid Personal, Vacation, Holiday and Sick Leave Benefits (Appendix C, Questions 12 - 15)

The amounts of these benefits reported by respondents are continuous values (number of days). In the case of paid personal and vacation leave, respondents report the number of annual days for full- and part-time workers with one, five and ten years of seniority. Median values were imputed for these questions so as not to introduce statistical outliers into the estimates. Since the amounts of leave are successor questions to the "Do you offer..." questions for each benefit, those responses (if missing) are imputed first. Missing responses are imputed as follows:

- 1. Calculate the median value (50th percentile) offered for each benefit by stratum (employer industry and size, see Appendix A for details).
- 2. If the benefit value is missing, impute the median value.



Appendix B – Strata Used in Imputation and Analysis

Industries:

Natural Resources & Mining

Construction

- Manufacturing
- Trade, Transportation, Warehousing & Utilities

Information

Financial Activities

Professional & Business Services

Educational & Health Services

Leisure & Hospitality

Other Services

Public Administration (State & Local Government)

Employer Size:

- 1 4 Employees
- 5 9 Employees
- 10 19 Employees
- 20-49 Employees

50+ Employees

There are eleven (11) industries and five (5) size classes for a total of 55 (11 x 5) strata combinations.



Appendix C: Benefits Survey Questionnaire

sion 2, October 11, 2010 Wyoming Department of Employment Research & Planning PO Box 2760 Casper, WY 82602 Tel: (307) 473-3811	APPENDIXev. 004 Please respond by October 07, 2010								
Wyoming DOE									
ABC Company 2010Q3-00	⁰⁰ 2010 Employee Benefits								
123 Main Street	Survey								
Anywhere, WY 82999-9999									
Instructions:									
• For accurate results, it is important that you fill out and return the	, , , ,								
If possible, please provide information for your Wyoming employees only.									
 Answer all questions for the pay period that included <u>August 12</u> If you have any questions about the survey places call pays to 									
 If you have any questions about the survey, please call Doug Leonard at (307) 473-3811 or email <u>dleona1@state.wy.us</u>. Diagon mail the completed survey in the pactage paid envelope or fax it to (207) 473-3814. 									
 Please mail the completed survey in the postage-paid envelope or fax it to (307) 473-3834. Your response to this survey is crucial to ensure the results obtained are accurate and complete. All information provided will remain strictly confidential. Results will be presented in aggregate form so that no individual response will be identifiable in any published results. 									
Which of the following options describes the status of your Wyomin	g operations during the pay period that included August 12,								
2010? Operating: Continue with the survey. Temporarily closed during this period: Please Permanently out of business: Please return the	return the form to the address at the top of the page. e form to the address at the top of the page.								
Contact Information									
Contact Person: Title:	Phone:()								
(contact information is needed in case clarification is needed about re	esponses to the survey)								
Check here if you would like an electronic copy of the results err	nailed to you.								
Email address:									
Employment									
1. How many workers does your company currently employ in Wyoming?	employees								
	If zero employees, please								
	check here and return the survey form.								
Based on your organization's classification of full-time and part-time:									
 How many employees are considered full-time? 	employees								
3. How many employees are considered part-time?	employees								
a. How many hours must your employees work each week to be considered full-time?	hours								
4. Is the information provided in questions 1 through 3:	 For Wyoming locations only For Wyoming and other locations (regional, nationwide, etc.) 								
For your responses to be interpreted properly, please answer	the remainder of the questions on the survey for the								
location(s) included in your answers to questions 1 through 3	5.								

APPENDIX C

Please answer the following questions for full- and part-time employees separately. Record information for **full-time** employees in **column 1**; if you have no full-time employees, leave column 1 blank. Record information for **part-time** employees in **column 2**; if you have no part-time employees, leave column 2 blank.

I	nsurance	Column 1 Column 2
	2010Q3-7512	Full-time Part-time
5.	Does your organization offer medical insurance? (if no, please skip to question #7)	Yes No Yes No
	 How many employees are <i>offered</i> medical insurance coverage for themselves? 	employees employees
	b. How many employees are <i>enrolled</i> in medical insurance coverage for themselves?	employees employees
	c. For the majority of employees, are medical insurance premiums:	100% employer paid 100% employer paid 100% employee paid 100% employee paid Jointly paid Jointly paid
6.	Does your organization offer medical insurance for employees' spouses or dependents? <i>(if no, please skip to question #7)</i>	Yes No Yes No
	a. How many employees are <i>offered</i> medical insurance coverage for their spouses or dependents?	employees employees
	b. How many employees <i>enroll</i> their spouses or dependents in medical insurance coverage?	employees employees
	 For the majority of employees, are medical insurance premiums for employees' spouses or dependents: 	100% employer paid 100% employer paid 100% employee paid 100% employee paid Jointly paid Jointly paid
7.	Does your organization offer dental insurance? (<i>if no, please skip to question #8</i>) a. How many employees are offered dental insurance?	Yes No Yes No
	b. How many employees are <i>enrolled</i> in dental insurance?	employees employees employees
	c. For the majority of employees, are dental insurance premiums:	100% employer paid 100% employer paid 100% employee paid 100% employee paid Jointly paid Jointly paid
8.	Does your organization offer vision insurance? (if no, please skip to question #9)	☐ Yes ☐ No ☐ Yes ☐ No
	a. How many employees are <i>offered</i> vision insurance?	employees employees
	b. How many employees are <i>enrolled</i> in vision insurance coverage?	employees employees
	 For the majority of employees, are vision insurance premiums: 	100% employer paid 100% employer paid 100% employee paid 100% employee paid Jointly paid Jointly paid
9.	Does your organization offer life insurance? (<i>if no, please skip to question #10</i>)	Yes No Yes No
	a. How many employees are <i>offered</i> life insurance?	employees employees
	b. How many employees are <i>enrolled</i> in life insurance?	employees employees
	c. For the majority of employees, are life insurance premiums:	100% employer paid 100% employer paid 100% employee paid 100% employee paid Jointly paid Jointly paid

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In	su	rance cont.		Column 1	E					
				Full-time		Part-time				
10.	(if	es your organization offer short-term disability insurance? no, please skip to question #11)		Yes 🗌 No		Yes	No			
	a.	How many employees are <i>offered</i> short-term disability insurance?		employees	-	employees				
	b.	How many employees are <i>enrolled</i> in short-term disability insurance?		employees	-	employees				
	c.	For the majority of employees, are short-term disability insurance premiums:	100%	% employer paid % employee paid ly paid	 100% employer paid 100% employee paid Jointly paid 					
11.		es your organization offer long-term disability insurance? <i>no, please skip to question #12)</i>		Yes 🗌 No		Yes No				
	a.	How many employees are <i>offered</i> long-term disability insurance?		employees	-	employees				
	b.	How many employees are <i>enrolled</i> in long-term disability insurance?		employees	-	employees				
	c.	For the majority of employees, are long-term disability insurance premiums:	100%	% employer paid % employee paid ly paid	10	00% employer pa 00% employee pa intly paid				
Pa	aid	Leave								
12.	Do	you offer paid personal leave ? (<i>Includes sick leave and vacation if your company does not differentiate between types of leave.</i>) (<i>if no, please skip to question #13</i>)		Yes	No	Yes	No			
	If y	yes, how many days of paid personal leave are offered:								
	a.	At 1 year of employment?		days		days	5			
	b.	At 5 years of employment?		days		days	5			
	c.	At 10 years of employment?		days		days	5			
13.		es your organization offer paid vacation leave? (<i>if no, plea</i> estion #14)	ase skip to	Yes [No	🗌 Yes 🗌	No			
	If y	yes, how many days of paid vacation are offered:								
	a.	At 1 year of employment?		days		days	5			
	b.	At 5 years of employment?		days		days	5			
		At 10 years of employment?		days		days	5			
14.		es your organization offer paid sick leave? <i>(if no, please s</i> sestion #15)	kip to	Yes [No	🗌 Yes 🗌	No			
	a.	If yes, how many days of paid sick leave are offered per	year?	days	5	day	/S			
15.	Da Ea Ve	es your organization offer paid holidays? (<i>For example: N</i> y, <i>Martin Luther King/Equality Day, President's Day, Good</i> ster, Memorial Day, Independence Day, Labor Day, Colum terans Day, Thanksgiving, Christmas) (if no, please skip estion #16)	l Friday, Ibus Day,	🗌 Yes [] No	🗌 Yes 🗌	No			
	a.	If yes, how many paid holidays are offered to employees year?	s each	days		days	5			

APPENDIX C

Retirement					Colu	umn 1	Column 2			
					Full	-time		Part-time		
16.		Ir organization offer a retirement plan to employees? ease skip to question #19)			Yes	□ N	0	🗌 Yes		No
17.	Doe reti	s your organization offer a <i>defined contribution</i> rement plan? (401k, IRA, savings & thrift, deferred fit sharing, etc.)			Yes	□ N	0	🗌 Yes		No
	a.	How many employees are <i>offered</i> a defined contribution retirement plan?			e	employees		e	mployee	S
	b.	How many employees are <i>enrolled</i> in the defined contribution retirement plan?		_	e	employees		e	mployee	S
	C.	Is the defined contribution retirement plan:		1009		oloyer paid oloyee paid d		 100% em 100% em Jointly pa 	ployee p	
	d.	How many years does it take for employees to be fully vested in the defined contribution retirement plan?				_ years			_ years	
18.	reti	s your organization offer a <i>defined benefit pension</i> irement plan? (uses a specific, pre-determined formula alculate an employees' future benefit)			Yes	□ N	0	🗌 Yes		No
	a.	How many employees are <i>offered</i> a defined benefit pension plan?			(employees		e	employee	S
	b.	How many employees are <i>enrolled</i> in the defined benefit pension plan?			(employees		e	employee	S
	С.	Is the defined benefit pension plan:		1009		oloyer paid oloyee paid d		 100% em 100% em Jointly pa 	ployee p	
	d.	How many years does it take for employees to be fully vested in the defined benefit pension plan?				_ years			_ years	
Mis	cellaneou	us Benefits								
19.		r organization offer child care benefits? (including on- care, reimbursements, vouchers, etc)			Yes	□ N	0	🗌 Yes		No
20.	Does you reimburs	rr organization offer tuition/educational assistance or			Yes	□ N	0	🗌 Yes		No
21. 22.	Does you	r organization offer hiring bonuses?			Yes	N	0	🗌 Yes		No
22.	(accounts	ir organization offer flexible spending accounts? s allowing employees to set aside money out of their			Yes	N	0	🗌 Yes		No
23.	Does you	pre-tax to pay insurance or medical premiums) or organization operate on shifts? of does your organization offer shift differentials?			Yes Yes			☐ Yes ☐ Yes		No No
Cos	t of Bene						-			-
		your organization spend on each of the following compensation in 2009?				Annual Ex	cpen	ditures for 20	009	
a.	Wages &	salaries				\$				
b. c.		e (employer contributions for medical, dental, & vision) nt plans (employer contributions only)				\$ \$				
		Thank you for taking the time Please make any comments or clarifications to sp					. +ha	cnace holes	,	
<u> </u>		riease make any comments or clarifications to sp	eci	nc su	vey	uescions ir	i the	space below	•	
1										