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:

^{*} 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

^{*} 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

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

323,879

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.

		Employee % Non- Participation Employee									
Sector Category	SectorCategory	Sector/Employment Category	Employees	Vaccinated	Rate	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 F A	Office of the PhysiciansA	Category A	1,284,076 x	57% x	52% x			16,545		\$921,887	26,262
Office of the F C	Office of the PhysiciansC	C	9,248 x	67% x	33% x			76		\$1,446	200
Office of the F D	Office of the PhysiciansD	D	92,475 x	37% x	65% x	0.38 x		1,090	\$25.39	\$27,675	2,868
Office of Dentists	Office of Dentists	Office of Dentists					0.00%				
Office of Dent A	Office of DentistsA	Category A	483,407 x	33% x	75% x			1,206		\$67,198	1,914
Office of Dent 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)	400.005	F70/ ···	F00/	0.00	0.00%	00.40	055.70	64 004 005	05.000
Nursing Hom A	Nursing Homes (75% employees on- site)A	Category A	496,395 x	57% x	50% x			22,104		\$1,231,635	35,086
Nursing Hom C	Nursing Homes (75% employees on- site)C	C	32,026 x	67% x	50% x			400		\$7,608	1,053
Nursing Home D	Nursing Homes (75% employees on- site)D	D	5,338 x	37% x	50% x	0.38 x		37	\$25.39	\$939	97
	Nursing Homes (25% employees off-site)	Nursing Homes (25% employees off-site)	165.465 x	57% x	50% x	1.92 x	0.00% 24.80%	22.455	\$55.72	\$1,251,193	11.695
Nursing Hom. C	Nursing Homes (25% employees off-site)A	Category A C	105,465 X	67% x	50% x			22,455 585		\$1,251,193	350
Nursing Hom C Nursing Hom D	Nursing Homes (25% employees off-site)C Nursing Homes (25% employees off-site)D	D	1,779 x	37% x	50% X	1.67 x	9.80%	54		\$1,371	32
Hospitals	Hospitals	Hospitals	1,775 X	31 /0 X	30 /0 X	1.07 A	0.00%	J-	Ψ20.00	ψ1,571	32
Hospitals A	HospitalsA	Category A	2,399,365 x	54% x	57% x	0.63 x		68,395	\$55.72	\$3,810,969	108,563
Hospitals B	HospitalsB	B	205.009 x	54% x	57% x			5.128		\$150.558	8.140
Hospitals C	HospitalsC	C	318,903 x	69% x	44% x			3,606		\$68,586	9,489
Medical and Dental Labs	Medical and Dental Labs	Medical and Dental Labs	010,000 X	0070 X	4470 X	0.00 X	0.00%	0,000	ψ10.0 <u>2</u>	ψ00,000	5,405
Medical and [A	Medical and Dental LabsA	Category A	276,866 x	58% x	64% x	0.63 x		8,352	\$55.72	\$465,373	13,257
Medical and I C	Medical and Dental LabsC	C	2,132 x	88% x	30% x			21		\$399	55
Medical and [D	Medical and Dental LabsD	D	240,392 x	100% x	30% x			2,686		\$68.198	7.068
Home Health	Home Health	Home Health	210,002 X	10070 X	0070 X	0.00 X	0.00%	2,000	\$20.00	ψου, του	7,000
Home Health A	Home HealthA	Category A	306,068 x	77% x	38% x	0.63 x		12,582	\$55.72	\$701,069	19.971
Home Health C	Home HealthC	C	4,524 x	100% x	30% x			51		\$970	134
Home Health D	Home HealthD	D	9,501 x	88% x	82% x			586		\$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 Rehabili A	Drug RehabilitationA	Category A	6,067 x	49% x	56% x			162		\$9,027	257
Drug Rehabili C	Drug RehabilitationC	C	149 x	35% x	100% x	0.38 x		4		\$76	11
Drug Rehabili D	Drug RehabilitationD	D	506 x	100% x	30% x	0.38 x		7	\$25.39	\$178	18
Government Clinics	Government Clinics	Government Clinics					0.00%				
Government (A	Government ClinicsA	Category A	52,156 x	57% x	52% x			1,315		\$73,272	2,087
Government (C	Government ClinicsC	С	381 x	67% x	33% x			3		\$57	8
Government D	Government ClinicsD	D	3,808 x	37% x	65% x	0.38 x		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			754		\$42,013	1,197
Blood/Plasma C	Blood/Plasma/Tissue CentersC	C	405 x	80% x	30% x			4	Ψ.0.0 <u>-</u>	\$76	11
Blood/Plasma D	Blood/Plasma/Tissue CentersD	D	789 x	51% x	44% x	0.38 x		15	\$25.39	\$381	39
Residential C are (75% employee Residential C A	Residential Care (75% employees on- site)	Residential Care (75% employees on- site)	53.569 x	73% x	50% x	0.63 x	0.00% 24.30%	2,993	\$55.72	\$166,770	4.754
Residential C C	Residential Care (75% employees on- site)A	Category A C	1,479 x	100% x	50% x			2,993		\$100,770	4,751 74
Residential C D	Residential Care (75% employees on- site)C Residential Care (75% employees on- site)D	D	8,778 x	42% x	50% x			69		\$1,752	74 182
	Residential Care (25% employees off-site)	Residential Care (25% employees off-site)	0,770 X	42 /0 X	30 % X	U.30 X	0.00%	08	\$25.59	\$1,732	102
Residential C A	Residential Care (25% employees off-site)A	Category A	17,856 x	73% x	50% x	1.92 x		3,041	\$55.72	\$169,445	1,584
Residential C C	Residential Care (25% employees off-site)C	C C	493 x	100% x	50% X			3,041		\$761	24
Residential C D	Residential Care (25% employees off-site)D	D	2,926 x	42% x	50% x			101		\$2,564	60
Personal Services	Personal Services	Personal Services	2,020 X	4270 X	0070 X	1.07 X	0.00%	101	Ψ20.00	Ψ2,004	00
Personnel Se A	Personnel ServicesA	Category A	61,387 x	88% x	30% x	1.92 x		2,707	\$55.72	\$150,834	1,410
Personnel Se D	Personnel ServicesD	D D	102,090 x	100% x	30% x		9.80%	5,012		\$127,255	3,001
Funeral Services	Funeral Services	Funeral Services	.02,000 X	.0070 X	3370 X	1.57 X	0.00%	3,012	. 420.00	ψ.Σ.,200	0,001
Funeral Servi A	Funeral ServicesA	Category A	53,408 x	65% x	49% x	1.92 x		4,213	\$55.72	\$234,748	2.194
Funeral Servi C	Funeral ServicesC	C	2,846 x	100% x	50% x			233		\$4,432	140
Funeral Servi D	Funeral ServicesD	D	3,387 x	100% x	30% x			166		\$4,215	99
Health Units in Industry	Health Units in Industry	Health Units in Industry	-,-01 X		-570 X		0.00%		+	Ţ., <u>_</u> .0	
Health Units i A	Health Units in IndustryA	Category A	34,184 x	70% x	43% x	1.92 x		3,852	\$55.72	\$214,633	2,006
	•							.,	-		

Health Units i B	Health Units in IndustryB	В	141,051 x	83% x	30% x	1.92 x	9.80%	6,608	\$29.36	\$194,011	3,442
Health Units i D	Health Units in IndustryD	D	3,497 x	30% x	30% x	1.67 x	12.90%	68	\$25.39	\$1,727	41
Research Labs	Research Labs	Research Labs					0.00%				
Research Lat A	Research LabsA	Category A	87,484 x	54% x	65% x	1.92 x	12.90%	7,605	\$55.72	\$423,751	3,961
Research Lat C	Research LabsC	С	1,315 x	79% x	31% x	1.67 x	9.80%	53	\$19.02	\$1,008	32
Research Lat D	Research LabsD	D	352 x	54% x	65% x	1.67 x	12.90%	27	\$25.39	\$686	16
Linen Service	Linen Service	Linen Service					0.00%				
Linen Service D	Linen ServiceD	D	56,000 x	100% x	30% x	1.67 x	9.80%	2,749	\$25.39	\$69,797	1,646
Medical Equipment Repair	Medical Equipment Repair	Medical Equipment Repair					0.00%				
Medical Equit A	Medical Equipment RepairA	Category A	473 x	84% x	30% x	1.92 x	22.50%	51	\$55.72	\$2,842	27
Medical Equit B	Medical Equipment RepairB	В	200 x	90% x	30% x	1.92 x	12.90%	13	\$29.36	\$382	7
Medical Equit C	Medical Equipment RepairC	С	5,152 x	92% x	30% x	1.67 x	12.90%	306	\$19.02	\$5,820	183
Medical Equip D	Medical Equipment RepairD	D	360 x	100% x	30% x	1.67 x	22.50%	41	\$25.39	\$1,041	25
Law Enforcement	Law Enforcement	Law Enforcement					0.00%				
Law Enforcer A	Law EnforcementA	Category A	477,334 x	83% x	30% x	0.63 x	7.80%	5,841	\$55.72	\$325,461	9,271
Law Enforcer B	Law EnforcementB	В	1,769 x	47% x	83% x	0.63 x	9.80%	43	\$29.36	\$1,262	68
Law Enforcer C	Law EnforcementC	С	4,072 x	98% x	30% x	0.38 x	7.80%	35	\$19.02	\$666	92
Law Enforcer D	Law EnforcementD	D	48,270 x	77% x	30% x	0.38 x	12.90%	547	\$25.39	\$13,888	1,439
Fire and Rescue	Fire and Rescue	Fire and Rescue					0.00%				
Fire and Rest A	Fire and RescueA	Category A	191,104 x	34% x	68% x	1.92 x	12.90%	10,943	\$55.72	\$609,744	5,699
Fire and Rest B	Fire and RescueB	В	228,944 x	44% x	69% x	1.92 x	22.50%	30,027	\$29.36	\$881,593	15,639
Fire and Resc D	Fire and RescueD	D	2,971 x	31% x	73% x	1.67 x	7.80%	88	\$25.39	\$2,234	53
Correctional Facilities	Correctional Facilities	Correctional Facilities					0.00%				
Correctional F A	Correctional FacilitiesA	Category A	19,628 x	79% x	42% x	0.63 x	19.50%	800	\$55.72	\$44,576	1,270
Correctional F B	Correctional FacilitiesB	В	194,108 x	97% x	30% x	0.63 x	12.90%	4,591	\$29.36	\$134,792	7,287
Correctional F C	Correctional FacilitiesC	С	17,033 x	90% x	30% x	0.38 x	17.70%	309	\$19.02	\$5,877	813
Correctional F D	Correctional FacilitiesD	D	50,790 x	98% x	30% x	0.38 x	7.80%	443	\$25.39	\$11,248	1,166
Lifesaving	Lifesaving	Lifesaving					0.00%				
Lifesaving A	LifesavingA	Category A	5,000 x	75% x	68% x	1.92 x	12.90%	632	\$55.72	\$35,215	329
Schools	Schools	Schools					0.00%				
Schools A	SchoolsA	Category A	23,514 x	100% x	30% x	1.92 x	15.00%	2,032	\$55.72	\$113,223	1,058
Schools D	SchoolsD	D	17,848 x	100% x	30% x	1.67 x	22.50%	2,012	\$25.39	\$51,085	1,205
Waste Removal	Waste Removal	Waste Removal					0.00%				
Waste Remor A	Waste RemovalA	Category A	13,300 x	100% x	30% x	1.92 x	22.50%	1,724	\$55.72	\$96,061	898
		Total						269,012		\$13,072,522	323,879
Dollar costs maynot reflect the	total of cost x hours as a result of rounding.	8,399,358									

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

Healthcare

Non-

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 tither is \$90; for vaccination and post-vaccination total is \$21f
Wage Rate for Health Care Professional is \$47.36

			Non-	Formularing	Desfersional	0					
0	0	F	Vaccination	Employee	Professional	Occupational					_
SectorCategory	Sector/Employment Category	Employees	Rate	Participation Rate	Time	Turnover Rate	Burden Hours	N	o. 12	No. 13	Responses
	Office of the Physicians										
Office of the PhysiciansA	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)	1,000	3070	0070	0.20 X	0.00%			ψ1,070		100
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)A	C C	32,026	67%	50%	0.5 x 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	010,000	0370	4470	0.20 X	0.00%		2,012	Ψ121,013		3,400
		276 866	58%	64%	0.5			0.000	\$338,212		13,258
Medical and Dental LabsA	Category A	276,866			0.5 x	12.90%		6,629			
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	С	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			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
		21	100%	30%	0.25 X			U	\$0		U
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	230	4070	0070	0.23 X	0.00%		2	ψ10Z		0
		2.227	100/	500/	2.5			400	00.504		050
Drug RehabilitationA	Category A	6,067	49%	56%	0.5 x			128	\$6,531		256
Drug RehabilitationC	С	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	Category A	405	80%	30%	0.25 x	9.80%		2	\$102		1,190
	n										
Blood/Plasma/Tissue CentersD	5	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	B	2,926	42%	50%	\$128 x	9.80%				\$7,708	
Personnel Services	Personnel Services	2,920	42 /0	30 /0	ψ120 X	0.00%				φ1,100	
Personnel ServicesA		61.387	88%	30%	\$218 x	8.70%				\$307,366	
	Category A										
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	
		3,491	30%	30%	φ126 X					φυ, 197	
Research Labs	Research Labs	07.404	5401	0501	0010	0.00%				****	
Research LabsA	Category A	87,484	54%	65%	\$218 x	12.90%				\$863,539	

Research LabsC	С	1,315	79%	31%	\$128 x	9.80%			\$4,040	
Research LabsD	D	352	54%	65%	\$128 x	12.90%			\$2,040	
Linen Service	Linen Service					0.00%				
Linen ServiceD	D	56,000	100%	30%	\$128 x	9.80%			\$210,739	
Medical Equipment Repair	Medical Equipment Repair					0.00%				
Medical Equipment RepairA	Category A	473	84%	30%	\$218 x	22.50%			\$5,847	
Medical Equipment RepairB	В	200	90%	30%	\$218 x	12.90%			\$1,519	
Medical Equipment RepairC	С	5,152	92%	30%	\$128 x	12.90%			\$23,479	
Medical Equipment RepairD	D	360	100%	30%	\$128 x	22.50%			\$3,110	
Law Enforcement	Law Enforcement					0.00%				
Law EnforcementA	Category A	477,334	83%	30%	0.5 x	7.80%	4,635	\$236,478		9,270
Law EnforcementB	В	1,769	47%	83%	0.25 x	9.80%	17	\$867		68
Law EnforcementC	С	4,072	98%	30%	0.25 x	7.80%	23	\$1,173		92
Law EnforcementD	D	48,270	77%	30%	0.25	12.90%	360	\$18,367		1,440
Fire and Rescue	Fire and Rescue					0.00%				
Fire and RescueA	Category A	191,104	34%	68%	\$218 x	12.90%			\$1,242,521	
Fire and RescueB	В	228,944	44%	69%	\$218 x	22.50%			\$3,409,331	
Fire and RescueD	D	2,971	31%	73%	\$128 x	7.80%			\$6,712	
Correctional Facilities	Correctional Facilities					0.00%				
Correctional FacilitiesA	Category A	19,628	79%	42%	0.5 x	19.50%	635	\$32,398		1,270
Correctional FacilitiesB	В	194,108	97%	30%	0.25 x	12.90%	1,822	\$92,958		7,288
Correctional FacilitiesC	С	17,033	90%	30%	0.25 x	17.70%	204	\$10,408		816
Correctional FacilitiesD	D	50,790	98%	30%	0.25 x	7.80%	291	\$14,847		1,164
Lifesaving	Lifesaving					0.00%				
LifesavingA	Category A	5,000	75%	68%	\$218 x	12.90%			\$71,711	
Schools	Schools					0.00%				
SchoolsA	Category A	23,514	100%	30%	\$218 x	15.00%			\$230,672	
SchoolsD	D	17,848	100%	30%	\$128 x	22.50%			\$154,207	
Waste Removal	Waste Removal					0.00%				
Waste RemovalA	Category A	13,300	100%	30%	\$128 x	22.50%			\$114,912	
	Totals						123,832	\$6,317,908	\$11,382,628	267,020

8,399,358

4-1 Hours titem 13 Responses
1 2,022.994 2,623.675 477.725

Hours
1 Rem 13 Responses
1 Rem 12 Rem 13 Responses
1 Rem 13 Responses
1 Rem 13 Responses
1 S245.341 51.201.832 63.974

HIM Source Testing Health Care Professional Time
Hours # of exposures source participation rate x (cold of HIV antibody leat) + (RSS x (cost of confirmatory test))
Assumptions:
50% of sources will agree to be tested; 50% will refuse to be tested
5 minutes (C0 hour) will be required to administer the feats.
The state of the state

Table 4 - 1

Sector	Exposures	Source Participation	Hours/HIV Antibody Test	Hours	Confirmator y Test	Hours	#12	#13	Responses
		Rate	Cost		y rest				
Offices of Physicians	179,493	50%	0.083			7,449	\$380,048		89,747
Offices of Dentists	322,560	50%	0.083			13,386	\$682,954		161,277
Nursing Homes	45,384	50%	0.083			1,883	\$96,071		22,687
Hospitals	319,827	50%	0.083			13,273	\$677,188		159,916
Medical and Dental Labs	5,664	50%	0.083			235	\$11,990		2,831
Home Health Care	8,819	50%	0.083			366	\$18,673		4,410
Hospices	899	50%	0.083			37	\$1,888		446
Hemodialysis	5,302	50%	0.083			220	\$11,224		2,651
Drug Rehabilitation	283	50%	0.083			12	\$612		145
Government Clinics	16,013	50%	0.083			665	\$33,928		8,012
Blood/Plasma/Tissue Centers	6,789	50%	0.083			282	\$14,388		3,398
Residential Care	7,809	50%	0.083			324	\$16,530		3,904
Personnel Services	2,993	50%	\$20	0.08	\$30			\$33,522	
Funeral Services	11,735	50%	\$20	0.08	\$30			\$131,432	
Health Units in Industry	186,835	50%	\$20	0.08	\$30			\$2,092,552	
Research Labs	494	50%	\$20	0.08	\$30			\$5,533	
Linen Services	3,000	50%	\$20	0.08	\$30			\$33,600	
Medical Equipment Repair	2,625	50%	\$20	0.08	\$30			\$29,400	
Law Enforcement	27,411	50%	0.083			1,138	\$58,061		13,711
Fire and Rescue	13,426	50%	\$20	0.08	\$30			\$150,371	
Correctional Facilities	9,173	50%	0.083			381	\$19,439		4,590
Lifesaving	457	50%	\$20	0.08	\$30			\$5,118	
Schools	12,642	50%	\$20	0.08	\$30			\$141,590	
Waste Removal	50	50%	\$20	0.08	\$30			\$560	
						39,651	\$2,022,994	\$2,623,678	477,725
	1,189,683	50%							

HBV Source Testing
(Heath Professional Time)
HBV Source Testing
HBV Sourc

cost of antigen test = \$30.00																				
Office of Physicians	Office of Physicians	Exposures		% Vaccinated	Employee Participation Rate	Non- respon se Rate	Source Acceptance Rate		One	% Vaccinated	Source Accepta Rate	ince	Health Professional Time	One	Compliance Rate	Wage	HOURS	Cost #12	Cost#13 RE	SPONSES
Office of the PhysiciansA	Category A	179,493	x[(73%	10%	4%	50%)+((1	73%		50%)]x	0.083 x (1 -	22%	55.72	1,586	\$88,372		19108
Office of the PhysiciansC	C	0	×1(55%	10%	4%	50%)+((1	1 55%		50%)]x	0.083 x (1 -	22%	19.02	0	\$0		0
Office of the PhysiciansD	D	0) j x	87%	10%	4%	50%)+((1	1 87%		50%)]x	0.083 x (1 -	22%	25.39	0	\$0		0
Office of Dentists	Office of Dentists																			
Office of DentistsA	Category A	279,485	x[(92%	10%	4%	50%)+((1	92%		50%)]x	0.083 x (1 -	5%	55.72	922	\$51,374		11108
Office of DentistsC	c ,	43.075)]×	44%	10%	4%	50%)+((1 44%		50%)]x	0.083 x (1 -	5%	19.02	954	\$18,145		11494
Nursing Homes	Nursing Homes											,,								
Nursing HomesA	Category A	35.746	×[(38%	10%	4%	50%)+((1 38%		50%)1x	0.083 x (1 -	34%	55.72	609	\$33.933		7337
Nursing HomesC	C	5.002)1x	31%	10%	4%	50%)+((-	1 31%		50%)]x	0.083 x (1 -	34%	19.02	95	\$1.807		1145
Nursing HomesD	Ď	4,636)]×	30%	10%	4%	50%)+((-	1 30%		50%)]x	0.083 x (1 -	34%	25.39	89	\$2,260		1072
Hospitals	Hospitals	-,										,,						**,***		
HospitalsA	Category A	254.449	11	77%	10%	4%	50%)+((4	1 77%		50%)]x	0.083 x (1 -	83%	55.72	418	\$23,291		5036
HospitalsB	R R	34.579)]x	77%	10%	4%	50%)+((72%		50%)1x	0.083 x (1-	83%	29.36	69	\$2.026		831
HospitalsC	Č	30.799)1x	62%	10%	4%	50%)+((- :		1 62%		50%)]x	0.083 x (1-	83%	19.02	83	\$1.579		1000
Medical and Dental Labs	Medical and Dental Lab		~!/	0270	10.0	4.0	00.0) . ((02.70		0070 / J X	0.000 x (0070	10.02	00	Ψ1,010		1000
Medical and Dental LabsA	Category A	5,177	×[(79%	10%	4%	50%)+((4	1 79%		50%)]x	0.083 x (1 -	69%	55.72	14	\$780		169
Medical and Dental LabsC	C	0,117)]x	38%	10%	4%	50%)+((1 38%		50%)]x	0.083 x (1-	69%	19.02		\$0		.00
Medical and Dental LabsD	Ď.	487	×[(30%	10%	4%	50%)+((1 30%		50%)]x	0.083 x (1-	69%	25.39	4	\$102		48
Home Health	Home Health Care	407	×1(3076	10.0	4.70	3070) + ((30 /0		30 /0 / J X	0.003 X (0576	20.35	*	9102		40
Home HealthA	Category A	6.244)1x	52%	10%	4%	50%)+((1 52%		50%)1x	0.083 x (1 -	32%	55.72	85	\$4.736		1024
Home HealthC	Category A	0,244)1x	30%	10%	4%	50%)+((- :		1 30%		50%)]x	0.083 x (1 -	32%	19.02	0.0	\$4,730		1024
Home HealthD	D	2.575)]×	84%	10%	4%	50%)+((- :		1 84%		50%)]x	0.083 x (1-	32%	25.39	12	\$305		145
Hospices	Hospices	2,010	×1.(0470	10.49	4 70	3070)+((0470		30 /0 / J X	0.065 X (32.70	20.35	12	\$300		140
HospicesA	Category A	684	×[(58%	10%	4%	50%)+((1 58%		50%)]x	0.083 x (1 -	42%	55.72	7	\$390		84
HospicesC	Category A	004)1x	82%	10%	4%	50%)+((- :		1 82%		50%)]x	0.083 x (1-	42%	19.02	ń	\$0		04
HospicesD	D	215	x[(30%	10%	4%	50%)+((1 30%		50%)]x	0.083 x (1-	42%	25.39	4	\$102		48
Hemodialvsis	Hemodialysis	215	x [(30%	10%	470	50%)+((3076		30%) j x	U.U63 X (1 -	4276	25.39	4	\$102		40
HemodialysisA	Category A	4.684	x[(92%	10%	4%	50%)+((1 92%		50%)]x	0.083 x (1 -	96%	55.72	4	\$56		12
HemodialysisC	Category A	477) 1×	68%	10%	4%	50%)+((- :		1 68%		50%)]x	0.083 x (1-	96%	19.02	'n	\$0		12
HemodialysisD	n	141)1x	81%	10%	4%	50%)+((- :		1 81%		50%)]x	0.083 x (1 -	96%	25.39	0	\$0		0
Drug Rehabilitation	Drug Rehabilitation	141	×1(0170	10.0	4.70	3070) + ((0170		30 /0 / J X	0.003 X (50 /6	20.35		40		
Drug RehabilitationA	Category A	283	×[(78%	10%	4%	50%)+((1 78%		50%)]x	0.083 x (1 -	82%	55.72	0	\$0		n
Drug RehabilitationC	C	0)]x	100%	10%	4%	50%)+((1 100%		50%)]x	0.083 x (1 -	82%	19.02	0	\$0		
Drug RehabilitationD	0	0)]×	30%	10%	4%	50%)+((1 30%		50%)]x	0.083 x (1-	82%	25.39	0	\$0		0
Government Clinics	Govennment Clinics	0	×1(3076	10.0	4.70	3070) + ((30.49		30 /0 / J X	0.003 X (02.70	20.35		40		
Government ClinicsA	Category A	16.013)]x	73%	10%	4%	50%)+((1 73%		50%)1x	0.083 x (1 -	22%	55.72	141	\$7.857		1699
Government ClinicsC	C	10,010) 1×	55%	10%	4%	50%)+((1 55%		50%)1x	0.083 x (1 -	22%	19.02		\$0		0.000
Government ClinicsD	Ď.	0	×[(87%	10%	4%	50%)+((-	1 87%		50%)]x	0.083 x (1 -	22%	25.39	0	\$0		n
Blood/Plasma/Tissue Centers	Blood/Plasma/Tissue Ce		~!/	0170	10.0	4.0	00.0) . ((0070 / J X	0.000 x (22.70	20.00		40		
Blood/Plasma/Tissue CentersA	Category A	6.453	x[(65%	10%	4%	50%)+((1	1 65%		50%)]x	0.083 x (1 -	100%	55.72	0	\$0		0
Blood/Plasma/Tissue CentersC	C	139)]×	44%	10%	4%	50%)+((-	1 44%		50%)]x	0.083 x (1 -	100%	19.02	ō	\$0		ñ
Blood/Plasma/Tissue CentersD	D	197	×[(71%	10%	4%	50%)+((71%		50%)]x	0.083 x (1 -	100%	25.39	0	\$0		0
Residential Care	Residential Care											,,								
Residential CareA	Category A	4.850	x[(64%	10%	4%	50%)+((1 64%		50%)]x	0.083 x (1 -	85%	55.72	11	\$613		133
Residential CareB	c ,	388)1×	30%	10%	4%	50%)+((1 30%		50%)]x	0.083 x (1 -	85%	19.02	2	\$38		24
Residential CareD	Ď	2,571)]×	73%	10%	4%	50%)+((-	73%		50%)]x	0.083 x (1 -	85%	25.39	4	\$102		48
Personal Services	Personnel Services											,,								
Personal ServicesA	Category A	2.993	x[(38%	10%	4%	50%)+((1 38%		50%)]x	\$30.00 x (1 -	61%	55.72			\$10,882	
Personal ServicesD	D.	0	×[(30%	10%	4%	50%)+((1 30%		50%)]x	\$30.00 x (1 -	0%	25.39			\$0	
Funeral Services	Funeral Services	-										,,	*******						**	
Funeral ServicesA	Category A	11,735	x[(67%	10%	4%	50%)+((1 67%		50%)]x	\$30.00 x (1 -	13%	55.72			\$50,947	
Funeral ServicesC	C	0)]×	30%	10%	4%	50%)+((-	1 30%		50%)1x	\$30.00 x (1 -	13%	19.02			\$0	
Funeral ServicesD	Ď	ň) 1×	64%	10%	4%	50%)+((1 64%		50%)]x	\$30.00 x (1 -	13%	25.39			\$0	
Health Units in Industry	Health Units in Industry	-										,,	*******						**	
Health Units in IndustryA	Category A	186.835	x[(60%	10%	4%	50%)+((4	1 60%		50%)]x	\$30.00 x (1 -	14%	55.72			\$969.853	
Health Units in IndustryB	B	0)]×	42%	10%	4%	50%)+((-	1 42%		50%)]x	\$30.00 x (1 -	14%	29.36			\$0	
Health Units in IndustryD	č	ň	11x	30%	10%	4%	50%)+((1 30%		50%)]x	\$30.00 x (1 -	14%	19.02			\$0	
Research Labs	Research Labs	•	~!!	5070	10.4		00.0 / . ((. 3070		/1^	400.00 A (, -	1-70	15.02				
Research LabsA	Category A	494	x[(81%	10%	4%	50%)+((1 81%		50%)]x	\$30.00 x (1 -	30%	55.72			\$1,002	
Research LabsC	Category A	494	x[(42%	10%	4%	50%)+((- :		1 45%		50%)]x	\$30.00 x (1-	30%	19.02			\$1,002	
Research LabsD	D	0) 1×	81%	10%	4%	50%)+((1 81%		50%)]x	\$30.00 x (1 -	30%	25.39			\$0	
Linen Service	Linen Service	U	x [(0176	10%	476	50%)+((0170		30 /0 / J X	φ30.00 X (1 -	30%	25.39			\$0	
Linen ServiceD	Cateory D	3,000	x[(30%	10%	4%	50%)+((1 30%		50%)]x	\$30.00 x (1 -	90%				\$3,155	
Ellian Garrioto	Outcory D	5,500	× [(3076	10.0	4 70	3070)+((. 3076		0070 / J X	\$50.00 X (50 /6				90,100	

Medical Equipment Repair Medical Equipment RepairA Medical Equipment RepairB Medical Equipment RepairC Medical Equipment RepairD Law Enforcement	Medical Equipment Repair Category A B C D Law Enforcement	0 0 161 2,464	x[(x[(x[(41% 37% 36% 30%	10% 10% 10% 10%	4% 4% 4% 4%	50%) + ((50%) + ((50%) + ((50%) + ((:	1 1 1	41% 37% 36% 30%	50%)]x 50%)]x 50%)]x 50%)]x	\$30.00 x (\$30.00 x (\$30.00 x (\$30.00 x (1 - 1 - 1 - 1 -	0% 0% 0% 0%	55.72 29.36 19.02 25.39			\$0 \$0 \$1,549 \$25,916	
Law EnforcementA Law EnforcementB Law EnforcementC Law EnforcementD	Category A B C D	18,933 2,770 1,444 4,204	x[(x[(x[(x[(42% 92% 31% 46%	10% 10% 10% 10%	4% 4% 4% 4%	50%) + ((50%) + ((50%) + ((50%) + ((1 1 1	42% 92% 31% 46%	50%)]x 50%)]x 50%)]x 50%)]x	0.083 x (0.083 x (0.083 x (0.083 x (1 - 1 - 1 - 1 -	91% 91% 91% 91%	55.72 29.36 19.02 25.39	41 1 4 9	\$2,285 \$29 \$76 \$229		494 12 48 108
Fire and Rescue Fire and RescueA Fire and RescueB Fire and RescueD Correctional Facilities	Fire and Rescue Category A B D Correctional Facilities	10,411 857 2,158	x[(x[(x[(89% 86% 92%	10% 10% 10%	4% 4% 4%	50%) + ((50%) + ((50%) + ((:	1 1 1	89% 86% 92%	50%)]x 50%)]x 50%)]x	\$30.00 x (\$30.00 x (\$30.00 x (1 - 1 - 1 -	82% 82% 82%	55.72 29.36 25.39			\$3,192 \$332 \$488	
Correctional FacilitiesA Correctional FacilitiesB Correctional FacilitiesC Correctional FacilitiesD	Category A B C D	3,034 1,887 459 3,793	x[(x[(x[(54% 32% 30% 31%	10% 10% 10% 10%	4% 4% 4% 4%	50%) + ((50%) + ((50%) + ((50%) + ((:	1 1 1	54% 32% 30% 30%	50%)]x 50%)]x 50%]]x 50%)]x	0.083 x (0.083 x (0.083 x (0.083 x (1 - 1 - 1 - 1 -	38% 38% 38% 38%	55.72 29.36 19.02 25.39	36 33 8 68	\$2,006 \$969 \$152 \$1,727		434 398 96 819
Lifesaving LifesavingA Schools SchoolsA SchoolsD	Lifesaving Category A Schools Category A D	457 6,321 6.321	x[(x[(x[(76% 30% 30%	10% 10% 10%	4% 4% 4%	50%) + ((50%) + ((50%) + ((:	1 1	76% 30% 30%	50%)]x 50%)]x 50%)]x	\$30.00 x (\$30.00 x (\$30.00 x (1 -	50% 0% 0%	55.72 55.72 25.39			\$833 \$66,484 \$66,484	
Waste Removal Waste RemovalA	Waste Removal Category A	50	×[(30%	10%	4%	50%)+((-	1	30%	50%)]x	\$30.00 x (1 -	50%	55.72	5,310	\$245,341	\$263 \$1,201,382	63,974

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.

10% of vaccinated employees will recei			Share of Vaccinated Employees		Table 5		Burden			
Sector	Exposures	% Vaccinated	Employee Time	Receiving Tests	One	Compliance Rate	Wage Rates	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
С	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 -	,	\$55.72	2,666	\$148,550	20,828
С	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 -	,	\$55.72	120	\$6,686	938
С	5,002 x	31% x	0.128 x	0.1 x (1 -	,	\$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
В	34,579 x	77% x	0.128 x	0.1 x (1 -	,	\$29.36	82	\$2,408	641
С	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 -	,	\$55.72	7	\$390	55
С	0 x	38% x	0.128 x	0.1 x (1 -	,	\$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 -	,	\$55.72	14	\$780	109
С	0 x	30% x	0.128 x	0.1 x (1 -	,	\$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 -	,	\$55.72	2	\$111	16
С	0 x	82% x	0.128 x	0.1 x (1 -	,	\$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		0.1 x (1 -	,	\$55.72	4	\$223	31
С	477 x	68% x		0.1 x (1 -	,	\$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
С	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
В	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
С	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
В	0 x	37% x	0.5 x	0.1 x (1 -	26%) =	\$29.36	0	\$0	0
С	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
В	2,770 x	92% x	0.128 x	0.1 x (1 -	96%) =	\$29.36	1	\$29	8
С	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
В	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
В	1,887 x	32% x	0.128 x	0.1 x (1 -	39%) =	\$29.36	5	\$147	39
С	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
Total								11,402	\$616,494	53,119

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:

			Health Care Professional	Employee Participation	One Minus % Not				
Office of Physicans	Exposures	% Vaccinated	Time	rate	Vaccinated	% Vaccinated	Hours	Item 12 Cost	#13 Cost RESPONSES
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		(1 - 27%)	73%	0	\$0	0
D	0 x	87% x	0.083 x	0.1 x	(1 - 27%)	73%	0	\$0	0
Office Of Dentists					,				
A	279,485 x	92% x	0.083 x	0.1 x	(1 - 19%)	81%	1729	\$88,214	20,831
С	43,075 x	44% x	0.083 x	0.1 x	(1 - 19%)	81%	127	\$6,480	1,530
Nursing Homes									
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
Hospitals									
Category A	254,449 x	77% x	0.083 x	0.1 x	(1 - 76%)	24%	390	\$19,898	4,699
В	34,579 x	77% x	0.083 x	0.1 x	(1 - 76%)	24%	53	\$2,704	639
С	30,799 x	62% x	0.083 x	0.1 x	(1 - 76%)	24%	38	\$1,939	458
Medical and Dental Labs									
Category A	5,177 x	79% x	0.083 x	0.1 x	(1 - 86%)	14%	5	\$255	60
В	0 x	38% x	0.083 x	0.1 x	(1 - 86%)	14%	0	\$0	0
С	487 x	30% x	0.083 x	0.1 x	(1 - 86%)	14%	0	\$0	0
Home Health									
Category A	6,244 x	52% x	0.083 x	0.1 x	(1 - 67%)	33%	9	\$459	108
С	0 x	30% x	0.083 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
Hospices									
Category A	684 x	58% x	0.083 x	0.1 x	(1 - 60%)	40%	1	\$51	12
С	0	82%	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
Hemodialysis									
Category A	4,684	92%	0.083 x		(1 - 93%)	7%	3	\$153	36
С	477	58%	0.083 x		(1 - 93%)	7%	0	\$0	0
D	141	81%	0.083 x	0.1 x	(1 - 93%)	7%	0	\$0	0
Drug Rehabilitation									
Category A	283	78%	0.083 x		(1 - 77%)	23%	0	\$0	0
С	0	100%	0.083 x		(1 - 77%)	23%	0	\$0	0
D	0	30%	0.083 x	0.1 x	(1 - 77%)	23%	0	\$0	0
Government Clinics									
Category A	16,013	73% x	0.083 x		(1 - 27%)	73%	71	\$3,622	855
C	0	55% x	0.083 x		(1 - 27%)	73%	0	\$0	0
D St. UBL ST. O	0	87% x	0.083 x	0.1 x	(1 - 27%)	73%	0	\$0	0
Blood/Plasma/Tissue Centers	0.450	050/	0.000		(4 000()	2.10/		2010	
Category A	6,453 x	65% x	0.083 x		(1 - 66%)	34%	12		145
C	139 x	44% x	0.083 x		(1 - 66%)	34%	0	\$0	0
D	197 x	51% x	0.083 x	0.1 x	(1 - 66%)	34%	0	\$0	0
Residential Care	4.050	240/	0.000		(4 000()	2.101		0010	
Category A	4,850 x	64% x	0.083 x		(1 - 39%)	61%	16	\$816	193
C	388 x	30% x	0.083 x		(1 - 39%)	61%	1	\$51	12 120
D	2,571 x	73% x	0.083 x	U.1 X	(1 - 39%)	61%	10	\$510	120

^{*} 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%

Personnel Services									
Category A	2,993 x	38% x	\$30.00 x	0.1 x (1 - 83%)	17%			\$580	
D	0 x	30% x	\$30.00 x	0.1 x (1 - 0%)	100%			\$0	
Funeral Services				,					
Category A	11,735 x	67% x	\$30.00 x	0.1 x (1 - 31%)	69%			\$16,275	
C	0 x	30% x	\$30.00 x	0.1 x (1 - 31%)	69%			\$0	
D	0 x	64% x	\$30.00 x	0.1 x (1 - 31%)	69%			\$0	
Health Units in Industry				,					
Category A	186,835 x	60% x	\$30.00 x	0.1 x (1 - 2%)	98%		\$	329,577	
В	0 x	42% x	\$30.00 x	0.1 x (1 - 2%)	98%		•	\$0	
C	0 x	30% x	\$30.00 x	0.1 x (1 - 2%)	98%			\$0	
Research Labs	• ~	55 % X	φου.σο χ	0 x (. 270)	0070			40	
Category A	494 x	81% x	\$30.00 x	0.1 x (1 - 70%)	30%			\$360	
C	0 x	45% x	\$30.00 x	0.1 x (1 - 70%)	30%			\$0	
D	0 x	81% x	\$30.00 x	0.1 x (1 - 70%)	30%			\$0	
Linen Services	0 X	0170 X	ψοσ.σσ χ	0.1 X (1 70%)	0070			ΨΟ	
Category D	3,000 x	30% x	\$30.00 x	0.1 x (1 - 90%)	10%			\$270	
Medical Equipment Repair	0,000 X	30 % X	Ψ00.00 Χ	0.1 x (1 - 3070)	1070			ΨΖΙΟ	
Category A	0	41% x	\$30.00 x	0.1 x (1 - 26%)	74%			\$0	
B	0	37% x	\$30.00 x	0.1 x (1 - 26%)	74%			\$0 \$0	
C	161	36% x	\$30.00 x	0.1 x (1 - 26%)	74%			\$129	
D	2,464	30% x	\$30.00 X	0.1 x (1 - 26%)	74%			\$1,641	
Law Enforcement	2,404	30 % X	\$30.00 X	0.1 X (1 - 20%)	7470			φ1,041	
Category A	18,993	42% x	0.083 x	0.1 x (1 - 96%)	4%	3	\$153		36
B	2,770	92% x	0.083 x	0.1 x (1 - 96%)	4%	1	\$51		12
C	1,444	31% x	0.083 x	0.1 x (1 - 96%)	4%	0	\$0		0
D	4,204	46% x	0.083 x	,	4%	1	\$51		12
Fire and Rescure	4,204	40% X	0.063 X	0.1 x (1 - 96%)	470		фЭТ		12
	40.444	89%	#20.00	0.4 (4. 740/)	29%			CO OC4	
Category A	10,411 857	86%	\$30.00 x \$30.00 x	0.1 x (1 - 71%)				\$8,061 \$641	
B D				0.1 x (1 - 71%)	29%				
=	2,158	92%	\$30.00 x	0.1 x (1 - 71%)	29%			\$1,727	
Correctional Facilities	0.004	= 40/	0.000	0.4 (4.000()	=00 /	4.0	^ =40		400
Category A	3,034	54%	0.083 x	0.1 x (1 - 30%)	70%	10	\$510		120
В	1,887	32%	0.083 x	0.1 x (1 - 30%)	70%	4	\$204		48
С	459	30%	0.083 x	0.1 x (1 - 30%)	70%	1	\$51		12
D	3,793	31%	0.083 x	0.1 x (1 - 30%)	70%	7	\$357		84
Lifesaving									
Category A	457	76%	\$30.00 x	0.1 x (1 - 50%)	50%			\$521	
Schools									
Category A	6,321	30%	\$30.00 x	0.1 x (1 - 0%)	100%			\$5,689	
D	6,321	30%	\$30.00 x	0.1 x (1 - 0%)	100%			\$5,689	
Waste Removal									
Category D	50	30%	\$30.00 x	0.1 x (1 - 50%)	50%			\$23	
Total						3,387	\$172,804 \$	371,183	40,804
	1,189,683								

Item 12 1,617 Hours Item 13 Responses \$83,592 NA 5,775

HBV Antibody Testing for Non-Vaccinated Workers (Employee Time)

HOURS = # exposures x (1-% vaccinated) x employee time x (source participation rate x RSS + sources refusing test x % exposures attributable to high risk group) x (1-compliance rate) This assumes that no previously non-vaccinated where required to receive the HBV vaccination.
 This assumes that no previously non-vaccinated worker was offered and declined free vaccination.
 Employee time is equivalent to 1/3 of the time required to receive the HBV vaccination.

- * 50% of sources will agree to be tested: 50% of sources will refuse to be tested.
- Sources will agree to be tested: 50% or sources will retuse to be tested.

 For exposures where the source agree 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.

Law Enforcement

- 5% of exposures are attributable to a matter of a high risk group.
 For classes where the sources refuse 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.

				Employee	Source Participa		Sources	% Exposures Attributable to High Risk		Compliance				
Sector	Exposures	One	% Vaccinated	Time	tion Rate	RSS	Refusing Test	Group	One	Rate	Wage	HOURS	#12	Responses
Office of the Physicians	179,493	1 -	73%	0.128	50%	0.42% +	50%	5%		27%	55.72	123	\$6,854	961
Category A			73% 55%		50%		50%	5% 5%	1 -	27%				
C D	0	1 - 1 -	55% 87%	0.128 0.128	50%	0.42% + 0.42% +	50%	5% 5%	1 - 1 -	27%	19.02 25.39	0		
Office of Dentists	0	1 -	0776	0.120	30%	U.4270 T	50%	576	1 -	2170	25.39	U	φU	U
Category A	279,485	1 -	92%	0.128	50%	0.42% +	50%	5%	1 -	19%	55.72	63	\$3,510	492
C C	43,075	1 -	44%	0.128	50%	0.42% +	50%	5%	1-	19%	19.02	68		
Nursing Homes	10,010	·	1170	0.120	0070	0.1270	3070	0.00		.070	10.02		Ψ1,200	001
Category A	35,746	1 -	38%	0.128	50%	0.42% +	50%	5%	1 -	31%	55.72	53	\$2,953	414
c	5,002	1 -	31%	0.128	50%	0.42% +	50%	5%	1 -	31%	19.02	8	\$152	63
D	4,636	1 -	30%	0.128	50%	0.42% +	50%	5%	1 -	31%	25.39	8	\$203	63
Hospitals														
Category A	254,449	1 -	77%	0.128	50%	1.25% +	50%	5%	1 -	76%	55.72	56		
В	34,579	1 -	77%	0.128	50%	1.25% +	50%	5% 5%	1 -	76% 76%	29.36	8		
C Medical and Dental Labs	30,799	1 -	62%	0.128	50%	1.25% +	50%	5%	1 -	76%	19.02	11	\$209	86
Category A	5,177	1 -	79%	0.128	50%	0.42% +	50%	5%	1 -	86%	55.72	1	\$56	. 8
C	0,177	1 -	38%	0.128	50%	0.42% +	50%	5%	1 -	86%	19.02	Ó		
D	487	1 -	30%	0.128	50%	0.42% +	50%	5%	1 -	86%	25.39	0		
Home Health Care													**	
Category A	6,244	1 -	52%	0.128	50%	0.42% +	50%	5%	1 -	67%	55.72	3	\$167	23
C	0	1 -	30%	0.128	50%	0.42% +	50%	5%	1 -	67%	19.02	0		
D	2,575	1 -	84%	0.128	50%	0.42% +	50%	5%	1 -	67%	25.39	0	\$0	0
Hospices														
Category A	684	1 -	58%	0.128	50%	0.42% +	50%	5%	1 -	60%	55.72	0		
C D	0 215	1 - 1 -	82% 30%	0.128 0.128	50% 50%	0.42% + 0.42% +	50% 50%	5% 5%	1 - 1 -	60% 60%	19.02 25.39	0		
Hemodialysis	215	1 -	30%	0.120	30%	U.4270 T	50%	576	1 -	60%	25.39	U	φU	U
Category A	4.684	1 -	92%	0.128	50%	0.42% +	50%	5%	1 -	93%	55.72	0	\$0	0
C	477	1 -	68%	0.128	50%	0.42% +	50%	5%	1 -	93%	19.02	0		
D	141	1 -	81%	0.128	50%	0.42% +	50%	5%	1 -	93%	25.39	0		
Drug Rehabilitation														
Category A	283	1 -	78%	0.128	50%	0.42% +	50%	5%	1 -	77%	55.72	0		
C D	0	1 - 1 -	100% 30%	0.128 0.128	50% 50%	0.42% + 0.42% +	50% 50%	5% 5%	1 - 1 -	77% 77%	19.02	0		
Government Clinics	U	1 -	30%	0.128	50%	0.42% +	50%	5%	1 -	11%	25.39	U	\$0	U
Category A	16,013	1 -	73%	0.128	50%	0.42% +	50%	5%	1 -	27%	55.72	11	\$613	86
C	0	1 -	5%	0.128	50%	0.42% +	50%	5%	1 -	27%	19.02	0		0
D	0	1 -	7%	0.128	50%	0.42% +	50%	5%	1 -	27%	25.39	0		
Blood/Plasma/Tissue Centers														
Category A	6,453	1 -	65%	0.128	50%	0.10% +	50%	5%	1 -	66%	55.72	3		
C	139	1 -	44%	0.128	50%	0.10% +	50%	5%	1 -	66%	19.02	0		
D Residential Care	197	1 -	71%	0.128	50%	0.10% +	50%	5%	1 -	66%	25.39	0	\$0	0
Category A	4.850	1 -	64%	0.128	50%	0.42% +	50%	5%	1 -	39%	55.72	4	\$223	31
C C	388	1 -	30%	0.128	50%	0.42% +	50%	5%	1-	39%	19.02	1	\$19	
D	2.571	1 -	73%	0.128	50%	0.42% +	50%	5%	1 -	39%	25.39	1		
Personnel Services														
Category A	2,993	1 -	38%	0.500	50%	0.42% +	50%	5%	1 -	83%	55.72	4	\$223	
D	0.00	1 -	30%	0.500	50%	0.42% +	50%	5%	1 -	0%	25.39	0	\$0	0
Funeral Services	11.735		67%	0.500	50%	0.42% +	50%	5%		31%	55.72	36	\$2.006	70
Category A C	0.00	1 - 1 -	30%	0.500	50%	0.42% +	50%	5% 5%	1 - 1 -	31%	19.02	0		
D	0.00	1 -	64%	0.500	50%	0.42% +	50%	5%	1 -	31%	25.39	0		
Health Units in Industry	0.00		0470	0.500	3070	0.4270	30 70	570		3170	20.00		ΨΟ	· ·
Category A	186,835	1 -	60%	0.500	50%	0.42% +	50%	5%	1 -	2%	55.72	992	\$55,274	1,984
В	0.00	1 -	42%	0.500	50%	0.42% +	50%	5%	1 -	2%	29.36	0	\$0	0
D	0.00	1 -	30%	0.500	50%	0.42% +	50%	5%	1 -	2%	25.39	0	\$0	0
Research Labs														
Category A	494	1 -	81%	0.500	50%	0.42% +	50%	5%	1 -	70%	55.72	0		
C D	0.00 0.00	1 -	45% 81%	0.500	50%	0.42% + 0.42% +	50% 50%	5% 5%	1 -	70% 70%	19.02	0		
Linen Service	0.00	1 -	0170	0.500	50%	U.4270 +	JU 76	5%	1 -	/ U70	25.39	0	\$0	U
D D	3,000	1 -	30%	0.500	50%	0.42% +	50%	5%	1 -	90%	25.39	3	\$76	6
Medical Equipment Repair	0,000	•							•					
Category A	0	1 -	1%	0.500	50%	0.42% +	50%	5%	1 -	26%	55.72	0		
В	0	1 -	7%	0.500	50%	0.42% +	50%	5%	1 -	26%	29.36	0		
C D	161	1 -	36% 30%	0.500 0.500	50% 50%	0.42% + 0.42% +	50% 50%	5% 5%	1 -	26% 26%	19.02	1	\$19	
D Law Enforcement	2,464	1 -	30%	0.500	50%	0.42% +	50%	5%	1 -	∠0%	25.39	17	\$432	34

Category A	18,993	1 -	42%	0.128	50%	0.42% +	50%	5%	1 -	96%	55.72	2	\$111	16
В	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
В	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
В	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
												1.617 5	883.592	5.775

Hours 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 RRS + % 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.

exposures that are attributable to a member of a high risk group.														
Office of the Physicians													ost Item 13 Respo	
Category A	179,493	(1 - 73%)	27% x	0.083 x (50%		50% x	5%)x	(1 - 27%)	73% =		\$4,082		964
C	0	(1 - 55%)	45% x	0.083 x (50%		50% x	5%)x	(1 - 27%)	73% =		\$0		0
D	0	(1 - 87%)	13% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 27%)	73% =	0	\$0		0
Office of Dentists														
Category A	279,485	(1 - 92%)	8% x	0.083 x (0.42% +	50% x	5%)x	(1 - 19%)	81% =		\$2,092		494
С	43,075	(1 - 44%)	56% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 19%)	81% =	44	\$2,245		530
Nursing Homes														
Category A	35,746	(1 - 38%)	62% x	0.083 x (50%		50% x	5%)x	(1 - 31%)	69% =		\$1,735		410
С	5,002	(1 - 31%)	69% x	0.083 x (50%		50% x	5%)x	(1 - 31%)	69% =		\$255		60
D	4,636	(1 - 30%)	70% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 31%)	69% =	5	\$255		60
Hospitals														
Category A	254,449	(1 - 77%)	23% x	0.083 x (50%		50% x	5%)x	(1 - 76%)	24% =		\$1,837		434
В	34,579	(1 - 77%)	23% x	0.083 x (50%		50% x	5%)x	(1 - 76%)	24% =		\$255		60
C	30,799	(1 - 62%)	38% x	0.083 x (50%	1.25% +	50% x	5%)x	(1 - 76%)	24% =	7	\$357		84
Medical and Dental Labs														
Category A	5,177	(1 - 79%)	21% x	0.083 x (50%		50% x	5%)x	(1 - 86%)	14% =		\$0		0
C	0	(1 - 38%)	62% x	0.083 x (50%		50% x	5%)x	(1 - 86%)	14% =		\$0		0
D	487	(1 - 30%)	70% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 86%)	14% =	0	\$0		0
Home Health Care														
Category A	6,244	(1 - 52%)	48% x	0.083 x (50%		50% x	5%)x	(1 - 67%)	33% =		\$102		24
C	0	(1 - 30%)	70% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 67%)	33% =	0	\$0		0
D	2,575	(1 - 84%)	16% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 67%)	33% =	0	\$0		0
Hospices														
Category A	684	(1 - 58%)	42% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 60%)	40% =	0	\$0		0
С	0	(1 - 82%)	18% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 60%)	40% =		\$0		0
D	215	(1 - 30%)	70% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 60%)	40% =	0	\$0		0
Hemodialysis														
Category A	4,684	(1 - 92%)	8% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 93%)	7% =	0	\$0		0
С	477	(1 - 58%)	42% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 93%)	7% =	0	\$0		0
D	141	(1 - 81%)	19% x	0.083 x (50%	0.42% +	150% x	5%)x	(1 - 93%)	7% =	0	\$0		0
Drug Rehabilitation														
Category A	283	(1 - 78%)	22% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 77%)	23% =	0	\$0		0
C	0			0.083 x (50%	0.42% +	50% x	5%)x	(1 - 77%)	23% =	0	\$0		0
D	0	(1 - 30%)	70% x	0.083 x (50%	0.42% +	150% x	5%)x	(1 - 77%)	23% =	0	\$0		0
Government Clinics														
Category A	16,013	(1 - 73%)	27% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 27%)	73% =	7	\$357		84
C	0	(1 - 55%)	45% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 27%)	73% =	0	\$0		0
D	0	(1 - 87%)	13% x	0.083 x (50%	0.42% +	150% x	5%)x	(1 - 27%)	73% =	0	\$0		0
Blood/Plasma/Tissue Centers														
Category A	6,453	(1 - 65%)	35% x	0.083 x (50%	0.10% +	50% x	5%)x	(1 - 66%)	34% =	2	\$102		24
С	139	(1 - 44%)	56% x	0.083 x (50%		50% x	5%)x	(1 - 66%)	34% =	0	\$0		0
D	197	(1 - 51%)	49% x	0.083 x (50%	0.10% +	50% x	5%)x	(1 - 66%)	34% =	0	\$0		0
Residential Care														
Category A	4,850	(1 - 64%)	36% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 39%)	61% =	2	\$102		24
C	388	(1 - 30%)	70% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 39%)	61% =	0	\$0		0
D	2,571	(1 - 73%)	27% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 39%)	61% =	1	\$51		12
Personnel Services														
Category A	2,993	(1 - 38%)	62% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 83%)	17% =			\$256	
D	0.00	(1 - 30%)	70% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 0%)	100% =			\$0	
Funeral Services														
Category A	11,735	(1 - 67%)	33% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 31%)	69% =			\$2,172	
C	0.00	(1 - 30%)	70% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 31%)	69% =			\$0	
D	0.00	(1 - 64%)	36% x	\$30.00 x (50%	0.42% +	50% x	5%) x	(1 - 31%)	69% =			\$0	
Health Units in Industry														
Category A	186,835	(1 - 60%)	40% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 2%)	98% =			\$59,544	
B	0.00	(1 - 42%)		\$30.00 x (50%		50% x	5%)x	(1 - 2%)	98% =			\$0	
D	0.00	(1 - 30%)		\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 2%)	98% =			\$0	
Research Labs		/						. ,	, ,				• •	
Category A	494	(1 - 81%)	19% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 70%)	30% =			\$23	
c	0.00	(1 - 45%)		\$30.00 x (50%		50% x	5%)x	(1 - 70%)	30% =			\$0	
		/						. ,	,,				• -	

D	0.00	(1 - 81%)	19% x	\$30.00 x (50% :	0.42% +	50% x	5%)x	(1 - 70%)	30% =			\$0	
Linen Service														
D	3,000	(1 - 30%)	70% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 90%)	10% =			\$171	
Medical Equipment Repair														
Category A	0	(1 - 41%)		\$30.00 x (0.42% +	50% x	5%)x	(1 - 26%)	74% =			\$0	
В	0	(1 - 37%)	63% x	\$30.00 x (0.42% +	50% x	5%)x	(1 - 26%)	74% =			\$0	
C	161	(1 - 36%)	64% x	\$30.00 x (50% :	0.42% +	50% x	5%)x	(1 - 26%)	74% =			\$62	
D	2,464	(1 - 30%)	70% x	\$30.00 x (50% :	0.42% +	50% x	5%)x	(1 - 26%)	74% =			\$1,038	
Law Enforcement														
Category A	18,993	(1 - 42%)	58% x	0.083 x (50% :	0.42% +	50% x	5%)x	(1 - 96%)	4% =	1	\$51		12
В	2,770	(1 - 92%)	8% x	0.083 x (50% :	0.42% +	50% x	5%)x	(1 - 96%)	4% =	0	\$0		0
C	1,444	(1 - 31%)	69% x	0.083 x (50% :	0.42% +	50% x	5%) x	(1 - 96%)	4% =	0	\$0		0
D	4,204	(1 - 46%)	54% x	0.083 x (50% :	0.42% +	50% x	5%) x	(1 - 96%)	4% =	0	\$0		0
Fire and Rescue		, ,						. ,	, , ,					
Category A	10,411	(1 - 89%)	11% x	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 71%)	29% =			\$270	
В	857	(1 - 86%)		\$30.00 x (0.42% +	50% x	5%)x	(1 - 71%)	29% =			\$28	
D	2,158	(1 - 92%)		\$30.00 x (0.42% +	50% x	5%)x	(1 - 71%)	29% =			\$41	
Correctional Facilities	_,	(/		*******			*****	/	(***	
Category A	3,034	(1 - 54%)	46% x	0.083 x (50%	0.42% +	50% x	5%)x	(1 - 30%)	70% =	2	\$102		24
В	1,887	(1 - 32%)	68% x	0.083 x (0.42% +	50% x	5%)x	(1 - 30%)	70% =	2	\$102		24
Č	459	(1 - 30%)	70% x	0.083 x (0.42% +	50% x	5%)x	(1 - 30%)	70% =	1	\$51		12
D	3,793	(1 - 31%)	69% x	0.083 x (0.42% +	50% x	5%)x	(1 - 30%)	70% =	4	\$204		48
Lifesaving	0,700	(1-0170)	0070 X	0.000 X (5070	0.4270	00 70 X	070 J X	(1 - 00 70)	1070 -	7	Q20 4		40
Category A	457	(1 - 76%)	24% v	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 50%)	50% =			\$45	
Schools	401	(1-1070)	2470 X	ψ00.00 X (5070	0.4270	50 70 X	070 J X	(1-0070)	0070 -			Ψ+ο	
Category A	6,321	(1 - 30%)	70% v	\$30.00 x (50%	0.42% +	50% x	5%)x	(1 - 0%)	100% =			\$3,597	
D D	6,321	(1 - 30%)		\$30.00 x (0.42% +	50% x	5%)x	(1 - 0%)	100% =			\$3,597	
Waste Removal	0,321	(1-30%)	7 U 70 X	\$30.00 X (30 70 .	U.4270 T	30 70 X	370 J X	(1-0%)	100% -			φ3,391	
	50	(1 - 30%)	70% v	\$30.00 x (E00/	0.42% +	50% x	5%)x	(1 - 50%)	50% =			\$14	
Category A TOTALS	50	(1 - 30%)	10% X	φου.υυ <i>X</i> (50%	U.4270 +	50% X	370) X	(1 - 50%)	30% =	281	\$14,337	\$70,858	3384
TOTALS	1 100 602										201	φ 14,337	φ10,000	3364
	1,189,683													

Hours Item 12 Item 13 Responses 12 \$422 NA

Hepatitis B Immuine Globulin (HBIG): Vaccinated Employees (Employee Time)

Hours = # exposures x % vaccinated x 10% x 4% x employee time x (source participation rate x (RSS)

0 x

0 x

41% x

37% x

10% x

10% x

4% x

4% x

0.500 x (

0.500 x (

50% x

50% x

0.42% +

0.42% +

50% x

50% x

+ (% of source refusing test * 5%) x (1-compliance rate)

Assumptions:

Category A B

*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%		vaccination.			Table	,								
Office of Physicians	or exposure moldents.											Hours C	osts Ite Re	enonene
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
Category A C	179,493 X 0 X	75% X 55% X	10% x	4% x 4% x	0.128 x (50% x	0.42% +	50% X 50% X	5%	(1-25%)	75% 75%	0.00	\$0.00	0.00
D	0 x	87% x	10% x	4% X 4% X	0.128 x (50% X 50% X	0.42% +	50% X 50% X	5%	(1-25%)	75% 75%	0.00	\$0.00	0.00
Office of Dentists	U X	0/70 X	10% X	470 X	U. 126 X (50% X	0.42% +	30% X	5%	(1-25%)	75%	0.00	\$0.00	0.00
	279,485 x	92% x	10% x	4% x	0.100 +/	50% x	0.42% +	50% x	5%	(4.440/)	89%	2.10	\$117.00	25.00
Category A					0.128 x ((1-11%)				
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	05.740	000/	400/	407	0.400 /	E00/	0.400/	500/	=0/	(4.050()	0=0/			
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 D	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
	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	054.440	770/	400/	407	0.400	=00/	4.050/	E00/	=0/	(4 7 40()	400/	0.50		
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
В	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
С	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
С	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
С	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
С	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
С	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
Govenrment 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
С	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
ood/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
С	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
С	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	5 A	50 /	1070 X	470 X	0.000 A (00 /0 X	0.7270 1	30 /0 X	370	(1-1770)	0070	5.00	ψ0.00	0.00
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 C	0 x	42% x	10% X	4% x	0.500 x (50% X	0.42% +	50% X	5%	(1-20%)	80%	0.02	\$0.00	0.00
D	0 x	42% X 81% X	10% X	4% X 4% X	0.500 x (50% X 50% X	0.42% +	50% X 50% X	5%	(1-20%)	80%	0.00	\$0.00	0.00
Linen Service	0 X	0170 X	10 /0 A	→ /0 X	0.500 A (JU /0 X	U.42/0 T	JU /U A	576	(1-2070)	00 /0	0.00	ψυ.υυ	0.00
D 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	3000 X	30 /0 X	10 /0 A	→ /0 X	0.500 A (JU /0 X	U.42/0 T	JU /U A	576	(1-3070)	1070	0.00	ψυ.υυ	0.00
Category A	0.x	41% v	10% v	4% v	0.500 x (50% v	0.42% +	50% v	5%	(1-26%)	74%	0.00	\$0.00	0.00

(1-26%) (1-26%)

74%

74%

0.00 \$0.00

0.00 \$0.00

0.00

0.00

5%

5%

С	161 x	36% x	10% x	4% x	0.500 x (50% x	0.42% +	50% x	5%	(1-26%)	74%	0.00	\$0.00	0.00
D	2464 x	30% x	10% x	4% x	0.500 x (50% x	0.42% +	50% x	5%	(1-26%)	74%	0.03	\$1.00	0.00
Law Enforcement					•									
Category A	18993 x	42% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-96%)	4%	0.00	\$0.00	0.00
В	2770 x	92% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-96%)	4%	0.00	\$0.00	0.00
C	1444 x	31% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-96%)	4%	0.00	\$0.00	0.00
D	4204 x	46% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-96%)	4%	0.00	\$0.00	0.00
Fire and Rescue														
Category A	10411 x	89% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-71%)	29%	0.04	\$1.00	0.00
В	857 x	86% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-71%)	29%	0.00	\$0.00	0.00
D	2158 x	92% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-71%)	29%	0.01	\$0.00	0.00
Correctional Facilities														
Category A	3034 x	54% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-39%)	61%	0.01	\$0.00	0.00
В	1887 x	32% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-39%)	61%	0.01	\$0.00	0.00
C	459 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
D	3793 x	31% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-39%)	61%	0.01	\$0.00	0.00
Lifesaving														
Category A	457 x	76% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-50%)	50%	0.00	\$0.00	0.00
Schools														
Category A	6321 x	30% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-0%)	100%	0.03	\$1.00	0.00
D	6321 x	30% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-0%)	100%	0.03	\$1.00	0.00
Waste Removal														
Category A	50 x	30% x	10% x	4% x	0.128 x (50% x	0.42% +	50% x	5%	(1-50%)	50%	0.00	\$0.00	0.00
Total												12	\$422.00	56

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.
- $^{\star}\,4\%$ 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.

Category D

3,000 x

100% x 10% x 4% x

\$211 x[

*Source will agree to be tested in 5	50% of exposure incidents.	and the videonianon.													
Cost of HBIG = \$211	•														
Office of Physicans												Wage H	ours #1	2 #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
С	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
С	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
С	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
В	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
С	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
С	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	
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
С	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	
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
С	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	
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
	G): Vaccinated Workers (Health Professional Time)														
C	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] x 880.0	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 Government Clinics	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
	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
Category A C	0 x	67% x 10% x	4% x	0.083 x [50% x	0.42% +	50% X	5%)]	0.235 x(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(0.235 x(1	-	25% 25.39	0.00	\$0	0
Blood/Plasma/Tissue Centers	0.8	3776 X 1076 X	470 X	0.003 X [30 % X	U.4270 T	30 % X	370 JJ	0.235 X('	-	23% 23.39	0.00	\$0	· ·
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	107.4	01.00 x 10.00 x	7/4 /	0.000 A [0070 X	0.1070	00 /0 A	0.0 /1	0.200 A			55.05	0.00	40	·
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
С	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		\$2	2573
В	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
С	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
С	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															

50% x

0.42% +

50% x 5%)] 0.235 x(1 - 90%

\$7

TABLE 10

											TOTAL			\$210	\$2782	48
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
Waste Removal																
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
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
Schools																
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
Livesaving																
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
С	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
В	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
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
Correctional Facilities																
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
В	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
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
Fire and Rescue																
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
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
Hepatitis B Immune Globulin (HBIG	6): Vaccinated Workers (Health Professional T	Time)														
В	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
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
Law Enforcement								//								
D	2,464	100% 10% x	4% x	\$211	50% x	0.42% +	50% x	5%)]	0.235 x(1	-	26% 25.39			\$42	
C	161 x	92% 10% x	4% x	\$211	50% x	0.42% +	50% x	5%)]	0.235 x(1	_	26% 19.02			\$3	
B	0 x	90 10% x	4% x	\$211	50% x	0.42% +	50% x	5%)]	0.235 x(1	-	26% 29.36			\$0	
CategoryA	0 x	84% 10% x	4% x	\$211	50% x	0.42% +	50% x	5%)]	0.235 x(4	_	26%			\$0	
Medical Equipment Repair																

Item 13 \$17,179 NA Hours Item 12 335 TABLE 11

Hours = # of exposures x (1-% vaccinated x 22% x employee time x [(source participation rate x RSS) + (% of source refusing test x 5%)] x (1-compliance)
ASSUMPTIONS

1 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
1 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
1 Time required equivalent to 13 time required to receive HBV vaccination
5 Source participation rate is 50%
Office of the Physicians

	Office of the Physicians									Wage	HOURS #12 RESPONSES
Wage_A	Category A C D	179,493 * 0 * 0 *	1 - 1 - 1 -	73% * 22% 55% * 22% 87% * 22%	0.128 * [(0.128 * [(0.128 * [(50% 50% 50%	0.42% + 0.42% + 0.42% +	50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	25% 55.72 25% 19.02 25% 25.39	28 \$1560 219 0 \$0 0 0 \$0 0
	Office of Dentists Category A C C Uursing Homes	279,485 * 43,075 *	1 - 1 -	92% * 22% 44% * 22%	0.128 * [(0.128 * [(50% 50%	0.42% + 0.42% +	50% 50%	5% 1 - 5% 1 -	11% 55.72 11% 19.02	15 \$836 117 16 \$304 125
	Category A C D	35,746 * 5,002 * 4,636 *	1 - 1 - 1 -	38% * 22% 31% * 22% 30% * 22%	0.128 * [(0.128 * [(0.128 * [(50% 50% 50%	0.42% + 0.42% + 0.42% +	50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	35% 55.72 35% 19.02 35% 25.39	11 \$613 86 2 \$38 16 2 \$51 16
	Hospitals Category A B C	254,449 * 34,579 * 30,799 *	1 - 1 - 1 -	77% * 22% 77% * 22% 62% * 22%	0.128 * [(0.128 * [(0.128 * [(50% 50% 50%	1.25% + 1.25% + 1.25% +	50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	74% 55.72 74% 29.36 74% 19.02	13 \$724 102 2 \$59 16 3 \$57 23
	Medical and Dental Labs Category A C D	5,177 * 0 * 487 *	1 - 1 - 1 -	79% * 22% 38% * 22% 30% * 22%	0.128 * [(0.128 * [(0.128 * [(50% 50% 50%	0.42% + 0.42% + 0.42% +	50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	38% 55.72 38% 19.02 38% 25.39	1 \$56 8 0 \$0 0 0 \$0 0
	Home Health Care Category A C D	6,244 * 0 * 2,575 *	1 - 1 - 1 -	52% * 22% 30% * 22% 84% * 22%	0.128 * [(0.128 * [(0.128 * [(50% 50% 50%	0.42% + 0.42% + 0.42% +	50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	61% 55.72 61% 19.02 61% 25.39	1 \$56 8 0 \$0 0 0 \$0 0
	Hospices Category A C D	684 * 0 * 215 *	1 - 1 - 1 -	58% * 22% 82% * 22% 30% * 22%	0.128 * [(0.128 * [(0.128 * [(50% 50% 50%	0.42% + 0.42% + 0.42% +	50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	39% 55.72 39% 19.02 39% 25.39	0 \$0 0 0 \$0 0 0 \$0 0
	Hemodialysis Category A C D	4,684 * 477 * 141 *	1 - 1 - 1 -	92% * 22% 68% * 22% 81% * 22%	0.128 *[(0.128 *[(0.128 *[(50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	72% 55.72 72% 19.02 72% 25.39	0 \$0 0 0 \$0 0 0 \$0 0
	Drug Rehabilitation Category A C D	283 * 0 * 0 *	1 - 1 - 1 -	78% * 22% 100% * 22% 30% * 22%	0.128 *[(0.128 *[(0.128 *[(50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	30% 55.72 30% 19.02 30% 25.39	0 \$0 0 0 \$0 0 0 \$0 0
	Government Clinics Category A C D	16,013 * 0.00 0.00	1 - 1 - 1 -	73% * 22% 55% * 22% 87% * 22%	0.128 *[(0.128 *[(0.128 *[(50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	25% 55.72 25% 19.02 25% 25.39	2 \$111 16 0 \$0 0 0 \$0 0
	Blood/Plasma/Tissue Centers Category A C D	6,453 * 139 * 197 *	1 - 1 - 1 -	65% * 22% 44% * 22% 71% * 22%	0.128 *[(0.128 *[(0.128 *[(50% 50% 50%	0.10% + (0.10% + (0.10% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	58% 55.72 58% 19.02 58% 25.39	1 \$56 8 0 \$0 0 0 \$0 0
	Residential Care Category A C D	4,850 * 388 * 2,571 *	1 - 1 - 1 -	64% * 22% 30% * 22% 73% * 22%	0.128 *[(0.128 *[(0.128 *[(50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	34% 55.72 34% 19.02 34% 25.39	1 \$56 8 0 \$0 0 0 \$0 0
	Personnel Services Category A D	2,993 * 0.00 *	1 - 1 -	38% * 22% 30% * 22%	0.500 *[(0.500 *[(50% 50%	0.42% + (0.42% + (50% 50%	5% 1 - 5% 1 -	80% 55.72 0% 25.39	1 \$56 2 0 \$0 0
	Funeral Services Category A C D	11,735 * 0.00 * 0.00 *	1 - 1 - 1 -	67% * 22% 30% * 22% 64% * 22%	0.500 *[(0.500 *[(0.500 *[(50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	20% 55.72 20% 19.02 20% 25.39	9 \$501 18 0 \$0 0 0 \$0 0
	Health Units in Industry Category A B D	186,835 * 0.00 * 0.00 *	1 - 1 - 1 -	60% * 22% 42% * 22% 30% * 22%	0.500 *[(0.500 *[(0.500 *[(50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	14% 55.72 14% 29.36 14% 25.39	192 \$10698 384 0 \$0 0 0 \$0 0
	Research Labs Category A C D	494 * 0.00 * 0.00 *	1 - 1 - 1 -	81% * 22% 45% * 22% 81% * 22%	0.500 *[(0.500 *[(0.500 *[(50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	20% 55.72 20% 19.02 20% 25.39	0 \$0 0 0 \$0 0 0 \$0 0
	Linen Service D Medical Equipment Repair	3,000 *	1 -	30% * 22%	0.500 *[(50%	0.42% +(50%	5% 1 -	90% 25.39	1 \$25 2
	Category A B C D	0 0 161 * 2,464 *	1 - 1 - 1 - 1 -	41% * 22% 37% * 22% 36% * 22% 30% * 22%	0.500 *[(0.500 *[(0.500 *[(0.500 *[(50% 50% 50% 50%	0.42% + (0.42% + (0.42% + (0.42% + (50% 50% 50% 50%	5% 1 - 5% 1 - 5% 1 - 5% 1 -	26% 55.72 26% 29.36 26% 19.02 26% 25.39	0 \$0 0 0 \$0 0 0 \$0 0 4 \$102 8
	Law Enforcement Category A B C D	18,993 * 2,770 * 1,444 * 4,204 *	1 - 1 - 1 - 1 -	42% * 22% 92% * 22% 31% * 22% 46% * 22%	0.128 [0.128 [0.128 [0.128 [50% 50% 50% 50%	0.42% + (0.42% + (0.42% + (0.42% + (50% 50% 50% 50%	5% 1 - 5% 1 - 5% 1 - 5% 1 -	96% 55.72 96% 29.36 96% 19.02 96% 25.39	0 \$0 0 0 \$0 0 0 \$0 0 0 \$0 0
	Fire and Rescue Category A B D	10,411 * 857 * 2,158 *	1 - 1 - 1 -	89% * 22% 86% * 22% 92% * 22%	0.126 [0.5 [0.5 [0.5 [50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 - 5% 1 -	71% 55.72 71% 29.36 71% 25.39	1 \$56 2 0 \$0 0 0 \$0 0
	Correctional Facilities Category A B C	3,034 * 1,887 * 459 *	1 - 1 - 1 -	54% * 22% 32% * 22% 30% * 22%	0.128 [0.128 [0.128 [50% 50% 50%	0.42% + (0.42% + (0.42% + (50% 50% 50%	5% 1 - 5% 1 - 5% 1 -	39% 55.72 39% 29.36 39% 19.02	1 \$56 8 1 \$29 8 0 \$0 0
	D Lifesaving Category A	3,793 * 457 *	1 -	31% * 22% 78% * 22%	0.128 [50% 50%	0.42% + (0.42% + (50% 50%	5% 1 - 5% 1 -	39% 25.39 50% 55.72	1 \$25 8 0 \$0 0
	Schools Category A D	6,321 * 6,321 *	1 - 1 -	30% * 22% 30% * 22%	0.5 [0.5 [50% 50%	0.42% + (0.42% + (50% 50%	5% 1 - 5% 1 -	0% 55.72 0% 25.39	13 \$724 26 13 \$330 26
	Waste Removal Category A	50 * 1,189,683	1 -	30% * 22%	0.5 [50%	0.42% + (50%	5% 1 -	50% 55.72	0 \$0 0 335 \$17,179 1,260

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 consided 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.
------	----	------	----------

*COST of HBIG = \$211.	or exposure moracine.													
Office of the Physicians												HOURS #12 13#		
Category A	179,493 *	1 -	73%	22%)]* 80.0	50%	0.42%	50%	5%	1	25% =	18 \$918	217	
С	0 *	1 -	55%	22%)]* 80.0	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	070.405.4			990/		E00/	0.4007	E00/	=0/		4407	40 0540		
Category A C	279,485 * 43,075 *	1 - 1 -	92% 44%	22% 22%)]* 80.0)]* 80.0	50% 50%	0.42% 0.42%	50% 50%	5% 5%	1	11% = 11% =	10 \$510 11 \$561	119 128	
Nursing Homes	43,075 "	1 -	44%	22%)] " 80.0	50%	0.42%	50%	5%	1	11% =	11 \$501	128	
Category A	35,746 *	1 -	38%	22%)]* 80.0	50%	0.42%	50%	5%	1	35% =	7 \$357	86	
C	5,002 *	i -	31%	22%	0.08 *[(50%	0.42%	50%	5%	1	35% =	1 \$51	13	
D	4,636 *	1 -	30%	22%)]* 80.0	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	
В	34,579 *	1 -	77%	22%)]* 80.0	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	5,177 *		700/	00%	0.00 + 1.7	F00/	0.40%	F00/	5%		000/ -	0 00		
Category A C	0 *	1 - 1 -	79% 38%	22% 22%)]* 80.0)]* 80.0	50% 50%	0.42% 0.42%	50% 50%	5% 5%	1	38% = 38% =	0 \$0 0 \$0	4 0	
D	487 *	1 -	30%	22%)]* 80.0	50%	0.42%	50%	5%	1	38% =	0 \$0	1	
Home Health Care	407		30 70	2270)] 00.0	3070	0.4270	3070	370		3070 -	ο ψο		
Category A	6,244 *	1 -	52%	22%)]* 80.0	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%)]* 80.0	50%	0.42%	50%	5%	1	39% =	0 \$0	1	
С	0 *	1 -	82%	22%)]* 80.0	50%	0.42%	50%	5%	1	39% =	0 \$0	0	
D Hamadiaksaia	215 *	1 -	30%	22%)]* 80.0	50%	0.42%	50%	5%	1	39% =	0 \$0	1	
Hemodialysis Category A	4,684 *	1 -	92%	22%)]* 80.0	50%	0.42%	50%	5%	1	72% =	0 \$0	1	
C C	477 *	1 -	68%	22%)]* 80.0	50%	0.42%	50%	5%	1	72% =	0 \$0	0	
D	141 *	i -	81%	22%)]* 80.0	50%	0.42%	50%	5%	1	72% =	0 \$0	0	
Drug Rehabilitation		•	****		[(-	
Category A	283 *	1 -	78%	22%)]* 80.0	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%)]* 80.0	50%	0.42%	50%	5%	1	30% =	0 \$0	0	
Government Clinics														
Category A	16,013 *	1 -	73%	22%)]* 80.0	50%	0.42%	50%	5%	1	25% =	2 \$102	19	
C D	0.00	1 - 1 -	55% 87%	22% 22%)]* 80.0	50%	0.42% 0.42%	50% 50%	5% 5%	1	25% = 25% =	0 \$0 0 \$0	0	
Blood/Plasma/Tissue Centers	0.00	1 -	87%	22%	0.08 *[(50%	0.42%	50%	5%	1	25% =	0 \$0	U	
Category A	6,453 *	1 -	65%	22%)]* 80.0	50%	0.10%	50%	5%	1	58% =	0 \$0	5	
C	139 *	i -	44%	22%)]* 80.0	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%)]* 80.0	50%	0.42%	50%	5%	1	34% =	1 \$51	7	
С	388 *	1 -	30%	22%)]* 80.0	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	2,993 *	1 -	38%	22%	\$211 *[(50%	0.42%	50%	5%	1	80% =		\$467	
Category A	2,993 0.00 *	1 -	30%	22%	\$211 *[(50%	0.42%	50%	5%	1	0% =		\$467 \$0	
Funeral Services	0.00		30 70	2270	Ψ211 [(3070	0.4270	3070	370		070 -		ΨΟ	
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	
В	0.00 *	1 -	42%	22%	\$211 *[(50%	0.42%	50%	5%	1	14% =		\$0	
D Research Labs	0.00 *	1 -	30%	22%	\$211 * [(50%	0.42%	50%	5%	1	14% =		\$0	
Category A	494 *	1 -	81%	22%	\$211 * [(50%	0.42%	50%	5%	1	20% =		\$94	
C 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	
В	0	1 -	37%	22%	\$211 *[(50%	0.42%	50%	5%	1	26% =		\$0	
С	161 *	1 -	36%	22%	\$211 *[(50%	0.42%	50%	5%	1	26% =		\$96	
D Law Enforcement	2,464 *	1 -	30%	22%	\$211 *[(50%	0.42%	50%	5%	1	26% =		\$1,606	
Category A	18.993 *	1 -	42%	22%)1* 80.0	50%	0.42%	50%	5%	1	96% =	0 \$0	3	
B	2,770 *	1 -	92%	22%)]* 80.0	50%	0.42%	50%	5%	1	96% =	0 \$0	0	
C	1,444 *	i -	31%	22%	0.08 *[(50%	0.42%	50%	5%	1	96% =	0 \$0	0	
D	4,204 *	1 -	46%	22%)]* 80.0	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	

Table #12

В	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
В	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	
•					-				To	tal =	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.

*Employee time is equivalent to 1/3 time	required for HBV vaccination.									_
									#12 I	Responses
Offices of Physicians	179,493 x	80% x (50% + (50% x	0.80%))x	4 x 0.13 x (1% 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 1	0% 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 2	3% 7,214	\$265,403	56,359
Hospitals	319,827 x	80% x (50% + (50% x	0.80%))x	4 x 0.13 x (1 6	5% 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 8	9% 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 5	3% 765	\$28,144	5,977
Hospices	899 x	80% x (50% + (50% x	0.80%))x	4 x 0.13 x (1 4	7% 98	\$3,605	766
Hemodialysis	5,302 x	80% x (50% + (50% x	0.80%))x	4 x 0.13 x (1 6	9% 339	\$12,472	2,648
Drug Rehabilitation	283 x	80% x (50% + (50% x	0.80%))x	4 x 0.13 x (1 6)% 23	\$846	180
Government Clinics	16,013 x	80% x (50% + (50% x	0.80%))x	4 x 0.13 x (1 2	1% 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 5	7% 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 7	7% 555	\$20,418	1,110
Funeral Services	11,735 x	80% x (50% + (50% x	0.80%))x	4 x 0.500 x (1 2	2% 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 1	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 6	0% 159	\$5,850	318
Linen Services	3,000 x	80% x (50% + (50% x	0.80%))x	4 x 0.500 x (1 9)% 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 9	1% 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 6	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 4	7% 1,165	\$42,860	9,102
Lifesaving	457 x	80% x (50% + (50% x	0.80%))x	4 x 0.500 x (1 5)% 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 5	0% 20	\$736	40
Totals		,	,		• • • • • • • • • • • • • • • • • • • •	•	TOTAL	280,022	\$10,302,006	1,293,193
	4 400 000									

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:

*Health care professional time is equuly	alent to 1/3 time required to administer HBV vacci	nation											
										HOURS		#13 R	RESPONSES
Offices of Physicians	Offices of Physicians	179,493 x	80% x (50% + (50% x	0.80%))x		0.083		4% 18261	\$931,676		36522
Office of Dentists	Office of Dentists	322,560 x	80% x (50% + (50% x	0.80%))x		0.083		0% 38861	\$1,982,688		77722
Nursing Homes	Nursing Homes	45,384 x	80% x (50% + (50% x	0.80%))x	4 x	0.083		3% 4678	\$238,672		9356
Hospitals	Hospitals	319,827 x	80% x (50% + (50% x	0.80%))x	4 x	0.083		5% 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		9% 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	8% 496	\$25,306		992
Hospices	Hospices	899 x	80% x (50% + (50% x	0.80%))x	4 x	0.083	1 .	7% 64	\$3,265		128
Hemodialysis	Hemodialysis	5,302 x	80% x (50% + (50% x	0.80%))x	4 x	0.083		9% 220	\$11,224		440
Drug Rehabilitation	Drug Rehabilitation	283 x	80% x (50% + (50% x	0.80%))x	4 x	0.083	1	0% 15	\$765		30
Government Clinics	Government Clinics	16,013 x	80% x (50% + (50% x	0.80%))x	4 x	0.083	1	4% 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	7% 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	7%	\$0	\$22,205	
Funeral Services	Funeral Services	11,735 x	80% x (50% + (50% x	0.80%))x	4 x \$	20.00	1	2%	\$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	4%	\$0	\$5,182,833	
Research Labs	Research Labs	494 x	80% x (50% + (50% x	0.80%))x	4 x \$	20.00	1	0%	\$0	\$6,374	
Linen Services	Linen Services	3,000 x	80% x (50% + (50% x	0.80%))x	4 x \$	20.00	1	0%	\$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	1% 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	8%	\$0	\$138,582	
Correctional Facilities	Correctional Facilities	9,173 x	80% x (50% + (50% x	17.00%))x	4 x	0.083	1 .	7% 755	\$38,520		1510
Lifesaving	Lifesaving	457 x	80% x (50% + (50% x	0.80%))x	4 x \$	20.00	1	0%	\$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	0%	\$0	\$806	
Totals			·	•					TOTAL =	81,789	\$4,172,875	\$6,155,548	163,578

^{*}Employee participation rate for HIV antibody tests is 80%.
*50% of sources will agree to be tested, 50% will refuse to be tested.

^{30%} of sources will adjee to be tested, 30% 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 equuivalent to 1/3 time required to administer HBV vaccination

619983 \$26,866,964 NA TABLE 15

Counseling for Workers Who May Have HIV Exposure (Employee and Counselor Time)

Hours = # exposures x employer participation rate x (% of sources refusing test + (source participation rate x RSS)) x # of sessions x (employee time + counselor time) x (1- compliance rate) Hours = # exposures x employer participation rate x (% or sources refusing test * (source participation rate x 1033)) x # or sees Assumptions:

*Employee participation rate 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.

*2 counseling sessions will be given to employees accepting testing.

*Counseling sessions will require 30 minutes.

*Counseling sessions will require 30 minut	tes.									HOUDO		
0.5	470.400	222/ /	500/ . /	500/	2 222/	0 /	05 . 05)	, .	0.40/			RESPONSES
Offices of Physicians	179,493 x	80% x (50% + (50% x	0.80%	2 x ((1	34%	95530	\$4,139,793	144,743
Office of Dentists	322,560 x	80% x (50% + (50% x	0.80%	2 x (,	k(1	15%	221096	\$9,581,195	260,112
Nursing Homes	45,384 x	80% x (50% + (50% x	0.80%	2 x (k (1	24%	27814	\$1,205,320	36,598
Hospitals	319,827 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	k(1	73%	69635	\$3,017,633	257,908
Medical and Dental Labs	5,664 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	k(1	70%	1370	\$59,369	4,567
Home Health Care	8,819 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	k (1	24%	5405	\$234,226	7,112
Hospices	899 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	k (1	31%	500	\$21,668	725
Hemodialysis	5,302 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	61%	1667	\$72,239	4,276
Drug Rehabilitation	283 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	63%	84	\$3,640	228
Government Clinics	16,013 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	k (1	16%	10847	\$470,055	12,913
Blood/Plasma/Tissue Centers	6,789 x	80% x (50% + (50% x	0.05%	2 x (0.5 + 0.5)	κ(1	99%	54	\$2,340	5,434
Residential Care	7,809 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	11%	5604	\$242,849	6,297
Personnel Services	2,993 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	67%	796	\$34,495	2,414
Funeral Services	11,735 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	k (1	6%	8895	\$385,465	9,463
Health Units in Industry	186,835 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	1%	149157	\$6,463,719	150,664
Research Labs	494 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	30%	279	\$12,090	398
Linen Services	3,000 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	90%	242	\$10,487	2,419
Medical Equipment Repair	2,625 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	0%	2117	\$91,740	2,117
Law Enforcement	27,411 x	80% x (50% + (50% x	17.00%	2 x (0.5 + 0.5)	κ(1	89%	2822	\$122,291	25,657
Fire and Rescue	13,426 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	73%	2923	\$126,668	10,827
Correctional Facilities	9,173 x	80% x (50% + (50% x	17.00%	2 x (0.5 + 0.5)	κ(1	68%	2747	\$119,041	8,586
Lifesaving	457 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	50%	184	\$7,974	369
Schools	12,642 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	0%	10195	\$441,800	10,195
Waste Removal	50 x	80% x (50% + (50% x	0.80%	2 x (0.5 + 0.5)	κ(1	50%	20	\$867	40
Totals			•				TOTAL =	` =		619,983	\$26,866,964	964,061
	4 400 000									,		,

Hours 969,006 \$24,729,033 NA 4,234,549 Table 18

Recordkeeping: Medical Records

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

SectorCategory	Office of the Physicians		Va	ccinated 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	С	[((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	С	[((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	С	[((42,701 x 0.17)+(14,305 x 0.25))	31.60%] + [5,002 x (0.08 + 0.25)]=		\$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)]=		\$6,275,317	1,107,955
HospitalsB	В	[((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	С	[((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	С	[((4,524 x 0.17)+(1357 x 0.25))	31.60%]+[0 x (0.08 + 0.25)]=		\$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)]=	10	\$255	58
HospicesD	D	[((27 x 0.17)+(8 x 0.25))	36.30%]+[215 x (0.08 + 0.25)]=	74	\$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	С	[((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	С	[((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	С	[((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)]=		\$74,161	15,351
Funeral ServicesC	С	[((2,846 x 0.17)+(1423 x 0.25))	31.60%]+[11,735 x (0.08 + 0.25)]=		\$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	В	[((141,051 x 0.17)+(35,122 x 0.25))	21.80%]+[186,835 x (0.08 + 0.25)]=		\$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

Hours

No .12 Costs Response

Research LabsC	С	[((1,315 x 0.17)+(322 x 0.25))	31.60%]+[494 x (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	В	[((200 x 0.17)+(54 x 0.25))	38.30%]+[0 x (0.08 + 0.25)]=	18	\$459	97
Medical Equipment RepairC	С	[((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)+(118856 x 0.25))	10.10%]+[18,993 x (0.08 + 0.25)]=	17,522	\$447,161	79,208
Law EnforcementB	В	[((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	С	[((4,072 x 0.17)+(1197 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	В	[((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	В	[((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	С	[((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)+(14932 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)+(7054 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							969,006	\$24,729,033	4,234,549
			8,399,358	2,473,489		1,189,683				

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

SectorCategory Office of Physicians Cost Hours 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 С 9.248 x (1 + 31.60% / 2 x) 0.02 =182 \$4,645 10.709 Office of the PhysiciansD D 0.02 =1,743 92,475 x (1 + 21.80% / 2 x) \$44,481 102,554 Office of Dentists Office of Dentists Office of DentistsA Category A 483.407 x (26 80% / 2 x) 0.02 =9.319 \$237,821 548.184 Office of DentistsC 4,633 x (31.60% / 2 x) 0.02 =91 \$2,322 С 5,365 1 + Nursing Homes Nursing Homes Nursing HomesA Category A 661.860 x (49.90% / 2 x) 0.02 =14.059 \$358.786 826.994 Nursing HomesC С 42,701 x (31.60% / 0.02 =\$21,462 49,448 1 + 2 x) 841 Nursing HomesD D 0.02 =140 8,241 7,117 x (1 + 31.60% / 2 x) \$3,573 Hospitals Hospitals HospitalsA Category A 2,399,365 x (27.20% / 2 x) 0.02 =46,337 \$1,182,520 2,725,679 1 + HospitalsB В 21.80% / 0.02 =3,865 205,009 x (2 x) \$98,635 227,355 HospitalsC С 318.903 x (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 (21.70% / 0.02 =5,217 \$133,138 306,906 1 + 2 x) Medical and Dental LabsC С 2,132 x (31.60% / 2 x) 0.02 =42 \$1,072 2,469 Medical and Dental LabsD 0.02 =4.732 278.373 240,392 x (1 + 31.60% / 2 x) \$120,761 Home Health Home Health Home HealthA Category A 306.068 x (36.30% / 2 x) 0.02 =6.148 \$156.897 361.619 1 + Home HealthC С 4.524 x (31.60% / 2 x) 0.02 =89 \$2.271 5.239 Home HealthD D 9,501 x (36.30% / 2 x) 0.02 =191 \$4,874 11,225 1 + Hospices Hospices 10.565 x (0.02 =212 12.483 HospicesA Category A 1 + 36.30% / 2 x) \$5.410 HospicesC С 31.60% / 0.02 =154 x (2 x) 3 \$77 178 HospicesD D 27 x (36.30% / 2 x) 0.02 =1 \$26 32 Hemodialysis Hemodialysis HemodialysisA Category A 4.964 x (25.50% / 2 x) 0.02 =95 \$2,424 5.597 HemodialysisC C 87 x (31.60% / 0.02 =2 \$51 101 2 x) HemodialvsisD D 230 x (21.80% / 0.02 =\$102 255 2 x) 4 1 + Drug Rehabilitation Drug Rehabilitation Drug RehabilitationA Category A 6,067 x (25.50% / 2 x) 0.02 =116 \$2,960 6.841 1 + Drug RehabilitationC С 31.60% / 0.02 =149 x (2 x) 3 \$77 173 Drug RehabilitationD D 506 x (21.80% / 2 x) 0.02 =10 \$255 561 1 + Government Clinics Government Clinics Government ClinicsA Category A 52.156 x (22.80% / 0.02 =988 \$25.214 58.102 1 + 2 x) С 31.60% / 0.02 =\$204 Government ClinicsC 381 x (1 + 2 x) 8 441 Government ClinicsD 3,808 x (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 (21.80% / 2 x) 0.02 =694 \$17,711 40,833 1 + Blood/Plasma/Tissue CentersC С 405 x (31.60% / 2 x) 0.02 =8 \$204 469 Blood/Plasma/Tissue CentersD 789 x (1 + 36.30% / 2 x) 0.02 =16 \$408 932 Residential Care Residential Care 71.425 x (49.60% / 0.02 =1,515 \$38,663 89,139 Residential Care A Category A 1 + 2 x) Residential Care C C 1.972 x (31.60% / 0.02 =39 \$995 2.284 2 x) Residential Care D D 11,704 x (36.30% / 0.02 =235 \$5,997 13,829 1 + 2 x) 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	С	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	В	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	2,121 11(,			* .,	1,000
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	302 A (•	21.00707	- ~ /	0.02	•	Ψσ	000
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	00,000 X (01.00707	_ x ,	0.02	1,200	φου,σοι	7 1,120
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	300 X (21.00707	2 x)	0.02 -	,	Ψ173	333
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	46,270 X (1 +	10.1076 /	2 X)	0.02 -	002	φ21,990	30,706
Fire and RescueA		191,104 x (1 +	21.80% /	2 x)	0.02 =	3,603	\$91,949	211,934
Fire and RescueB	Category A B	,	1 +	21.80% / 8.50% /	2 x) 2 x)	0.02 =	4,057	\$91,949 \$103,535	238,674
Fire and RescueD	В D	228,944 x (2,971 x	=	38.30% /	2 x) 2 x)	0.02 =	4,057	\$103,535	3,540
Correctional Facilities	Correctional Facilities	2,97 I X	1 +	30.30% /	2 X)	0.02 -	00	क्।,ठउ।	3,340
		40.000/	4.	31.70% /	2 \	0.00 -	207	#0.07 0	00.700
Correctional FacilitiesA	Category A	19,628 x (1 +	31.70% / 41.00% /	2 x)	0.02 =	387	\$9,876	22,739
Correctional FacilitiesB	В	194,108 x (1 +		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