

Hours	Item 12	Item 13	Responses
	1,443,520	\$73,648,416 NA	700,724

TABLE 1

**Exposure Control Plan**

**Hours** = # of Establishments x Time

**Cost** = # Burden Hours x \$47.36 (wage rate of an infection control practitioner)

**Assumptions:**

\* Develop New Plans: Hospitals and Nursing Homes take 16 hours; Medical and dental labs take 8 hours; Physicians, dentists, and residential care take 4 hours

\* Review existing plans: Hospitals take 8 hours to review, all other sectors take 2 hours

	No. of Establishments	Hours per Facility	Burden Hours	No. 12	Responses
Offices of Physicians	225,095 x	2	450,190	\$22,968,694	225,095
Offices of Dentists	134,631 x	2	269,262	\$13,737,747	134,631
Nursing Homes	20,693 x	2	41,385	\$2,111,463	20,693
Hospitals	7,012 x	8	56,096	\$2,862,018	7,012
Medical and Dental Labs	23,489 x	2	46,978	\$2,396,818	23,489
Home Health Care	10,224 x	2	20,447	\$1,043,229	10,224
Hospices	651 x	2	1,302	\$66,428	651
Hemodialysis	391 x	2	782	\$39,898	391
Drug Rehabilitation	744 x	2	1,488	\$75,918	744
Government Clinics	10,893 x	2	21,786	\$1,111,522	10,893
Blood/Plasma/Tissue Centers	1,477 x	2	2,954	\$150,713	1,477
Residential Care	12,869 x	2	25,738	\$1,313,153	12,869
Personnel Services	1,348 x	2	2,696	\$137,550	1,348
Funeral Services	20,807 x	2	41,614	\$2,123,146	20,807
Health Units in Industry	202,540 x	2	405,080	\$20,667,182	202,540
Research Labs	1,453 x	2	2,906	\$148,264	1,453
Linen Services	1,400 x	2	2,800	\$142,856	1,400
Medical Equipment Repair	1,076 x	2	2,152	\$109,795	1,076
Law Enforcement	7,696 x	2	15,392	\$785,300	7,696
Fire and Rescue	5,327 x	2	10,654	\$543,567	5,327
Correctional Facilities	4,438 x	2	8,876	\$452,854	4,438
Lifesaving	100 x	2	200	\$10,204	100
Schools	6,321 x	2	12,642	\$644,995	6,321
Waste Removal	50 x	2	100	\$5,102	50

**Totals**

**700,724**

**1,443,520**

**\$73,648,416**

**700,724**

Hours Item 12 Item 13 Responses  
 269,012 \$13,072,522 NA 323,879  
 Hepatitis B Vaccination (Employee Time)  
 Hours = # of workers x (% non-vaccinated) x employee participation rate x employee time x occupational turnover rate

TABLE 2

Assumptions:

To receive the vaccination and post vaccination is 38 minutes (.63 hour) for categories A and B; 23 minutes (.38 hour) for Categories C and D; only health care workers receive post vaccinations.

For Sectors where a physician, dentist or licensed nurses is not normally on the premises, employee time to receive the vaccination and post vaccination is 115 minutes (1.92 hour) for categories A and B; 100 minutes (1.67 hours) for Categories C and D.

Sector	Category	Sector/Category	Sector/Employment Category	Employees	% Non-Vaccinated	Employee Participation Rate	Employee Time (Hours)	Occupational Turnover Rate	Hours	Wage Rates	#12	Responses
Office of the Physicians		Office of the Physicians	Office of the Physicians									
Office of the I A		Office of the PhysiciansA	Category A	1,284,076 x	57% x	52% x	0.63 x	6.90%	16,545	\$55.72	\$921,887	26,262
Office of the I C		Office of the PhysiciansC	C	9,248 x	67% x	33% x	0.38 x	9.80%	76	\$19.02	\$1,446	200
Office of the I D		Office of the PhysiciansD	D	92,475 x	37% x	65% x	0.38 x	12.90%	1,090	\$25.39	\$27,675	2,868
Office of Dentists		Office of Dentists	Office of Dentists					0.00%				
Office of Deni A		Office of DentistsA	Category A	483,407 x	33% x	75% x	0.63 x	1.60%	1,206	\$55.72	\$67,198	1,914
Office of Deni C		Office of DentistsC	C	4,633 x	80% x	30% x	0.38 x	9.80%	41	\$19.02	\$780	108
Nursing Homes (75% employees on-site)		Nursing Homes (75% employees on-site)	Nursing Homes (75% employees on-site)					0.00%				
Nursing Hom A		Nursing Homes (75% employees on-site)A	Category A	496,395 x	57% x	50% x	0.63 x	24.80%	22,104	\$55.72	\$1,231,635	35,086
Nursing Hom C		Nursing Homes (75% employees on-site)C	C	32,026 x	67% x	50% x	0.38 x	9.80%	400	\$19.02	\$7,608	1,053
Nursing Hom D		Nursing Homes (75% employees on-site)D	D	5,338 x	37% x	50% x	0.38 x	9.80%	37	\$25.39	\$939	97
Nursing Homes (25% employees off-site)		Nursing Homes (25% employees off-site)	Nursing Homes (25% employees off-site)					0.00%				
Nursing Hom A		Nursing Homes (25% employees off-site)A	Category A	165,465 x	57% x	50% x	1.92 x	24.80%	22,455	\$55.72	\$1,251,193	11,695
Nursing Hom C		Nursing Homes (25% employees off-site)C	C	10,675 x	67% x	50% x	1.67 x	9.80%	585	\$19.02	\$11,127	350
Nursing Hom D		Nursing Homes (25% employees off-site)D	D	1,779 x	37% x	50% x	1.67 x	9.80%	54	\$25.39	\$1,371	32
Hospitals		Hospitals	Hospitals					0.00%				
Hospitals A		HospitalsA	Category A	2,399,365 x	54% x	57% x	0.63 x	14.70%	68,395	\$55.72	\$3,810,969	108,563
Hospitals B		HospitalsB	B	205,009 x	54% x	57% x	0.63 x	12.90%	5,128	\$29.36	\$150,558	8,140
Hospitals C		HospitalsC	C	318,903 x	69% x	44% x	0.38 x	9.80%	3,606	\$19.02	\$68,586	9,489
Medical and Dental Labs		Medical and Dental Labs	Medical and Dental Labs					0.00%				
Medical and I A		Medical and Dental LabsA	Category A	276,866 x	58% x	64% x	0.63 x	12.90%	8,352	\$55.72	\$465,373	13,257
Medical and I C		Medical and Dental LabsC	C	2,132 x	88% x	30% x	0.38 x	9.80%	21	\$19.02	\$399	55
Medical and I D		Medical and Dental LabsD	D	240,392 x	100% x	30% x	0.38 x	9.80%	2,686	\$25.39	\$68,198	7,068
Home Health		Home Health	Home Health					0.00%				
Home Health A		Home HealthA	Category A	306,068 x	77% x	38% x	0.63 x	22.30%	12,582	\$55.72	\$701,069	19,971
Home Health C		Home HealthC	C	4,524 x	100% x	30% x	0.38 x	9.80%	51	\$19.02	\$970	134
Home Health D		Home HealthD	D	9,501 x	88% x	82% x	0.38 x	22.50%	586	\$25.39	\$14,879	1,542
Hospices		Hospices	Hospices					0.00%				
Hospices A		HospicesA	Category A	10,565 x	77% x	46% x	0.63 x	22.50%	530	\$55.72	\$29,532	841
Hospices C		HospicesC	C	154 x	37% x	50% x	0.38 x	9.80%	1	\$19.02	\$19	3
Hospices D		HospicesD	D	27 x	100% x	30% x	0.38 x	22.50%	1	\$25.39	\$25	3
Hemodialysis		Hemodialysis	Hemodialysis					0.00%				
Hemodialysis A		HemodialysisA	Category A	4,964 x	33% x	77% x	0.63 x	15.40%	122	\$55.72	\$6,798	194
Hemodialysis C		HemodialysisC	C	87 x	69% x	54% x	0.38 x	22.50%	3	\$19.02	\$57	8
Hemodialysis D		HemodialysisD	D	230 x	48% x	60% x	0.38 x	12.90%	3	\$25.39	\$76	8
Drug Rehabilitation		Drug Rehabilitation	Drug Rehabilitation					0.00%				
Drug Rehabil A		Drug RehabilitationA	Category A	6,067 x	49% x	56% x	0.63 x	15.40%	162	\$55.72	\$9,027	257
Drug Rehabil C		Drug RehabilitationC	C	149 x	35% x	100% x	0.38 x	22.50%	4	\$19.02	\$76	11
Drug Rehabil D		Drug RehabilitationD	D	506 x	100% x	30% x	0.38 x	12.90%	7	\$25.39	\$178	18
Government Clinics		Government Clinics	Government Clinics					0.00%				
Government i A		Government ClinicsA	Category A	52,156 x	57% x	52% x	0.63 x	13.50%	1,315	\$55.72	\$73,272	2,087
Government i C		Government ClinicsC	C	381 x	67% x	33% x	0.38 x	9.80%	3	\$19.02	\$57	8
Government i D		Government ClinicsD	D	3,808 x	37% x	65% x	0.38 x	12.90%	45	\$25.39	\$1,143	118
Blood/Plasma/Tissue Centers		Blood/Plasma/Tissue Centers	Blood/Plasma/Tissue Centers					0.00%				
Blood/Plasma A		Blood/Plasma/Tissue CentersA	Category A	36,820 x	60% x	42% x	0.63 x	12.90%	754	\$55.72	\$42,013	1,197
Blood/Plasma C		Blood/Plasma/Tissue CentersC	C	405 x	80% x	30% x	0.38 x	9.80%	4	\$19.02	\$76	11
Blood/Plasma D		Blood/Plasma/Tissue CentersD	D	789 x	51% x	44% x	0.38 x	22.50%	15	\$25.39	\$381	39
Residential Care (75% employees on-site)		Residential Care (75% employees on-site)	Residential Care (75% employees on-site)					0.00%				
Residential C A		Residential Care (75% employees on-site)A	Category A	53,569 x	73% x	50% x	0.63 x	24.30%	2,993	\$55.72	\$166,770	4,751
Residential C C		Residential Care (75% employees on-site)C	C	1,479 x	100% x	50% x	0.38 x	9.80%	28	\$19.02	\$533	74
Residential C D		Residential Care (75% employees on-site)D	D	8,778 x	42% x	50% x	0.38 x	9.80%	69	\$25.39	\$1,752	182
Residential Care (25% employees off-site)		Residential Care (25% employees off-site)	Residential Care (25% employees off-site)					0.00%				
Residential C A		Residential Care (25% employees off-site)A	Category A	17,856 x	73% x	50% x	1.92 x	24.30%	3,041	\$55.72	\$169,445	1,584
Residential C C		Residential Care (25% employees off-site)C	C	493 x	100% x	50% x	1.67 x	9.80%	40	\$19.02	\$761	24
Residential C D		Residential Care (25% employees off-site)D	D	2,926 x	42% x	50% x	1.67 x	9.80%	101	\$25.39	\$2,564	60
Personal Services		Personal Services	Personal Services					0.00%				
Personnel Se A		Personnel ServicesA	Category A	61,387 x	88% x	30% x	1.92 x	8.70%	2,707	\$55.72	\$150,834	1,410
Personnel Se D		Personnel ServicesD	D	102,090 x	100% x	30% x	1.67 x	9.80%	5,012	\$25.39	\$127,255	3,001
Funeral Services		Funeral Services	Funeral Services					0.00%				
Funeral Servi A		Funeral ServicesA	Category A	53,408 x	65% x	49% x	1.92 x	12.90%	4,213	\$55.72	\$234,748	2,194
Funeral Servi C		Funeral ServicesC	C	2,846 x	100% x	50% x	1.67 x	9.80%	232	\$19.02	\$4,432	140
Funeral Servi D		Funeral ServicesD	D	3,387 x	100% x	30% x	1.67 x	9.80%	166	\$25.39	\$4,215	99
Health Units in Industry		Health Units in Industry	Health Units in Industry					0.00%				
Health Units i A		Health Units in IndustryA	Category A	34,184 x	70% x	43% x	1.92 x	19.50%	3,852	\$55.72	\$214,633	2,006



Hours                                      Item 12                                      Item 13                                      Responses  
123,832                                      \$6,317,908                                      \$11,382,628                                      267,020

Hepatitis B Vaccination (Health Care Professional Time)

Table 3

Hours = # of workers x (non-vaccination rate) x employee participation rate x health care professional time x occupational turnover rate

Cost = # of workers x (Non-vaccination rate) x employee participation rate x cost of vaccination x occupational turnover rate

Assumptions:

15 minutes (.25) hour for licensed health care professional to provide hepatitis b vaccination and (.50 for vaccine and post vaccination screening

30 minutes (.50) hour for licensed health care professional to provide vaccination and post-vaccination screening)

Cost of Hepatitis B vaccine is 128, and the cost of the titer is \$90; for vaccination and post-vaccination total is \$218

Wage Rate for Health Care Professional is \$47.36

Sector/Category	Sector/Employment Category	Employees	Non-Vaccination Rate	Employee Participation Rate	Healthcare Professional Time	Occupational Turnover Rate	Burden Hours	No. 12	No. 13	Responses
Office of the PhysiciansA	Office of the Physicians Category A	1,284,076	57%	52%	0.5 x	6.90%	13,131	\$669,944		26,262
Office of the PhysiciansC	C	9,248	67%	33%	0.25 x	9.80%	50	\$2,551		200
Office of the PhysiciansD	D	92,475	37%	65%	0.25 x	12.90%	717	\$36,581		2,868
Office of Dentists	Office of Dentists					0.00%				
Office of DentistsA	Category A	483,407	33%	75%	0.5 x	1.60%	957	\$48,826		1,914
Office of DentistsC	C	4,633	80%	30%	0.25 x	9.80%	27	\$1,378		108
Nursing Homes (75% employees on-site)	Nursing Homes (75% employees on-site)					0.00%				
Nursing Homes (75% employees on-site)A	Category A	496,395	57%	50%	0.5 x	24.80%	17,543	\$895,044		35,086
Nursing Homes (75% employees on-site)C	C	32,026	67%	50%	0.25 x	9.80%	263	\$13,418		1,052
Nursing Homes (75% employees on-site)D	D	5,338	37%	50%	0.25 x	9.80%	24	\$1,224		96
Nursing Homes (25% employees off-site)	Nursing Homes (25% employees off-site)					0.00%				
Nursing Homes (25% employees off-site)A	Category A	165,465	57%	50%	\$218 x	24.80%			\$2,549,524	
Nursing Homes (25% employees off-site)C	C	10,675	67%	50%	\$128 x	9.80%			\$44,859	
Nursing Homes (25% employees off-site)D	D	1,779	37%	50%	\$128 x	9.80%			\$4,128	
Hospitals	Hospitals					0.00%				
HospitalsA	Category A	2,399,365	54%	57%	0.5 x	14.70%	54,282	\$2,769,468		108,564
HospitalsB	B	205,009	54%	57%	0.5 x	12.90%	4,070	\$207,651		8,140
HospitalsC	C	318,903	69%	44%	0.25 x	9.80%	2,372	\$121,019		9,488
Medical and Dental Labs	Medical and Dental Labs					0.00%				
Medical and Dental LabsA	Category A	276,866	58%	64%	0.5 x	12.90%	6,629	\$338,212		13,258
Medical and Dental LabsC	C	2,132	88%	30%	0.25 x	9.80%	14	\$714		56
Medical and Dental LabsD	D	240,392	100%	30%	0.25 x	9.80%	1,767	\$90,152		7,068
Home Health	Home Health					0.00%				
Home HealthA	Category A	306,068	77%	38%	0.5 x	22.30%	9,985	\$509,435		19,970
Home HealthC	C	4,524	100%	30%	0.25 x	9.80%	33	\$1,684		132
Home HealthD	D	9,501	88%	82%	0.25 x	22.50%	386	\$19,694		1,544
Hospices	Hospices					0.00%				
HospicesA	Category A	10,565	77%	46%	0.5 x	22.50%	421	\$21,479		842
HospicesC	C	154	37%	50%	0.25 x	9.80%	1	\$51		4
HospicesD	D	27	100%	30%	0.25 x	22.50%	0	\$0		0
Hemodialysis	Hemodialysis					0.00%				
HemodialysisA	Category A	4,964	33%	77%	0.5 x	15.40%	97	\$4,949		194
HemodialysisC	C	87	69%	54%	0.25 x	22.50%	2	\$102		8
HemodialysisD	D	230	48%	60%	0.25 x	12.90%	2	\$102		8
Drug Rehabilitation	Drug Rehabilitation					0.00%				
Drug RehabilitationA	Category A	6,067	49%	56%	0.5 x	15.40%	128	\$6,531		256
Drug RehabilitationC	C	149	35%	100%	0.25 x	22.50%	3	\$153		12
Drug RehabilitationD	D	506	100%	30%	0.25 x	12.90%	5	\$255		20
Government Clinics	Government Clinics					0.00%				
Government ClinicsA	Category A	52,156	57%	52%	0.5 x	13.50%	1,043	\$53,214		2,086
Government ClinicsC	C	381	67%	33%	0.25 x	9.80%	2	\$102		8
Government ClinicsD	D	3,808	37%	65%	0.25 x	12.90%	30	\$1,531		120
Blood/Plasma/Tissue Centers	Blood/Plasma/Tissue Centers					0.00%				
Blood/Plasma/Tissue CentersA	Category A	36,820	60%	42%	0.5 x	12.90%	598	\$30,510		1,196
Blood/Plasma/Tissue CentersC	C	405	80%	30%	0.25 x	9.80%	2	\$102		8
Blood/Plasma/Tissue CentersD	D	789	51%	44%	0.25 x	22.50%	10	\$510		40
Residential Care (75% employees on-site)	Residential Care (75% employees on-site)					0.00%				
Residential Care (75% employees on-site)A	Category A	53,569	73%	50%	0.25 x	24.30%	1,188	\$60,612		4,752
Residential Care (75% employees on-site)C	C	1,479	100%	50%	0.25 x	9.80%	18	\$918		72
Residential Care (75% employees on-site)D	D	8,778	42%	50%	0.25 x	9.80%	45	\$2,296		180
Residential Care (25% employees off-site)	Residential Care (25% employees off-site)					0.00%				
Residential Care (25% employees off-site)A	Category A	17,856	73%	50%	\$218 x	24.30%			\$345,255	
Residential Care (25% employees off-site)C	C	493	100%	50%	\$128 x	9.80%			\$3,092	
Residential Care (25% employees off-site)D	D	2,926	42%	50%	\$128 x	9.80%			\$7,708	
Personnel Services	Personnel Services					0.00%				
Personnel ServicesA	Category A	61,387	88%	30%	\$218 x	8.70%			\$307,366	
Personnel ServicesD	D	102,090	100%	30%	\$128 x	9.80%			\$384,185	
Funeral Services	Funeral Services					0.00%				
Funeral ServicesA	Category A	53,408	65%	49%	\$218 x	12.90%			\$478,366	
Funeral ServicesC	C	2,846	100%	50%	\$128 x	9.80%			\$17,853	
Funeral ServicesD	D	3,387	100%	30%	\$128 x	9.80%			\$12,747	
Health Units in Industry	Health Units in Industry					0.00%				
Health Units in IndustryA	Category A	34,184	70%	43%	\$218 x	19.50%			\$437,402	
Health Units in IndustryB	B	141,051	83%	30%	\$128 x	9.80%			\$440,567	
Health Units in IndustryD	D	3,497	30%	30%	\$128 x	12.90%			\$5,197	
Research Labs	Research Labs					0.00%				
Research LabsA	Category A	87,484	54%	65%	\$218 x	12.90%			\$863,539	









Hours	Item 12	Item 13	Responses
	11,402	\$616,494 NA	53,119

HBV Antibody Testing for Vaccinated Workers (Employee Time)

Hours = Number of exposures x % vaccinated x employee time x 10% x (1 - compliance rate)

Assumptions:

percent vaccinated = prior vaccination rate + employee participation reate x (1 - prior vaccination rate).

This assumes that no previously non-vaccinated worker has offered and declined the free vaccination.

Employee time is equivalent to 1/3 time required for HBV vaccination.

10% of vaccinated employees will receive tests.

**Table 5**

Sector	Exposures	% Vaccinated	Employee Time	Share of Vaccinated Employees Receiving Tests	One	Compliance Rate	Wage Rates	Burden Hours	Number 12	Responses
Office of the Physicians										
Category A	179,493 x	73% x	0.128 x	0.1 x (	1 -	27% ) =	\$55.72	1,224	\$68,201	9,563
C	0 x	55% x	0.128 x	0.1 x (	1 -	27% ) =	\$19.02	0	\$0	0
D	0 x	87% x	0.128 x	0.1 x (	1 -	27% ) =	\$25.39	0	\$0	0
Office of Dentists										
Category A	279,485 x	92% x	0.128 x	0.1 x (	1 -	19% ) =	\$55.72	2,666	\$148,550	20,828
C	43,075 x	44% x	0.128 x	0.1 x (	1 -	19% ) =	\$19.02	197	\$3,747	1,539
Nursing Homes										
Category A	35,746 x	38% x	0.128 x	0.1 x (	1 -	31% ) =	\$55.72	120	\$6,686	938
C	5,002 x	31% x	0.128 x	0.1 x (	1 -	31% ) =	\$19.02	14	\$266	109
D	4,636 x	30% x	0.128 x	0.1 x (	1 -	31% ) =	\$25.39	12	\$305	94
Hospitals										
Category A	254,449 x	77% x	0.128 x	0.1 x (	1 -	76% ) =	\$55.72	602	\$33,543	4,703
B	34,579 x	77% x	0.128 x	0.1 x (	1 -	76% ) =	\$29.36	82	\$2,408	641
C	30,799 x	62% x	0.128 x	0.1 x (	1 -	76% ) =	\$19.02	59	\$1,122	461
Medical and Dental Labs										
Category A	5,177 x	79% x	0.128 x	0.1 x (	1 -	86% ) =	\$55.72	7	\$390	55
C	0 x	38% x	0.128 x	0.1 x (	1 -	86% ) =	\$19.02	0	\$0	0
D	487 x	30% x	0.128 x	0.1 x (	1 -	86% ) =	\$25.39	0	\$0	0
Home Health										
Category A	6,244 x	52% x	0.128 x	0.1 x (	1 -	67% ) =	\$55.72	14	\$780	109
C	0 x	30% x	0.128 x	0.1 x (	1 -	67% ) =	\$19.02	0	\$0	0
D	2,575 x	84% x	0.128 x	0.1 x (	1 -	67% ) =	\$25.39	9	\$229	70
Hospices										
Category A	684 x	58% x	0.128 x	0.1 x (	1 -	60% ) =	\$55.72	2	\$111	16
C	0 x	82% x	0.128 x	0.1 x (	1 -	60% ) =	\$19.02	0	\$0	0
D	215 x	30% x	0.128 x	0.1 x (	1 -	60% ) =	\$25.39	0	\$0	0
Hemodialysis										
Category A	4,684 x	92% x	0.128 x	0.1 x (	1 -	93% ) =	\$55.72	4	\$223	31
C	477 x	68% x	0.128 x	0.1 x (	1 -	93% ) =	\$19.02	0	\$0	0
D	141 x	81% x	0.128 x	0.1 x (	1 -	93% ) =	\$25.39	0	\$0	0

Drug Rehabilitation

Category A	283 x	78% x	0.128 x	0.1 x (	1 -	77% ) =	\$55.72	1	\$56	8
C	0 x	100% x	0.128 x	0.1 x (	1 -	77% ) =	\$19.02	0	\$0	0
D	0 x	30% x	0.128 x	0.1 x (	1 -	77% ) =	\$25.39	0	\$0	0

Government Clinics

Category A	16,013 x	73% x	0.128 x	0.1 x (	1 -	27% ) =	\$55.72	109	\$6,073	852
C	0 x	55% x	0.128 x	0.1 x (	1 -	27% ) =	\$19.02	0	\$0	0
D	0 x	87% x	0.128 x	0.1 x (	1 -	27% ) =	\$25.39	0	\$0	0

Blood/Plasma/Tissue Centers

Category A	6,453 x	65% x	0.128 x	0.1 x (	1 -	66% ) =	\$55.72	18	\$1,003	141
C	139 x	44% x	0.128 x	0.1 x (	1 -	66% ) =	\$19.02	0	\$0	0
D	197 x	71% x	0.128 x	0.1 x (	1 -	66% ) =	\$25.39	1	\$25	8

Residential Care

Category A	4,850 x	64% x	0.128 x	0.1 x (	1 -	39% ) =	\$55.72	24	\$1,337	188
C	388 x	30% x	0.128 x	0.1 x (	1 -	39% ) =	\$19.02	1	\$19	8
D	2,571 x	73% x	0.128 x	0.1 x (	1 -	39% ) =	\$25.39	15	\$381	117

Personnel Services

Category A	2,993 x	38% x	0.5 x	0.1 x (	1 -	83% ) =	\$55.72	10	\$557	20
D	0 x	30% x	0.5 x	0.1 x (	1 -	0% ) =	\$25.39	0	\$0	0

Funeral Services

Category A	11,735 x	67% x	0.5 x	0.1 x (	1 -	31% ) =	\$55.72	271	\$15,100	542
C	0 x	30% x	0.5 x	0.1 x (	1 -	31% ) =	\$19.02	0	\$0	0
D	0 x	64% x	0.5 x	0.1 x (	1 -	31% ) =	\$25.39	0	\$0	0

Health Units in Industry

Category A	186,835 x	60% x	0.5 x	0.1 x (	1 -	2% ) =	\$55.72	5,493	\$306,070	10,986
B	0 x	42% x	0.5 x	0.1 x (	1 -	2% ) =	\$29.36	0	\$0	0
D	0 x	30% x	0.5 x	0.1 x (	1 -	2% ) =	\$25.39	0	\$0	0

Research Labs

Category A	494 x	81% x	0.5 x	0.1 x (	1 -	70% ) =	\$55.72	6	\$334	12
C	0 x	45% x	0.5 x	0.1 x (	1 -	70% ) =	\$19.02	0	\$0	0
D	0 x	81% x	0.5 x	0.1 x (	1 -	70% ) =	\$25.39	0	\$0	0

Linen Service

D	3,000 x	30% x	0.5 x	0.1 x (	1 -	90% ) =	\$25.39	5	\$127	10
---	---------	-------	-------	---------	-----	---------	---------	---	-------	----

Medical Equipment Repair

Category A	0 x	41% x	0.5 x	0.1 x (	1 -	26% ) =	\$55.72	0	\$0	0
B	0 x	37% x	0.5 x	0.1 x (	1 -	26% ) =	\$29.36	0	\$0	0
C	161 x	36% x	0.5 x	0.1 x (	1 -	26% ) =	\$19.02	2	\$38	4
D	2,464 x	30% x	0.5 x	0.1 x (	1 -	26% ) =	\$25.39	27	\$686	54

Law Enforcement

Category A	18,993 x	42% x	0.128 x	0.1 x (	1 -	96% ) =	\$55.72	4	\$223	31
B	2,770 x	92% x	0.128 x	0.1 x (	1 -	96% ) =	\$29.36	1	\$29	8
C	1,444 x	31% x	0.128 x	0.1 x (	1 -	96% ) =	\$19.02	0	\$0	0
D	4,204 x	46% x	0.128 x	0.1 x (	1 -	96% ) =	\$25.39	1	\$25	8

Fire and Rescue										
Category A	10,411 x	89% x	0.5 x	0.1 x (	1 -	71% ) =	\$55.72	134	\$7,466	268
B	857 x	86% x	0.5 x	0.1 x (	1 -	71% ) =	\$29.36	11	\$323	22
D	2,158 x	92% x	0.5 x	0.1 x (	1 -	71% ) =	\$25.39	29	\$736	58
Correctional Facilities										
Category A	3,034 x	54% x	0.128 x	0.1 x (	1 -	39% ) =	\$55.72	13	\$724	102
B	1,887 x	32% x	0.128 x	0.1 x (	1 -	39% ) =	\$29.36	5	\$147	39
C	459 x	30% x	0.128 x	0.1 x (	1 -	39% ) =	\$19.02	1	\$19	8
D	3,793 x	31% x	0.128 x	0.1 x (	1 -	39% ) =	\$25.39	9	\$229	70
Lifesaving										
Category A	457 x	76% x	0.5 x	0.1 x (	1 -	50% ) =	\$55.72	9	\$501	18
Schools										
Category A	6,321 x	30% x	0.5 x	0.1 x (	1 -	0% ) =	\$55.72	95	\$5,293	190
D	6,321 x	30% x	0.5 x	0.1 x (	1 -	0% ) =	\$25.39	95	\$2,412	190
Waste Removal										
Category A	50 x	30% x	0.5 x	0.1 x (	1 -	50% ) =	\$55.72	0	\$0	0
<b>Total</b>								<b>11,402</b>	<b>\$616,494</b>	<b>53,119</b>

Hours  
 Item 12 Item 13 Responses  
 3,387 \$172,804 \$371,183 40,804

HBV Antibody Testing for Vaccinated Workers (Health Care Professional Time):  
 Hours = # exposures x % vaccinated x health care professional time x 10% x (1- compliance rate)  
 Cost = # exposures x % vaccinated x cost of HBV antibody test x 10% x (1-compliance rate)

Assumptions:

- \* percent of vaccinated = prior vaccination rate + employee participation rate x (1 - prior vaccination rate).
- This assumes that no previously non-vaccinated worker was offered and declined free vaccination.
- \* Health care professional time is equivalent to 1/3 time required to administer the HBV vaccine.
- \* Cost of HBV antibody test = \$30
- \* Employee participation rate is estimated to be 10%

Table 6

	Exposures	% Vaccinated	Health Care Professional Time	Employee Participation rate	One Minus % Not Vaccinated	% Vaccinated	Hours	Item 12 Cost	#13 Cost	RESPONSES
<b>Office of Physicians</b>										
Category A	179,493 x	73% x	0.083 x	0.1 x	(1 - 27%)	73%	794	\$40,510		9,566
C	0 x	55% x	0.083 x	0.1 x	(1 - 27%)	73%	0	\$0		0
D	0 x	87% x	0.083 x	0.1 x	(1 - 27%)	73%	0	\$0		0
<b>Office Of Dentists</b>										
A	279,485 x	92% x	0.083 x	0.1 x	(1 - 19%)	81%	1729	\$88,214		20,831
C	43,075 x	44% x	0.083 x	0.1 x	(1 - 19%)	81%	127	\$6,480		1,530
<b>Nursing Homes</b>										
Category A	35,746 x	38% x	0.083 x	0.1 x	(1 - 31%)	69%	78	\$3,980		940
C	5,002 x	31% x	0.083 x	0.1 x	(1 - 31%)	69%	9	\$459		108
D	4,636 x	30% x	0.083 x	0.1 x	(1 - 31%)	69%	8	\$408		96
<b>Hospitals</b>										
Category A	254,449 x	77% x	0.083 x	0.1 x	(1 - 76%)	24%	390	\$19,898		4,699
B	34,579 x	77% x	0.083 x	0.1 x	(1 - 76%)	24%	53	\$2,704		639
C	30,799 x	62% x	0.083 x	0.1 x	(1 - 76%)	24%	38	\$1,939		458
<b>Medical and Dental Labs</b>										
Category A	5,177 x	79% x	0.083 x	0.1 x	(1 - 86%)	14%	5	\$255		60
B	0 x	38% x	0.083 x	0.1 x	(1 - 86%)	14%	0	\$0		0
C	487 x	30% x	0.083 x	0.1 x	(1 - 86%)	14%	0	\$0		0
<b>Home Health</b>										
Category A	6,244 x	52% x	0.083 x	0.1 x	(1 - 67%)	33%	9	\$459		108
C	0 x	30% x	0.083 x	0.1 x	(1 - 67%)	33%	0	\$0		0
D	2,575 x	84% x	0.083 x	0.1 x	(1 - 67%)	33%	6	\$306		72
<b>Hospices</b>										
Category A	684 x	58% x	0.083 x	0.1 x	(1 - 60%)	40%	1	\$51		12
C	0	82% x	0.083 x	0.1 x	(1 - 60%)	40%	0	\$0		0
D	215	30%	0.083 x	0.1 x	(1 - 60%)	40%	0	\$0		0
<b>Hemodialysis</b>										
Category A	4,684	92%	0.083 x	0.1 x	(1 - 93%)	7%	3	\$153		36
C	477	58%	0.083 x	0.1 x	(1 - 93%)	7%	0	\$0		0
D	141	81%	0.083 x	0.1 x	(1 - 93%)	7%	0	\$0		0
<b>Drug Rehabilitation</b>										
Category A	283	78%	0.083 x	0.1 x	(1 - 77%)	23%	0	\$0		0
C	0	100%	0.083 x	0.1 x	(1 - 77%)	23%	0	\$0		0
D	0	30%	0.083 x	0.1 x	(1 - 77%)	23%	0	\$0		0
<b>Government Clinics</b>										
Category A	16,013	73% x	0.083 x	0.1 x	(1 - 27%)	73%	71	\$3,622		855
C	0	55% x	0.083 x	0.1 x	(1 - 27%)	73%	0	\$0		0
D	0	87% x	0.083 x	0.1 x	(1 - 27%)	73%	0	\$0		0
<b>Blood/Plasma/Tissue Centers</b>										
Category A	6,453 x	65% x	0.083 x	0.1 x	(1 - 66%)	34%	12	\$612		145
C	139 x	44% x	0.083 x	0.1 x	(1 - 66%)	34%	0	\$0		0
D	197 x	51% x	0.083 x	0.1 x	(1 - 66%)	34%	0	\$0		0
<b>Residential Care</b>										
Category A	4,850 x	64% x	0.083 x	0.1 x	(1 - 39%)	61%	16	\$816		193
C	388 x	30% x	0.083 x	0.1 x	(1 - 39%)	61%	1	\$51		12
D	2,571 x	73% x	0.083 x	0.1 x	(1 - 39%)	61%	10	\$510		120





Category A	18,993	1 -	42%	0.128	50%	0.42% +	50%	5%	1 -	96%	55.72	2	\$111	16
B	2,770	1 -	92%	0.128	50%	0.42% +	50%	5%	1 -	96%	29.36	0	\$0	0
C	1,444	1 -	31%	0.128	50%	0.42% +	50%	5%	1 -	96%	19.02	0	\$0	0
D	4,204	1 -	46%	0.128	50%	0.42% +	50%	5%	1 -	96%	25.39	0	\$0	0
Fire and Rescue														
Category A	10,411	1 -	89%	0.500	50%	0.42% +	50%	5%	1 -	71%	55.72	5	\$279	10
B	857	1 -	86%	0.500	50%	0.42% +	50%	5%	1 -	71%	29.36	0	\$0	0
D	2,158	1 -	92%	0.500	50%	0.42% +	50%	5%	1 -	71%	25.39	1	\$25	2
Correctional Facilities														
Category A	3,034	1 -	54%	0.128	50%	0.42% +	50%	5%	1 -	39%	55.72	3	\$167	23
B	1,887	1 -	32%	0.128	50%	0.42% +	50%	5%	1 -	39%	29.36	3	\$88	23
C	459	1 -	30%	0.128	50%	0.42% +	50%	5%	1 -	39%	19.02	1	\$19	8
D	3,793	1 -	31%	0.128	50%	0.42% +	50%	5%	1 -	39%	25.39	6	\$152	47
Lifesaving														
Category A	457	1 -	78%	0.500	50%	0.42% +	50%	5%	1 -	50%	55.72	1	\$56	2
Schools														
Category A	6,321	1 -	30%	0.500	50%	0.42% +	50%	5%	1 -	0%	55.72	60	\$3,343	120
D	6,321	1 -	30%	0.500	50%	0.42% +	50%	5%	1 -	0%	25.39	60	\$1,523	120
Waste Removal														
Category A	50	1 -	30%	0.500	50%	0.42% +	50%	5%	1 -	50%	55.72	0	\$0	0
	1,189,683											1,617	\$83,592	5,775

Hours Item 12 Item 13 Responses  
 281 \$14,337 \$70,858 3,384

Table 8

HBV Antibody Testing for Non-Vaccinated Workers (Health Care Professional Time)

Hours = # exposures x (1 - % vaccinated) x health care professional time x (source acceptance rate x RSS + % sources refusing test x % exposures attributable to high risk group) x (1 - compliance rate)  
 Cost - # exposures x (1 - % vaccinated) x cost of HBV antibody test x (source acceptance rate x RSS + % sources refusing test x % exposures attributable to high risk group) x (1 - compliance rate)

Assumptions

- \* percent vaccinated = prior vaccination rate + employee participation rate x (1 - prior vaccination rate. This assumes that no previously non-vaccinated worker was offered and declined free vaccination
- \* Health care professional time is equivalent to 1/3 of the time required to administer the HBV vaccination
- \* 50% of sources will agree to be tested, 50% of sources will refuse to be tested
- \* For exposures where the source agrees to be tested, the estimated percent of exposures in which the non-vaccinated employee would agree to be tested, is equivalent to the RSS, since employees would most likely only be tested if the source was found to be positive.

\* 5% of exposures are attributable to a member of a high risk group.  
 \* Cost of HBV antibody test = \$30.

\* For cases where the source refuses to be tested, non-vaccinated workers will agree to be tested for the 5% of the exposures that are attributable to a member of a high risk group.

	Hours	Cost 12	Cost Item 13	Responses
<b>Office of the Physicians</b>				
Category A	179,493	(1 - 73%)	27% x 0.083 x (	50% x 0.42% +
C	0	(1 - 55%)	45% x 0.083 x (	50% x 0.42% +
D	0	(1 - 87%)	13% x 0.083 x (	50% x 0.42% +
<b>Office of Dentists</b>				
Category A	279,485	(1 - 92%)	8% x 0.083 x (	50% x 0.42% +
C	43,075	(1 - 44%)	56% x 0.083 x (	50% x 0.42% +
<b>Nursing Homes</b>				
Category A	35,746	(1 - 38%)	62% x 0.083 x (	50% x 0.42% +
C	5,002	(1 - 31%)	69% x 0.083 x (	50% x 0.42% +
D	4,636	(1 - 30%)	70% x 0.083 x (	50% x 0.42% +
<b>Hospitals</b>				
Category A	254,449	(1 - 77%)	23% x 0.083 x (	50% x 1.25% +
B	34,579	(1 - 77%)	23% x 0.083 x (	50% x 1.25% +
C	30,799	(1 - 62%)	38% x 0.083 x (	50% x 1.25% +
<b>Medical and Dental Labs</b>				
Category A	5,177	(1 - 79%)	21% x 0.083 x (	50% x 0.42% +
C	0	(1 - 38%)	62% x 0.083 x (	50% x 0.42% +
D	487	(1 - 30%)	70% x 0.083 x (	50% x 0.42% +
<b>Home Health Care</b>				
Category A	6,244	(1 - 52%)	48% x 0.083 x (	50% x 0.42% +
C	0	(1 - 30%)	70% x 0.083 x (	50% x 0.42% +
D	2,575	(1 - 84%)	16% x 0.083 x (	50% x 0.42% +
<b>Hospices</b>				
Category A	684	(1 - 58%)	42% x 0.083 x (	50% x 0.42% +
C	0	(1 - 82%)	18% x 0.083 x (	50% x 0.42% +
D	215	(1 - 30%)	70% x 0.083 x (	50% x 0.42% +
<b>Hemodialysis</b>				
Category A	4,684	(1 - 92%)	8% x 0.083 x (	50% x 0.42% +
C	477	(1 - 58%)	42% x 0.083 x (	50% x 0.42% +
D	141	(1 - 81%)	19% x 0.083 x (	50% x 0.42% +
<b>Drug Rehabilitation</b>				
Category A	283	(1 - 78%)	22% x 0.083 x (	50% x 0.42% +
C	0	(1 - 30%)	70% x 0.083 x (	50% x 0.42% +
D	0	(1 - 30%)	70% x 0.083 x (	50% x 0.42% +
<b>Government Clinics</b>				
Category A	16,013	(1 - 73%)	27% x 0.083 x (	50% x 0.42% +
C	0	(1 - 55%)	45% x 0.083 x (	50% x 0.42% +
D	0	(1 - 87%)	13% x 0.083 x (	50% x 0.42% +
<b>Blood/Plasma/Tissue Centers</b>				
Category A	6,453	(1 - 65%)	35% x 0.083 x (	50% x 0.10% +
C	139	(1 - 44%)	56% x 0.083 x (	50% x 0.10% +
D	197	(1 - 51%)	49% x 0.083 x (	50% x 0.10% +
<b>Residential Care</b>				
Category A	4,850	(1 - 64%)	36% x 0.083 x (	50% x 0.42% +
C	388	(1 - 30%)	70% x 0.083 x (	50% x 0.42% +
D	2,571	(1 - 73%)	27% x 0.083 x (	50% x 0.42% +
<b>Personnel Services</b>				
Category A	2,993	(1 - 38%)	62% x \$30.00 x (	50% x 0.42% +
D	0.00	(1 - 30%)	70% x \$30.00 x (	50% x 0.42% +
<b>Funeral Services</b>				
Category A	11,735	(1 - 67%)	33% x \$30.00 x (	50% x 0.42% +
C	0.00	(1 - 30%)	70% x \$30.00 x (	50% x 0.42% +
D	0.00	(1 - 64%)	36% x \$30.00 x (	50% x 0.42% +
<b>Health Units in Industry</b>				
Category A	186,835	(1 - 60%)	40% x \$30.00 x (	50% x 0.42% +
B	0.00	(1 - 42%)	58% x \$30.00 x (	50% x 0.42% +
D	0.00	(1 - 30%)	70% x \$30.00 x (	50% x 0.42% +
<b>Research Labs</b>				
Category A	494	(1 - 81%)	19% x \$30.00 x (	50% x 0.42% +
C	0.00	(1 - 45%)	55% x \$30.00 x (	50% x 0.42% +





Hours  
 Hepatitis B Immune Globulin (HBIG): Vaccinated Employees (Employee Time)  
 Hours = # exposures x % vaccinated x 10% x 4% x employee time x (source participation rate x (RSS)  
 + (% of source refusing test \* 5%) x (1-compliance rate)

Assumptions:  
 \*HBIG will be considered whenever a source is tested and found to be positive and whenever a high risk source refuses to be tested.  
 \*HBIG will be offered only to those vaccinated employees who are found to be non-responders.  
 \*4% of employees will be non-responders and 10% of these workers will request tests.  
 \*Employee time is equivalent to 1/3 time required to receive the HBV vaccination.  
 \*Source will agree to be tested in 50% of exposure incidents.

Table 9

														Hours	Costs	Itel Responses
Office of Physicians																
Category A	179,493 x	73% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-25%)	75%		1.36	\$50.00	11.00
C	0 x	55% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-25%)	75%		0.00	\$0.00	0.00
D	0 x	87% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-25%)	75%		0.00	\$0.00	0.00
Office of Dentists																
Category A	279,485 x	92% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-11%)	89%		3.18	\$117.00	25.00
C	43,075 x	44% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-11%)	89%		0.23	\$8.00	2.00
Nursing Homes																
Category A	35,746 x	38% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-35%)	65%		0.12	\$4.00	1.00
C	5,002 x	31% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-35%)	65%		0.01	\$0.00	0.00
D	4,636 x	30% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-35%)	65%		0.01	\$0.00	0.00
Hospitals																
Category A	254,449 x	77% x	10% x	4% x	0.128 x (	50% x	1.25% +	50% x		5%	(1-74%)	16%		0.50	\$18.00	4.00
B	34,579 x	77% x	10% x	4% x	0.128 x (	50% x	1.25% +	50% x		5%	(1-74%)	16%		0.07	\$3.00	1.00
C	30,799 x	62% x	10% x	4% x	0.128 x (	50% x	1.25% +	50% x		5%	(1-74%)	16%		0.05	\$2.00	0.00
Medical and Dental Labs																
Category A	5,177 x	79% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-38%)	62%		0.04	\$1.00	0.00
C	0 x	38% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-38%)	62%		0.00	\$0.00	0.00
D	487 x	30% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-38%)	62%		0.00	\$0.00	0.00
Home Health																
Category A	6,244 x	52% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-61%)	39%		0.02	\$1.00	0.00
C	0 x	30% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-61%)	39%		0.00	\$0.00	0.00
D	2,575 x	84% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-61%)	39%		0.01	\$0.00	0.00
Hospices																
Category A	684 x	58% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-39%)	61%		0.00	\$0.00	0.00
C	0 x	82% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-39%)	61%		0.00	\$0.00	0.00
D	215 x	30% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-39%)	61%		0.00	\$0.00	0.00
Hemodialysis																
Category A	4684 x	92% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-72%)	28%		0.02	\$1.00	0.00
C	477 x	68% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-72%)	28%		0.00	\$0.00	0.00
D	141 x	81% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-72%)	28%		0.00	\$0.00	0.00
Drug Rehabilitation																
Category A	283 x	78% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-30%)	70%		0.00	\$0.00	0.00
C	0 x	100% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-30%)	70%		0.00	\$0.00	0.00
D	0 x	30% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-30%)	70%		0.00	\$0.00	0.00
Government Clinics																
Category A	16013 x	73% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-25%)	75%		0.12	\$4.00	1.00
C	0 x	55% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-25%)	75%		0.00	\$0.00	0.00
D	0 x	87% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-25%)	75%		0.00	\$0.00	0.00
Food/Plasma/Tissue Centers																
Category A	6453 x	65% x	10% x	4% x	0.128 x (	50% x	0.10% +	50% x		5%	(1-58%)	42%		0.02	\$1.00	0.00
C	139 x	44% x	10% x	4% x	0.128 x (	50% x	0.10% +	50% x		5%	(1-58%)	42%		0.00	\$0.00	0.00
D	197 x	71% x	10% x	4% x	0.128 x (	50% x	0.10% +	50% x		5%	(1-58%)	42%		0.00	\$0.00	0.00
Residential Care																
Category A	4850 x	64% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-34%)	66%		0.03	\$1.00	0.00
C	388 x	30% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-34%)	66%		0.00	\$0.00	0.00
D	2571 x	73% x	10% x	4% x	0.128 x (	50% x	0.42% +	50% x		5%	(1-34%)	66%		0.02	\$1.00	0.00
Personnel Services																
Category A	2993 x	38% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-80%)	20%		0.01	\$0.00	0.00
D	0 x	30% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-0%)	100%		0.00	\$0.00	0.00
Funeral Services																
Category A	11735 x	67% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-20%)	80%		0.34	\$13.00	1.00
C	0 x	30% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-20%)	80%		0.00	\$0.00	0.00
D	0 x	64% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-20%)	80%		0.00	\$0.00	0.00
Health Units in Industry																
Category A	186,835 x	60% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-14%)	86%		5.23	\$192.00	10.00
B	0 x	42% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-14%)	86%		0.00	\$0.00	0.00
C	0 x	30% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-14%)	86%		0.00	\$0.00	0.00
Research Labs																
Category A	494 x	81% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-20%)	80%		0.02	\$1.00	0.00
C	0 x	42% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-20%)	80%		0.00	\$0.00	0.00
D	0 x	81% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-20%)	80%		0.00	\$0.00	0.00
Linen Service																
D	3000 x	30% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-90%)	10%		0.00	\$0.00	0.00
Medical Equipment Repair																
Category A	0 x	41% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-26%)	74%		0.00	\$0.00	0.00
B	0 x	37% x	10% x	4% x	0.500 x (	50% x	0.42% +	50% x		5%	(1-26%)	74%		0.00	\$0.00	0.00



Hours	Item 12	Item 13	Responses
	4	\$210	\$2,782
			48

TABLE 10

Hepatitis B Immune Globulin (HBIG): Vaccinated Workers (Health Professional Time)  
 Hour = # exposures x % vaccinated x 10% x 4% x health professional time x [(source participation rate x RSS + (% of sources refusing test x 5%)] x (1 - compliance)  
 Costs = # of exposures x % vaccinated x 10% x 4% x cost of HBIG x [(source participation rate x RSS) + (% of sources refusing test x 5%)] x (1 - compliance rate)  
 ASSUMPTIONS:

\* HBIG will be considered whenever a source is tested and found to be positive and whenever a high risk source refuses to be tested.

\* HBIG will be offered only to those vaccinated workers who are found to be non-responders.

\* 4% of employees will be non-vaccinated workers who are found to be non-responders.

\* Required health care professional time is equivalent to 1/3 the time required to administer the HBV vaccination.

\* Source will agree to be tested in 50% of exposure incidents.

Cost of HBIG = \$211

Office of Physicians

Category	Hours	Item 12	Item 13	Responses	Wage	Hours	#12	#13	Responses									
Category A	179,493 x	73% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	25%	55.72	0.88	\$49	11	
C	0 x	55% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	25%	19.02	0.00	\$0	0	
D	0 x	87% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	25%	25.39	0.00	\$0	0	
Office of Dentists																		
Category A	279,485 x	92% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	11%	55.72	2.06	\$115	25	
C	43,075 x	44% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	11%	19.02	0.15	\$3	2	
Nursing Homes																		
Category A	35,746 x	38% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	35%	55.72	0.08	\$4	1	
C	5,002 x	31% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	35%	19.02	0.01	\$0	0	
D	4,636 x	30% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	35%	25.39	0.01	\$0	0	
Hospitals																		
Category A	254,449 x	54% x	10% x	4% x	0.083 x [	50% x	1.25% +	50% x	5% ]	0.235 x(	1	-	74%	55.72	0.37	\$21	4	
B	34,579 x	54% x	10% x	4% x	0.083 x [	50% x	1.25% +	50% x	5% ]	0.235 x(	1	-	74%	29.36	0.05	\$1	1	
C	30,799 x	69% x	10% x	4% x	0.083 x [	50% x	1.25% +	50% x	5% ]	0.235 x(	1	-	74%	19.02	0.06	\$1	1	
Medical and Dental Labs																		
Category A	5,117 x	58% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	38%	55.72	0.02	\$1	0	
C	0 x	88% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	38%	19.02	0.00	\$0	0	
D	487 x	100% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	38%	25.39	0.00	\$0	0	
Home Health																		
Category A	6,244 x	77% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	61%	55.72	0.02	\$1	0	
C	0 x	100% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	61%	19.02	0.00	\$0	0	
D	2,575 x	88% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	61%	25.39	0.01	\$0	0	
Hospices																		
Category A	684 x	77% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	39%	55.72	0.00	\$0	0	
C	0 x	37% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	39%	19.02	0.00	\$0	0	
D	215 x	100% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	39%	25.39	0.00	\$0	0	
Hemodialysis																		
Category A	4,684 x	33% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	72%	55.72	0.00	\$0	0	
Hepatitis B Immune Globulin (HBIG): Vaccinated Workers (Health Professional Time)																		
Category A	477 x	69% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	72%	19.02	0.00	\$0	0	
D	141 x	48% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	72%	25.39	0.00	\$0	0	
Drug Rehabilitation																		
Category A	283 x	49% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	30%	55.72	0.00	\$0	0	
C	0 x	35% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	30%	19.02	0.00	\$0	0	
D	0 x	100% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	30%	25.39	0.00	\$0	0	
Government Clinics																		
Category A	16,013 x	57% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	25%	55.72	0.06	\$3	1	
C	0 x	67% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	25%	19.02	0.00	\$0	0	
D	0 x	37% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	25%	25.39	0.00	\$0	0	
Blood/Plasma/Tissue Centers																		
Category A	6,453 x	60% x	10% x	4% x	0.083 x [	50% x	0.10% +	50% x	5% ]	0.235 x(	1	-	58%	55.72	0.01	\$1	0	
C	139 x	80% x	10% x	4% x	0.083 x [	50% x	0.10% +	50% x	5% ]	0.235 x(	1	-	58%	19.02	0.00	\$0	0	
D	197 x	51% x	10% x	4% x	0.083 x [	50% x	0.10% +	50% x	5% ]	0.235 x(	1	-	58%	25.39	0.00	\$0	0	
Residential Care																		
Category A	4,850 x	73% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	34%	55.72	0.02	\$1	0	
C	388 x	100% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	34%	19.02	0.00	\$0	0	
D	2,571 x	42% x	10% x	4% x	0.083 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	34%	25.39	0.01	\$0	0	
Personnel Services																		
Category A	2,993 x	88% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	80%	55.72			\$12	
D	0 x	100% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	0%	25.39			\$0	
Funeral Services																		
Category A	11,735 x	65% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	20%	55.72			\$140	
C	0 x	100% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	20%	19.02			\$0	
D	0 x	63% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	20%	25.39			\$0	
Health Units in Industry																		
Category A	186,835 x	70% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	14%	55.72			\$2573	
B	0 x	83% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	14%	29.36			\$0	
C	0 x	100% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	14%	19.02			\$0	
Research Labs																		
Category A	494 x	54% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	20%	55.72			\$5	
C	0 x	79% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	20%	19.02			\$0	
D	0 x	54% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	20%	25.39			\$0	
Linen Services																		
Category D	3,000 x	100% x	10% x	4% x	\$211 x [	50% x	0.42% +	50% x	5% ]	0.235 x(	1	-	90%				\$7	

Medical Equipment Repair																	
Category A	0 x	84%	10% x	4% x	\$211	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	26%		\$0		
B	0 x	90	10% x	4% x	\$211	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	26%	29.36	\$0		
C	161 x	92%	10% x	4% x	\$211	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	26%	19.02	\$3		
D	2,464	100%	10% x	4% x	\$211	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	26%	25.39	\$42		
Law Enforcement																	
Category A	18,993 x	83% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	96%	55.72	0.01	\$1	0
B	2,770 x	47% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	96%	29.36	0.00	\$0	0
Hepatitis B Immune Globulin (HBIG): Vaccinated Workers (Health Professional Time)																	
C	1,444 x	98% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	96%	19.02	0.00	\$0	0
D	4,204 x	77% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	96%	25.39	0.00	\$0	0
Fire and Rescue																	
Category A	10,411 x	34% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	71%	55.72	0.01	\$1	0
B	857 x	44% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	71%	29.36	0.00	\$0	0
D	2,158 x	31% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	71%	25.39	0.00	\$0	0
Correctional Facilities																	
Category A	3,034 x	79% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	39%	55.72	0.01	\$1	0
B	1,887 x	97% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	39%	29.36	0.01	\$0	0
C	459 x	90% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	39%	19.02	0.00	\$0	0
D	3,793 x	98% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	39%	25.39	0.02	\$1	0
Livesaving																	
Category A	457 x	75% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	50%	55.72	0.00	\$0	0
Schools																	
Category A	6,321	100% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	0%	55.72	0.06	\$3	1
D	6,321	100% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	0%	25.39	0.06	\$2	1
Waste Removal																	
Category A	50	100% x	10% x	4% x	0.083	50% x	0.42% +	50% x	5% ]]	0.235 x(	1	-	50%	55.72	0.00	\$0	0
											TOTAL	4		\$210	\$2782	48	
1,189,623																	



Hours  
 Item 12 Item 13 Responses  
 65 \$3,315 \$99,018 792

Table #12

HBIG: Non Vaccinated Workers (Health Care Professional)  
 Hours = # exposures x (1-% vaccinated) x 22% x health care professional time x [(source participation rate x RSS) + (% of sources refusing test \* 5%)] x (1-compliance rate)  
 Costs = # exposures x (1-% vaccinated) x 22% x cost of HBIG [(source participation rate x RSS) + (% of sources refusing test x 5%)] x (1-compliance rate)

ASSUMPTIONS:

- \*HBIG will be offered only to those non-vaccinated workers who are found not to have natural immunity.
- \*22% of non-vaccinated workers do not have natural immunity.
- \*HBIG will be considered whenever a source is tested and found to be positive and whenever a high risk source refuses to be tested.
- \*5% of exposures are attributable to a high risk source.
- \*Time required equivalent to 1/3 time required to administer HBV vaccination.
- \*Source will agree to be tested in 50% of exposure incidents.
- \*COST of HBIG = \$211.

												HOURS #12	#13	Responses
Office of the Physicians														
Category A	179,493 *	1 -	73%	22%	0.08 * [(	50%	0.42%	50%	5%	1	25% =	18	\$918	217
C	0 *	1 -	55%	22%	0.08 * [(	50%	0.42%	50%	5%	1	25% =	0	\$0	0
D	0 *	1 -	87%	22%	0.08 * [(	50%	0.42%	50%	5%	1	25% =	0	\$0	0
Office of Dentists														
Category A	279,485 *	1 -	92%	22%	0.08 * [(	50%	0.42%	50%	5%	1	11% =	10	\$510	119
C	43,075 *	1 -	44%	22%	0.08 * [(	50%	0.42%	50%	5%	1	11% =	11	\$561	128
Nursing Homes														
Category A	35,746 *	1 -	38%	22%	0.08 * [(	50%	0.42%	50%	5%	1	35% =	7	\$357	86
C	5,002 *	1 -	31%	22%	0.08 * [(	50%	0.42%	50%	5%	1	35% =	1	\$51	13
D	4,636 *	1 -	30%	22%	0.08 * [(	50%	0.42%	50%	5%	1	35% =	1	\$51	13
Hospitals														
Category A	254,449 *	1 -	77%	22%	0.08 * [(	50%	1.25%	50%	5%	1	74% =	9	\$459	105
B	34,579 *	1 -	77%	22%	0.08 * [(	50%	1.25%	50%	5%	1	74% =	1	\$51	14
C	30,799 *	1 -	62%	22%	0.08 * [(	50%	1.25%	50%	5%	1	74% =	2	\$102	21
Medical and Dental Labs														
Category A	5,177 *	1 -	79%	22%	0.08 * [(	50%	0.42%	50%	5%	1	38% =	0	\$0	4
C	0 *	1 -	38%	22%	0.08 * [(	50%	0.42%	50%	5%	1	38% =	0	\$0	0
D	487 *	1 -	30%	22%	0.08 * [(	50%	0.42%	50%	5%	1	38% =	0	\$0	1
Home Health Care														
Category A	6,244 *	1 -	52%	22%	0.08 * [(	50%	0.42%	50%	5%	1	61% =	1	\$51	7
C	0 *	1 -	30%	22%	0.08 * [(	50%	0.42%	50%	5%	1	61% =	0	\$0	0
D	2,575 *	1 -	84%	22%	0.08 * [(	50%	0.42%	50%	5%	1	61% =	0	\$0	1
Hospices														
Category A	684 *	1 -	58%	22%	0.08 * [(	50%	0.42%	50%	5%	1	39% =	0	\$0	1
C	0 *	1 -	82%	22%	0.08 * [(	50%	0.42%	50%	5%	1	39% =	0	\$0	0
D	215 *	1 -	30%	22%	0.08 * [(	50%	0.42%	50%	5%	1	39% =	0	\$0	1
Hemodialysis														
Category A	4,684 *	1 -	92%	22%	0.08 * [(	50%	0.42%	50%	5%	1	72% =	0	\$0	1
C	477 *	1 -	68%	22%	0.08 * [(	50%	0.42%	50%	5%	1	72% =	0	\$0	0
D	141 *	1 -	81%	22%	0.08 * [(	50%	0.42%	50%	5%	1	72% =	0	\$0	0
Drug Rehabilitation														
Category A	283 *	1 -	78%	22%	0.08 * [(	50%	0.42%	50%	5%	1	30% =	0	\$0	0
C	0 *	1 -	100%	22%	0.08 * [(	50%	0.42%	50%	5%	1	30% =	0	\$0	0
D	0 *	1 -	30%	22%	0.08 * [(	50%	0.42%	50%	5%	1	30% =	0	\$0	0
Government Clinics														
Category A	16,013 *	1 -	73%	22%	0.08 * [(	50%	0.42%	50%	5%	1	25% =	2	\$102	19
C	0.00	1 -	55%	22%	0.08 * [(	50%	0.42%	50%	5%	1	25% =	0	\$0	0
D	0.00	1 -	87%	22%	0.08 * [(	50%	0.42%	50%	5%	1	25% =	0	\$0	0
Blood/Plasma/Tissue Centers														
Category A	6,453 *	1 -	65%	22%	0.08 * [(	50%	0.10%	50%	5%	1	58% =	0	\$0	5
C	139 *	1 -	44%	22%	0.08 * [(	50%	0.10%	50%	5%	1	58% =	0	\$0	0
D	197 *	1 -	71%	22%	0.08 * [(	50%	0.10%	50%	5%	1	58% =	0	\$0	0
Residential Care														
Category A	4,850 *	1 -	64%	22%	0.08 * [(	50%	0.42%	50%	5%	1	34% =	1	\$51	7
C	388 *	1 -	30%	22%	0.08 * [(	50%	0.42%	50%	5%	1	34% =	0	\$0	1
D	2,571 *	1 -	73%	22%	0.08 * [(	50%	0.42%	50%	5%	1	34% =	0	\$0	3
Personnel Services														
Category A	2,993 *	1 -	38%	22%	\$211 * [(	50%	0.42%	50%	5%	1	80% =		\$467	
D	0.00 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	0% =		\$0	
Funeral Services														
Category A	11,735 *	1 -	67%	22%	\$211 * [(	50%	0.42%	50%	5%	1	20% =		\$3,897	
C	0.00 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	20% =		\$0	
D	0.00 *	1 -	64%	22%	\$211 * [(	50%	0.42%	50%	5%	1	20% =		\$0	
Health Units in Industry														
Category A	186,835 *	1 -	60%	22%	\$211 * [(	50%	0.42%	50%	5%	1	14% =		\$80,852	
B	0.00 *	1 -	42%	22%	\$211 * [(	50%	0.42%	50%	5%	1	14% =		\$0	
D	0.00 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	14% =		\$0	
Research Labs														
Category A	494 *	1 -	81%	22%	\$211 * [(	50%	0.42%	50%	5%	1	20% =		\$94	
C	0.00 *	1 -	45%	22%	\$211 * [(	50%	0.42%	50%	5%	1	20% =		\$0	
D	0.00 *	1 -	81%	22%	\$211 * [(	50%	0.42%	50%	5%	1	20% =		\$0	
Linen Service														
D	3,000 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	90% =		\$264	
Medical Equipment Repair														
Category A	0	1 -	41%	22%	\$211 * [(	50%	0.42%	50%	5%	1	26% =		\$0	
B	0	1 -	37%	22%	\$211 * [(	50%	0.42%	50%	5%	1	26% =		\$0	
C	161 *	1 -	36%	22%	\$211 * [(	50%	0.42%	50%	5%	1	26% =		\$96	
D	2,464 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	26% =		\$1,606	
Law Enforcement														
Category A	18,993 *	1 -	42%	22%	0.08 * [(	50%	0.42%	50%	5%	1	96% =	0	\$0	3
B	2,770 *	1 -	92%	22%	0.08 * [(	50%	0.42%	50%	5%	1	96% =	0	\$0	0
C	1,444 *	1 -	31%	22%	0.08 * [(	50%	0.42%	50%	5%	1	96% =	0	\$0	0
D	4,204 *	1 -	46%	22%	0.08 * [(	50%	0.42%	50%	5%	1	96% =	0	\$0	1
Fire and Rescue														
Category A	10,411 *	1 -	89%	22%	\$211 * [(	50%	0.42%	50%	5%	1	71% =		\$418	

B	857 *	1 -	86%	22%	\$211 * [(	50%	0.42%	50%	5%	1	71% =		\$44		
D	2,158 *	1 -	92%	22%	\$211 * [(	50%	0.42%	50%	5%	1	71% =		\$63		
Correctional Facilities															
Category A	3,034 *	1 -	54%	22%	0.08 * [(	50%	0.42%	50%	5%	1	39% =	0	\$0	5	
B	1,887 *	1 -	32%	22%	0.08 * [(	50%	0.42%	50%	5%	1	39% =	0	\$0	5	
C	459 *	1 -	30%	22%	0.08 * [(	50%	0.42%	50%	5%	1	39% =	0	\$0	1	
D	3,793 *	1 -	31%	22%	0.08 * [(	50%	0.42%	50%	5%	1	39% =	1	\$51	10	
Lifesaving															
Category A	457 *	1 -	78%	22%	\$211 * [(	50%	0.42%	50%	5%	1	50% =		\$63		
Schools															
Category A	6,321 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	0% =		\$5,566		
D	6,321 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	0% =		\$5,566		
Waste Removal															
Category A	50 *	1 -	30%	22%	\$211 * [(	50%	0.42%	50%	5%	1	50% =		\$22		
											Total =	65	\$3,315	\$99,018	792



Hours  
Item 12      Item 13      Responses  
280022      \$10,302,006 NA      1293193

TABLE 13

HIV Antibody Tests (Employee Time)

Hours = # exposures x employer participation rate x (% of sources refusing test + (source participation rate x RSS) x # of tests x employee time x (1- compliance rate)

Assumptions:

\*Employee participation rate for HIV antibody test is 0.8.%

\*50% of sources will agree to be tested, 50% will refuse to be tested.

\*RSS is 0.05% for blood/plasma/tissue centers. 17% for law enforcement. 17% for corrections and 0.8% for all other sectors.

\*A sequence of 4 HIV antibody tests will be performed for employees tested.

\*Employee time is equivalent to 1/3 time required for HBV vaccination.

											<b>HOURS</b>	<b>#12</b>	<b>Responses</b>
Offices of Physicians	179,493 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	24%	28,161	\$1,036,043	220,008		
Office of Dentists	322,560 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	10%	59,930	\$2,204,825	468,203		
Nursing Homes	45,384 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	23%	7,214	\$265,403	56,359		
Hospitals	319,827 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	65%	23,109	\$850,180	180,539		
Medical and Dental Labs	5,664 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	89%	129	\$4,746	1,008		
Home Health Care	8,819 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	58%	765	\$28,144	5,977		
Hospices	899 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	47%	98	\$3,605	766		
Hemodialysis	5,302 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	69%	339	\$12,472	2,648		
Drug Rehabilitation	283 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	60%	23	\$846	180		
Government Clinics	16,013 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	24%	2,512	\$92,416	19,625		
Blood/Plasma/Tissue Centers	6,789 x	80% x (	50% + (	50% x	0.05% )) x	4 x 0.13 x (	1	57%	598	\$22,000	4,672		
Residential Care	7,809 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.13 x (	1	7%	1,499	\$55,148	11,711		
Personnel Services	2,993 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	77%	555	\$20,418	1,110		
Funeral Services	11,735 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	22%	7,381	\$271,547	14,762		
Health Units in Industry	186,835 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	14%	129,571	\$4,766,917	259,142		
Research Labs	494 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	60%	159	\$5,850	318		
Linen Services	3,000 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	90%	242	\$8,903	484		
Medical Equipment Repair	2,625 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	0%	2,117	\$77,884	4,234		
Law Enforcement	27,411 x	80% x (	50% + (	50% x	17.00% )) x	4 x 0.13 x (	1	91%	591	\$21,743	4,617		
Fire and Rescue	13,426 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	68%	3,465	\$127,477	6,930		
Correctional Facilities	9,173 x	80% x (	50% + (	50% x	17.00% )) x	4 x 0.13 x (	1	47%	1,165	\$42,860	9,102		
Lifesaving	457 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	50%	184	\$6,769	368		
Schools	12,642 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	0%	10,195	\$375,074	20,390		
Waste Removal	50 x	80% x (	50% + (	50% x	0.80% )) x	4 x 0.500 x (	1	50%	20	\$736	40		
<b>Totals</b>	<b>1,189,683</b>								<b>TOTAL</b>	<b>280,022</b>	<b>\$10,302,006</b>	<b>1,293,193</b>	

Hours 81789 Item 12 \$4,172,875 Item 13 \$6,155,548 Responses 163578

TABLE 14

HIV Antibody Test  
 Hours = # exposures x employer participation rate x (% of sources refusing test + (source participation rate x RSS) x # of tests x health care professional time x (1- compliance rate)  
 Assumptions:  
 \*Employee participation rate for HIV antibody tests is 80%.  
 \*50% of sources will agree to be tested, 50% will refuse to be tested.  
 \*RSS is 0.05% for blood/plasma/tissue centers. 17% for law enforcement. 17% for corrections and 0.8% for all other sectors.  
 \*A sequence of 4 HIV antibody tests will be performed for employees tested.  
 \*Health care professional time is equivalent to 1/3 time required to administer HBV vaccination

								HOURS #12		#13		RESPONSES	
Offices of Physicians	Offices of Physicians	179,493 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	24%	18261	\$931,676	36522	
Office of Dentists	Office of Dentists	322,560 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	10%	38861	\$1,982,688	77722	
Nursing Homes	Nursing Homes	45,384 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	23%	4678	\$238,672	9356	
Hospitals	Hospitals	319,827 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	65%	14984	\$764,484	29968	
Medical and Dental Labs	Medical and Dental Labs	5,664 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	89%	83	\$4,235	166	
Home Health Care	Home Health Care	8,819 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	58%	496	\$25,306	992	
Hospices	Hospices	899 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	47%	64	\$3,265	128	
Hemodialysis	Hemodialysis	5,302 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	69%	220	\$11,224	440	
Drug Rehabilitation	Drug Rehabilitation	283 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	60%	15	\$765	30	
Government Clinics	Government Clinics	16,013 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	24%	1629	\$83,112	3258	
Blood/Plasma/Tissue Centers	Blood/Plasma/Tissue Centers	6,789 x	80% x (	50% + (	50% x	0.05% ) ) x	4 x 0.083	1	57%	388	\$19,796	776	
Residential Care	Residential Care	7,809 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x 0.083	1	7%	972	\$49,591	1944	
Personnel Services	Personnel Services	2,993 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	77%		\$0	\$22,205	
Funeral Services	Funeral Services	11,735 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	22%		\$0	\$295,249	
Health Units in Industry	Health Units in Industry	186,835 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	14%		\$0	\$5,182,833	
Research Labs	Research Labs	494 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	60%		\$0	\$6,374	
Linen Services	Linen Services	3,000 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	90%		\$0	\$9,677	
Medical Equipment Repair	Medical Equipment Repair	2,625 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	0%		\$0	\$84,672	
Law Enforcement	Law Enforcement	27,411 x	80% x (	50% + (	50% x	17.00% ) ) x	4 x 0.083	1	91%	383	\$19,541	766	
Fire and Rescue	Fire and Rescue	13,426 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	68%		\$0	\$138,582	
Correctional Facilities	Correctional Facilities	9,173 x	80% x (	50% + (	50% x	17.00% ) ) x	4 x 0.083	1	47%	755	\$38,520	1510	
Lifesaving	Lifesaving	457 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	50%		\$0	\$7,370	
Schools	Schools	12,642 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	0%		\$0	\$407,780	
Waste Removal	Waste Removal	50 x	80% x (	50% + (	50% x	0.80% ) ) x	4 x \$20.00	1	50%		\$0	\$806	
Totals									TOTAL =	81,789	\$4,172,875	\$6,155,548	163,578



Hours	Item 12	Item 13	Responses	Table 18
969,006	Recordkeeping: Medical Records	\$24,729,033 NA	4,234,549	
	Hours = [ ((# workers x 10 minutes (.17 hour) + (3 potentially vaccinated x 15 minutes (.25 hour) ) x job turnover rate) + [# of exposures x (5 minutes + 15 minutes)]) Assumptions: Cost of creating records for new hires: [(((# of workers x .08 hour) + (# of potentially vaccinated x .2 hour)) x Job turnover] - 10 minutes is required to establish a file for a new worker - # potentially vaccinated = (# workers - (# workers x prior vaccination rate)) x participation rate. - 15 minutes of HCP is need to prepare a written opinion with regard to the ability of each employee to accept the hepatitis B vaccine Time required to update records and have a health care professional I prepare a written opinion workers reporting exposures exposure is [# of exposures x (5 minutes + 15 minutes)] - 5 minutes to update existing files - 15 minutes is required for a HCP to prepare a written opinion regarding an exposure incident			
				<b>Hours No. 12 Costs Response</b>
	Sector/Category	Office of the Physicians	Vaccinated workers	
	Office of the PhysiciansA	Category A	((( 1,284,076 x 0.17 ) + ( 380,600 x 0.25 ) )	22.80% ] + [ 179,493 x ( 0.08 + 0.25 ) ] = 131,236 \$3,349,143 559,039
	Office of the PhysiciansC	C	((( 9,248 x 0.17 ) + ( 2,045 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 658 \$16,792 3,569
	Office of the PhysiciansD	D	((( 92,475 x 0.17 ) + ( 22,240 x 0.25 ) )	21.80% ] + [ 0 x ( 0.08 + 0.25 ) ] = 4,639 \$118,387 25,008
	Office of Dentists	Office of Dentists		0.00% ] + [
	Office of DentistsA	Category A	((( 483,407 x 0.17 ) + ( 119,643 x 0.25 ) )	26.80% ] + [ 279,485 x ( 0.08 + 0.25 ) ] = 123,109 \$3,141,742 441,102
	Office of DentistsC	C	((( 4,633 x 0.17 ) + ( 1112 x 0.25 ) )	31.60% ] + [ 43,075 x ( 0.08 + 0.25 ) ] = 14,681 \$374,659 44,890
	Nursing Homes	Nursing Homes		0.00% ] + [
	Nursing HomesA	Category A	((( 661,860 x 0.17 ) + ( 188,631 x 0.25 ) )	49.90% ] + [ 35,746 x ( 0.08 + 0.25 ) ] = 91,581 \$2,337,147 460,141
	Nursing HomesC	C	((( 42,701 x 0.17 ) + ( 14,305 x 0.25 ) )	31.60% ] + [ 5,002 x ( 0.08 + 0.25 ) ] = 5,090 \$129,897 23,016
	Nursing HomesD	D	((( 7,117 x 0.17 ) + ( 1,317 x 0.25 ) )	31.60% ] + [ 4,636 x ( 0.08 + 0.25 ) ] = 2,030 \$51,806 7,301
	Hospitals	Hospitals		0.00% ] + [
	HospitalsA	Category A	((( 2,399,365 x 0.17 ) + ( 738,525 x 0.25 ) )	27.20% ] + [ 254,449 x ( 0.08 + 0.25 ) ] = 245,898 \$6,275,317 1,107,955
	HospitalsB	B	((( 205,009 x 0.17 ) + ( 63,102 x 0.25 ) )	21.80% ] + [ 34,579 x ( 0.08 + 0.25 ) ] = 22,552 \$575,527 93,027
	HospitalsC	C	((( 318,903 x 0.17 ) + ( 96,819 x 0.25 ) )	31.60% ] + [ 30,799 x ( 0.08 + 0.25 ) ] = 35,036 \$894,119 162,167
	Medical and Dental Labs	Medical and Dental Labs		0.00% ] + [
	Medical and Dental LabsA	Category A	((( 276,866 x 0.17 ) + ( 102,773 x 0.25 ) )	21.70% ] + [ 5,177 x ( 0.08 + 0.25 ) ] = 17,513 \$446,932 87,559
	Medical and Dental LabsC	C	((( 2,132 x 0.17 ) + ( 563 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 159 \$4,058 852
	Medical and Dental LabsD	D	((( 240,392 x 0.17 ) + ( 72,117 x 0.25 ) )	31.60% ] + [ 487 x ( 0.08 + 0.25 ) ] = 18,773 \$479,087 99,240
	Home Health	Home Health		0.00% ] + [
	Home HealthA	Category A	((( 306,068 x 0.17 ) + ( 89,555 x 0.25 ) )	36.30% ] + [ 6,244 x ( 0.08 + 0.25 ) ] = 29,094 \$742,479 149,855
	Home HealthC	C	((( 4,524 x 0.17 ) + ( 1357 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 350 \$8,932 1,859
	Home HealthD	D	((( 9,501 x 0.17 ) + ( 6,856 x 0.25 ) )	36.30% ] + [ 2,575 x ( 0.08 + 0.25 ) ] = 2,066 \$52,724 8,512
	Hospices	Hospices		0.00% ] + [
	HospicesA	Category A	((( 10,565 x 0.17 ) + ( 3,742 x 0.25 ) )	36.30% ] + [ 684 x ( 0.08 + 0.25 ) ] = 1,219 \$31,109 5,877
	HospicesC	C	((( 154 x 0.17 ) + ( 28 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 70 \$255 58
	HospicesD	D	((( 27 x 0.17 ) + ( 8 x 0.25 ) )	36.30% ] + [ 215 x ( 0.08 + 0.25 ) ] = 14 \$1,888 228
	Hemodialysis	Hemodialysis		0.00% ] + [
	HemodialysisA	Category A	((( 4,964 x 0.17 ) + ( 1,261 x 0.25 ) )	25.50% ] + [ 4,684 x ( 0.08 + 0.25 ) ] = 1,855 \$47,340 6,271
	HemodialysisC	C	((( 87 x 0.17 ) + ( 32 x 0.25 ) )	31.60% ] + [ 477 x ( 0.08 + 0.25 ) ] = 166 \$4,236 515
	HemodialysisD	D	((( 230 x 0.17 ) + ( 66 x 0.25 ) )	21.80% ] + [ 141 x ( 0.08 + 0.25 ) ] = 59 \$1,506 206
	Drug Rehabilitation	Drug Rehabilitation		0.00% ] + [
	Drug RehabilitationA	Category A	((( 6,067 x 0.17 ) + ( 1,665 x 0.25 ) )	25.50% ] + [ 283 x ( 0.08 + 0.25 ) ] = 463 \$11,816 2,255
	Drug RehabilitationC	C	((( 149 x 0.17 ) + ( 52 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 12 \$306 64
	Drug RehabilitationD	D	((( 506 x 0.17 ) + ( 152 x 0.25 ) )	21.80% ] + [ 0 x ( 0.08 + 0.25 ) ] = 27 \$689 143
	Government Clinics	Government Clinics		0.00% ] + [
	Government ClinicsA	Category A	((( 52,156 x 0.17 ) + ( 15,459 x 0.25 ) )	22.80% ] + [ 16,013 x ( 0.08 + 0.25 ) ] = 8,235 \$210,157 31,429
	Government ClinicsC	C	((( 381 x 0.17 ) + ( 84 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 27 \$689 147
	Government ClinicsD	D	((( 3,808 x 0.17 ) + ( 916 x 0.25 ) )	21.80% ] + [ 0 x ( 0.08 + 0.25 ) ] = 191 \$4,874 1,030
	Blood/Plasma/Tissue Centers	Blood/Plasma/Tissue Centers		0.00% ] + [
	Blood/Plasma/Tissue CentersA	Category A	((( 36,820 x 0.17 ) + ( 9,279 x 0.25 ) )	21.80% ] + [ 6,453 x ( 0.08 + 0.25 ) ] = 4,019 \$102,565 16,503
	Blood/Plasma/Tissue CentersC	C	((( 405 x 0.17 ) + ( 97 x 0.25 ) )	31.60% ] + [ 139 x ( 0.08 + 0.25 ) ] = 76 \$1,940 298
	Blood/Plasma/Tissue CentersD	D	((( 789 x 0.17 ) + ( 177 x 0.25 ) )	36.30% ] + [ 197 x ( 0.08 + 0.25 ) ] = 130 \$3,318 548
	Residential Care	Residential Care		0.00% ] + [
	Residential Care A	Category A	((( 71,425 x 0.17 ) + ( 26,070 x 0.25 ) )	49.60% ] + [ 4,850 x ( 0.08 + 0.25 ) ] = 7,638 \$194,922 40,277
	Residential Care C	C	((( 1,972 x 0.17 ) + ( 987 x 0.25 ) )	31.60% ] + [ 388 x ( 0.08 + 0.25 ) ] = 2,295 \$58,568 9,249
	Residential Care D	D	((( 11,704 x 0.17 ) + ( 2,458 x 0.25 ) )	36.30% ] + [ 2,571 x ( 0.08 + 0.25 ) ] = 1,668 \$42,567 7,178
	Personnel Services	Personnel Services		0.00% ] + [
	Personnel ServicesA	Category A	((( 61,387 x 0.17 ) + ( 16,206 x 0.25 ) )	100.00% ] + [ 2,993 x ( 0.08 + 0.25 ) ] = 15,484 \$395,152 80,586
	Personnel ServicesD	D	((( 102,090 x 0.17 ) + ( 30,627 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 7,904 \$201,710 41,939
	Funeral Services	Funeral Services		0.00% ] + [
	Funeral ServicesA	Category A	((( 53,408 x 0.17 ) + ( 17010 x 0.25 ) )	21.80% ] + [ 0 x ( 0.08 + 0.25 ) ] = 2,906 \$74,161 15,351
	Funeral ServicesC	C	((( 2,846 x 0.17 ) + ( 1423 x 0.25 ) )	31.60% ] + [ 11,735 x ( 0.08 + 0.25 ) ] = 4,173 \$106,495 13,084
	Funeral ServicesD	D	((( 3,387 x 0.17 ) + ( 1,016 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 262 \$6,686 1,391
	Health Units in Industry	Health Units in Industry		0.00% ] + [
	Health Units in IndustryA	Category A	((( 34,184 x 0.17 ) + ( 10289 x 0.25 ) )	31.70% ] + [ 0 x ( 0.08 + 0.25 ) ] = 2,658 \$67,832 14,098
	Health Units in IndustryB	B	((( 141,051 x 0.17 ) + ( 35,122 x 0.25 ) )	21.80% ] + [ 186,835 x ( 0.08 + 0.25 ) ] = 69,358 \$1,770,016 225,241
	Health Units in IndustryD	D	((( 3,497 x 0.17 ) + ( 315 x 0.25 ) )	31.60% ] + [ 0 x ( 0.08 + 0.25 ) ] = 213 \$5,436 1,205
	Research Labs	Research Labs		0.00% ] + [
	Research LabsA	Category A	((( 87,484 x 0.17 ) + ( 30,707 x 0.25 ) )	21.80% ] + [ 0 x ( 0.08 + 0.25 ) ] = 4,916 \$125,456 25,766

Research LabsC	C	(((	1,315 x 0.17 )+(	322 x 0.25 )	31.60% ]+[	494 x ( 0.08 + 0.25 )]=	261	\$6,661	1,011
Research LabsD	D	(((	352 x 0.17 )+(	124 x 0.25 )	21.80% ]+[	0 x ( 0.08 + 0.25 )]=	20	\$510	104
Linen Service	Linen Service				0.00% ]+[				
Linen ServiceD	D	(((	56,000 x 0.17 )+(	16,800 x 0.25 )	54.00% ]+[	3,000 x ( 0.08 + 0.25 )]=	8,408	\$214,572	42,312
Medical Equipment Repair	Medical Equipment Repair				0.00% ]+[				
Medical Equipment RepairA	Category A	(((	473 x 0.17 )+(	119 x 0.25 )	38.30% ]+[	0 x ( 0.08 + 0.25 )]=	42	\$1,072	227
Medical Equipment RepairB	B	(((	200 x 0.17 )+(	54 x 0.25 )	38.30% ]+[	0 x ( 0.08 + 0.25 )]=	18	\$459	97
Medical Equipment RepairC	C	(((	5,152 x 0.17 )+(	1,422 x 0.25 )	21.80% ]+[	161 x ( 0.08 + 0.25 )]=	322	\$8,217	1,594
Medical Equipment RepairD	D	(((	360 x 0.17 )+(	108 x 0.25 )	21.80% ]+[	2,464 x ( 0.08 + 0.25 )]=	840	\$21,437	2,566
Law Enforcement	Law Enforcement				0.00% ]+[				
Law EnforcementA	Category A	(((	477,334 x 0.17 )+(	118,856 x 0.25 )	10.10% ]+[	18,993 x ( 0.08 + 0.25 )]=	17,522	\$447,161	79,208
Law EnforcementB	B	(((	1,769 x 0.17 )+(	690 x 0.25 )	21.80% ]+[	2,770 x ( 0.08 + 0.25 )]=	1,026	\$26,184	3,306
Law EnforcementC	C	(((	4,072 x 0.17 )+(	1,197 x 0.25 )	31.60% ]+[	1,444 x ( 0.08 + 0.25 )]=	794	\$20,263	3,109
Law EnforcementD	D	(((	48,270 x 0.17 )+(	11,150 x 0.25 )	10.10% ]+[	4,204 x ( 0.08 + 0.25 )]=	2,510	\$64,055	10,205
Fire and Rescue	Fire and Rescue				0.00% ]+[				
Fire and RescueA	Category A	(((	191,104 x 0.17 )+(	44,183 x 0.25 )	21.80% ]+[	10,411 x ( 0.08 + 0.25 )]=	12,957	\$330,663	61,704
Fire and RescueB	B	(((	228,944 x 0.17 )+(	69,507 x 0.25 )	8.50% ]+[	857 x ( 0.08 + 0.25 )]=	5,071	\$129,412	26,225
Fire and RescueD	D	(((	2,971 x 0.17 )+(	672 x 0.25 )	38.30% ]+[	2,158 x ( 0.08 + 0.25 )]=	976	\$24,908	3,553
Correctional Facilities	Correctional Facilities				0.00% ]+[				
Correctional FacilitiesA	Category A	(((	19,628 x 0.17 )+(	6,513 x 0.25 )	31.70% ]+[	3,034 x ( 0.08 + 0.25 )]=	2,584	\$65,944	11,321
Correctional FacilitiesB	B	(((	194,108 x 0.17 )+(	56,485 x 0.25 )	41.00% ]+[	1,887 x ( 0.08 + 0.25 )]=	19,947	\$509,047	104,630
Correctional FacilitiesC	C	(((	17,033 x 0.17 )+(	4,599 x 0.25 )	31.60% ]+[	459 x ( 0.08 + 0.25 )]=	1,431	\$36,519	7,295
Correctional FacilitiesD	D	(((	50,790 x 0.17 )+(	14,932 x 0.25 )	29.10% ]+[	3,793 x ( 0.08 + 0.25 )]=	4,862	\$124,078	22,918
Lifesaving	Lifesaving				0.00% ]+[				
LifesavingA	Category A	(((	5,000 x 0.17 )+(	2,550 x 0.25 )	21.80% ]+[	457 x ( 0.08 + 0.25 )]=	476	\$12,148	2,103
Schools	Schools				0.00% ]+[				
SchoolsA	Category A	(((	23,514 x 0.17 )+(	7,054 x 0.25 )	25.00% ]+[	6,321 x ( 0.08 + 0.25 )]=	3,545	\$90,468	13,963
SchoolsD	D	(((	17,848 x 0.17 )+(	5,354 x 0.25 )	36.30% ]+[	6,321 x ( 0.08 + 0.25 )]=	3,692	\$94,220	14,743
Waste Removal	Waste Removal				0.00% ]+[				
Waste RemovalA	Category A	(((	13,300 x 0.17 )+(	3,990 x 0.25 )	36.30% ]+[	50 x ( 0.08 + 0.25 )]=	1,199	\$30,598	6,326
TOTALS	TOTALS						969,006	\$24,729,033	4,234,549
			8,399,358	2,473,489		1,189,683			

Hours 162,803 Item 12 \$4,154,733 NA Item 13 Responses 9,576,692

Table 19

Recordkeeping: Updating or Creating Training Records.  
 Hours + # employees x (1+ turnover rate/2) x 10 minutes (.017 hour)  
 Assumptions

One minute per employee per year will be required to create or update training records

Sector/Category	Office of Physicians	Hours	Cost	Responses
Office of the PhysiciansA	Category A	1,284,076 x (	1 + 22.80% /	2 x ) 0.02 = 24,318 \$620,595 1,430,461
Office of the PhysiciansC	C	9,248 x (	1 + 31.60% /	2 x ) 0.02 = 182 \$4,645 10,709
Office of the PhysiciansD	D	92,475 x (	1 + 21.80% /	2 x ) 0.02 = 1,743 \$44,481 102,554
Office of Dentists	Office of Dentists			
Office of DentistsA	Category A	483,407 x (	1 + 26.80% /	2 x ) 0.02 = 9,319 \$237,821 548,184
Office of DentistsC	C	4,633 x (	1 + 31.60% /	2 x ) 0.02 = 91 \$2,322 5,365
Nursing Homes	Nursing Homes			
Nursing HomesA	Category A	661,860 x (	1 + 49.90% /	2 x ) 0.02 = 14,059 \$358,786 826,994
Nursing HomesC	C	42,701 x (	1 + 31.60% /	2 x ) 0.02 = 841 \$21,462 49,448
Nursing HomesD	D	7,117 x (	1 + 31.60% /	2 x ) 0.02 = 140 \$3,573 8,241
Hospitals	Hospitals			
HospitalsA	Category A	2,399,365 x (	1 + 27.20% /	2 x ) 0.02 = 46,337 \$1,182,520 2,725,679
HospitalsB	B	205,009 x (	1 + 21.80% /	2 x ) 0.02 = 3,865 \$98,635 227,355
HospitalsC	C	318,903 x (	1 + 31.60% /	2 x ) 0.02 = 6,278 \$160,215 369,290
Medical and Dental Labs	Medical and Dental Labs			
Medical and Dental LabsA	Category A	276,866 x (	1 + 21.70% /	2 x ) 0.02 = 5,217 \$133,138 306,906
Medical and Dental LabsC	C	2,132 x (	1 + 31.60% /	2 x ) 0.02 = 42 \$1,072 2,469
Medical and Dental LabsD	D	240,392 x (	1 + 31.60% /	2 x ) 0.02 = 4,732 \$120,761 278,373
Home Health	Home Health			
Home HealthA	Category A	306,068 x (	1 + 36.30% /	2 x ) 0.02 = 6,148 \$156,897 361,619
Home HealthC	C	4,524 x (	1 + 31.60% /	2 x ) 0.02 = 89 \$2,271 5,239
Home HealthD	D	9,501 x (	1 + 36.30% /	2 x ) 0.02 = 191 \$4,874 11,225
Hospices	Hospices			
HospicesA	Category A	10,565 x (	1 + 36.30% /	2 x ) 0.02 = 212 \$5,410 12,483
HospicesC	C	154 x (	1 + 31.60% /	2 x ) 0.02 = 3 \$77 178
HospicesD	D	27 x (	1 + 36.30% /	2 x ) 0.02 = 1 \$26 32
Hemodialysis	Hemodialysis			
HemodialysisA	Category A	4,964 x (	1 + 25.50% /	2 x ) 0.02 = 95 \$2,424 5,597
HemodialysisC	C	87 x (	1 + 31.60% /	2 x ) 0.02 = 2 \$51 101
HemodialysisD	D	230 x (	1 + 21.80% /	2 x ) 0.02 = 4 \$102 255
Drug Rehabilitation	Drug Rehabilitation			
Drug RehabilitationA	Category A	6,067 x (	1 + 25.50% /	2 x ) 0.02 = 116 \$2,960 6,841
Drug RehabilitationC	C	149 x (	1 + 31.60% /	2 x ) 0.02 = 3 \$77 173
Drug RehabilitationD	D	506 x (	1 + 21.80% /	2 x ) 0.02 = 10 \$255 561
Government Clinics	Government Clinics			
Government ClinicsA	Category A	52,156 x (	1 + 22.80% /	2 x ) 0.02 = 988 \$25,214 58,102
Government ClinicsC	C	381 x (	1 + 31.60% /	2 x ) 0.02 = 8 \$204 441
Government ClinicsD	D	3,808 x (	1 + 21.80% /	2 x ) 0.02 = 72 \$1,837 4,223
Blood/Plasma/Tissue Centers	Blood/Plasma/Tissue Centers			
Blood/Plasma/Tissue CentersA	Category A	36,820 x (	1 + 21.80% /	2 x ) 0.02 = 694 \$17,711 40,833
Blood/Plasma/Tissue CentersC	C	405 x (	1 + 31.60% /	2 x ) 0.02 = 8 \$204 469
Blood/Plasma/Tissue CentersD	D	789 x (	1 + 36.30% /	2 x ) 0.02 = 16 \$408 932
Residential Care	Residential Care			
Residential Care A	Category A	71,425 x (	1 + 49.60% /	2 x ) 0.02 = 1,515 \$38,663 89,139
Residential Care C	C	1,972 x (	1 + 31.60% /	2 x ) 0.02 = 39 \$995 2,284
Residential Care D	D	11,704 x (	1 + 36.30% /	2 x ) 0.02 = 235 \$5,997 13,829
Personnel Services	Personnel Services			
Personnel ServicesA	Category A	61,387 x (	1 + 100.00% /	2 x ) 0.02 = 1,565 \$39,939 92,081
Personnel ServicesD	D	102,090 x (	1 + 31.60% /	2 x ) 0.02 = 2,010 \$51,295 118,220

Funeral Services	Funeral Services								
Funeral ServicesA	Category A	53,408 x (	1 + 21.80% /	2 x)	0.02 =	1,007	\$25,699	59,229	
Funeral ServicesC	C	2,846 x (	1 + 31.60% /	2 x)	0.02 =	56	\$1,429	3,296	
Funeral ServicesD	D	3,387 x (	1 + 31.60% /	2 x)	0.02 =	67	\$1,710	3,922	
Health Units in Industry	Health Units in Industry								
Health Units in IndustryA	Category A	34,184 x (	1 + 31.70% /	2 x)	0.02 =	673	\$17,175	39,602	
Health Units in IndustryB	B	141,051 x (	1 + 21.80% /	2 x)	0.02 =	2,659	\$67,858	156,426	
Health Units in IndustryD	D	3,497 x (	1 + 31.60% /	2 x)	0.02 =	69	\$1,761	4,050	
Research Labs	Research Labs								
Research LabsA	Category A	87,484 x (	1 + 21.80% /	2 x)	0.02 =	1,649	\$42,082	97,020	
Research LabsC	C	1,315 x (	1 + 31.60% /	2 x)	0.02 =	26	\$664	1,523	
Research LabsD	D	352 x (	1 + 21.80% /	2 x)	0.02 =	7	\$179	390	
Linen Service	Linen Service								
Linen ServiceD	D	56,000 x (	1 + 54.00% /	2 x)	0.02 =	1,209	\$30,854	71,120	
Medical Equipment Repair	Medical Equipment Repair								
Medical Equipment RepairA	Category A	473 x (	1 + 38.30% /	2 x)	0.02 =	10	\$255	564	
Medical Equipment RepairB	B	200 x (	1 + 38.30% /	2 x)	0.02 =	4	\$102	238	
Medical Equipment RepairC	C	5,152 x (	1 + 21.80% /	2 x)	0.02 =	97	\$2,475	5,714	
Medical Equipment RepairD	D	360 x (	1 + 21.80% /	2 x)	0.02 =	7	\$179	399	
Law Enforcement	Law Enforcement								
Law EnforcementA	Category A	477,334 x	1 + 10.10% /	2 x)	0.02 =	8,524	\$217,532	501,439	
Law EnforcementB	B	1,769 x (	1 + 21.80% /	2 x)	0.02 =	33	\$842	1,962	
Law EnforcementC	C	4,072 x (	1 + 31.60% /	2 x)	0.02 =	80	\$2,042	4,715	
Law EnforcementD	D	48,270 x (	1 + 10.10% /	2 x)	0.02 =	862	\$21,998	50,708	
Fire and Rescue	Fire and Rescue								
Fire and RescueA	Category A	191,104 x (	1 + 21.80% /	2 x)	0.02 =	3,603	\$91,949	211,934	
Fire and RescueB	B	228,944 x (	1 + 8.50% /	2 x)	0.02 =	4,057	\$103,535	238,674	
Fire and RescueD	D	2,971 x	1 + 38.30% /	2 x)	0.02 =	60	\$1,531	3,540	
Correctional Facilities	Correctional Facilities								
Correctional FacilitiesA	Category A	19,628 x (	1 + 31.70% /	2 x)	0.02 =	387	\$9,876	22,739	
Correctional FacilitiesB	B	194,108 x (	1 + 41.00% /	2 x)	0.02 =	3,976	\$101,468	233,900	
Correctional FacilitiesC	C	17,033 x (	1 + 31.60% /	2 x)	0.02 =	335	\$8,549	19,724	
Correctional FacilitiesD	D	50,790 x (	1 + 29.10% /	2 x)	0.02 =	989	\$25,239	58,180	
Lifesaving	Lifesaving								
LifesavingA	Category A	5,000 x (	1 + 21.80% /	2 x)	0.02 =	94	\$2,399	5,545	
Schools	Schools								
SchoolsA	Category A	23,514 x (	1 + 25.00% /	2 x)	0.02 =	450	\$11,484	26,453	
SchoolsD	D	17,848 x (	1 + 36.30% /	2 x)	0.02 =	358	\$9,136	21,087	
Waste Removal	Waste Removal								
Waste RemovalA	Category D	13,300 x (	1 + 36.30% /	2 x)	0.02 =	267	\$6,814	15,714	
	TOTALS					162,803	\$4,154,733	9,576,692	