## Exposure Control Plan

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

## Assumptions:

* Develop New Plans: Hospitals and Nursing Homes take 16 hours; Medical and dental labs take 8 hours; Physicians, dentists, and residential care take 4 hours
* Review existing plans: Hospitals take 8 hours to review, all other sectors take 2 hours

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



Assumptions:
To receive the
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 1115 minutes ( 1.92 hour) for categories
For Sectors where a physician, dentist or licensed nurses is not normally on the premises, employee time to receive the vaccination and post vaccination is 115 minutes ( 1.92 hour) for categories $A$ and $B ; 100$ minutes ( 1.67 hours) for Categories $C$ and $D$.

| Sector Category | SectorCategory | Sector/Employment Category | Employees | \% NonVaccinated | Employee Participation Rate | Employee Time (Hours) | Occupational <br> Turnover Rate | Hours | Wage Rates | \#12 | Responses |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Office of the Physicians | Office of the Physicians | Office of the Physicians |  |  |  |  |  |  |  |  |  |
| Office of the I A | Office of the PhysiciansA | Category A | 1,284,076 x | 57\% x | 52\% x | $0.63 \times$ | 6.90\% | 16,545 | \$55.72 | \$921,887 | 26,262 |
| Office of the I C | Office of the PhysiciansC | c | 9,248 x | 67\% x | 33\% x | $0.38 \times$ | 9.80\% | 76 | \$19.02 | \$1,446 | 200 |
| Office of the I D | Office of the PhysiciansD | D | 92,475 x | $37 \% \mathrm{x}$ | 65\% x | $0.38 \times$ | 12.90\% | 1,090 | \$25.39 | \$27,675 | 2,868 |
| Office of Dentists | Office of Dentists | Office of Dentists |  |  |  |  | 0.00\% |  |  |  |  |
| Office of Den A | Office of DentistsA | Category A | 483,407 x | $33 \% \mathrm{x}$ | 75\% x | $0.63 \times$ | 1.60\% | 1,206 | \$55.72 | \$67,198 | 1,914 |
| Office of Den C | Office of DentistsC | C | 4,633 x | 80\% x | 30\% x | $0.38 \times$ | 9.80\% | 41 | \$19.02 | \$780 | 108 |
| Nursing Homes (75\% employees | Nursing Homes ( $75 \%$ employees on- site) | Nursing Homes ( $75 \%$ employees on- site) |  |  |  |  | 0.00\% |  |  |  |  |
| Nursing Hom A | Nursing Homes (75\% employees on- site)A | Category A | 496,395 x | 57\% x | 50\% x | $0.63 \times$ | 24.80\% | 22,104 | \$55.72 | \$1,231,635 | 35,086 |
| Nursing Hom, C | Nursing Homes ( $75 \%$ employees on- site)C | c | 32,026 $\times$ | 67\% x | 50\% x | $0.38 \times$ | 9.80\% | 400 | \$19.02 | \$7,608 | 1,053 |
| Nursing Hom D | Nursing Homes ( $75 \%$ employees on- site)D | D | 5,338 $\times$ | 37\% x | 50\% x | $0.38 \times$ | 9.80\% | 37 | \$25.39 | \$939 | 97 |
| Nursing Homes (25\% employees | Nursing Homes (25\% employees off-site) | Nursing Homes (25\% employees off-site) |  |  |  |  | 0.00\% |  |  |  |  |
| Nursing Hom A | Nursing Homes (25\% employees off-site)A | Category A | 165,465 x | 57\% x | 50\% x | $1.92 \times$ | 24.80\% | 22,455 | \$55.72 | \$1,251,193 | 11,695 |
| Nursing Hom, C | Nursing Homes (25\% employees off-site)C | C | 10,675 $\times$ | 67\% x | 50\% x | 1.67 x | 9.80\% | 585 | \$19.02 | \$11,127 | 350 |
| Nursing Hom, D | Nursing Homes (25\% employees off-site)D | D | 1,779 $\times$ | 37\% x | 50\% x | $1.67 \times$ | 9.80\% | 54 | \$25.39 | \$1,371 | 32 |
| Hospitals | Hospitals | Hospitals |  |  |  |  | 0.00\% |  |  |  |  |
| Hospitals A | HospitalsA | Category A | 2,399,365 x | 54\% x | 57\% x | $0.63 \times$ | 14.70\% | 68,395 | \$55.72 | \$3,810,969 | 108,563 |
| Hospitals | HospitalsB | B | 205,009 x | 54\% x | 57\% x | $0.63 \times$ | 12.90\% | 5,128 | \$29.36 | \$150,558 | 8,140 |
| Hospitals C | HospitalsC | C | 318,903 $\times$ | 69\% x | 44\% x | $0.38 \times$ | 9.80\% | 3,606 | \$19.02 | \$68,586 | 9,489 |
| Medical and Dental Labs | Medical and Dental Labs | Medical and Dental Labs |  |  |  |  | 0.00\% |  |  |  |  |
| Medical and I A | Medical and Dental LabsA | Category A | 276,866 x | 58\% x | 64\% x | $0.63 \times$ | 12.90\% | 8,352 | \$55.72 | \$465,373 | 13,257 |
| Medical and I C | Medical and Dental LabsC | c | 2,132 x | 88\% x | 30\% x | $0.38 \times$ | 9.80\% | 21 | \$19.02 | \$399 | 55 |
| Medical and I D | Medical and Dental LabsD | D | 240,392 $\times$ | 100\% x | 30\% x | $0.38 \times$ | 9.80\% | 2,686 | \$25.39 | \$68,198 | 7,068 |
| Home Health | Home Health | Home Health |  |  |  |  | 0.00\% |  |  |  |  |
| Home Healh A | Home Healtha | Category A | 306,068 $\times$ | 77\% x | 38\% x | $0.63 \times$ | 22.30\% | 12,582 | \$55.72 | \$701,069 | 19,971 |
| Home Health C | Home HealthC | c | 4,524 x | 100\% x | 30\% x | $0.38 \times$ | 9.80\% | 51 | \$19.02 | \$970 | 134 |
| Home Health D | Home HealthD | D | 9,501 x | 88\% x | 82\% x | $0.38 \times$ | 22.50\% | 586 | \$25.39 | \$14,879 | 1,542 |
| Hospices | Hospices | Hospices |  |  |  |  | 0.00\% |  |  |  |  |
| Hospices A | HospicesA | Category A | 10,565 $\times$ | 77\% x | 46\% x | $0.63 \times$ | 22.50\% | 530 | \$55.72 | \$29,532 | 841 |
| Hospices C | HospicesC | c | $154 \times$ | $37 \%$ x | 50\% x | $0.38 \times$ | 9.80\% | 1 | \$19.02 | \$19 | 3 |
| Hospices D | HospicesD | D | $27 \times$ | 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 | $33 \% \mathrm{x}$ | 77\% x | 0.63 x | 15.40\% | 122 | \$55.72 | \$6,798 | 94 |
| Hemodialysis C | Hemodialysis | C | $87 \times$ | 69\% x | 54\% x | $0.38 \times$ | 22.50\% | 3 | \$19.02 | \$57 | 8 |
| Hemodialysis D | Hemodialysis | D | $230 \times$ | 48\% x | 60\% x | $0.38 \times$ | 12.90\% | 3 | \$25.39 | \$76 | 8 |
| Drug Rehabilitation | Drug Rehabilitation | Drug Rehabilitation |  |  |  |  | 0.00\% |  |  |  |  |
| Drug Rehabil A | Drug RehabilitationA | Category A | 6,067 x | 49\% x | 56\% x | $0.63 \times$ | 15.40\% | 162 | \$55.72 | \$9,027 | 257 |
| Drug Rehabil C | Drug RehabilitationC | C | $149 \times$ | 35\% x | 100\% $\times$ | $0.38 \times$ | 22.50\% | ${ }_{7}^{4}$ | \$19.02 | \$176 | 11 |
| Drug Rehabil D | Drug RehabilitationD | D | $506 \times$ | 100\% x | 30\% x | $0.38 \times$ | 12.90\% | 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 | $0.63 \times$ | 13.50\% | 1,315 | \$55.72 | \$73,272 | 2,087 |
| Government I C | Government ClinicsC | C | $381 \times$ | 67\% x | 33\% x | $0.38 \times$ | 9.80\% |  | \$19.02 | \$57 | $8^{8}$ |
| Government I D | Government ClinicsD | D | 3,808 $\times$ | 37\% x | 65\% x | $0.38 \times$ | 12.90\% | 45 | \$25.39 | \$1,143 | 118 |
| Blood/Plasma/Tissue Centers | Blood/Plasma/Tissue Centers | Blood/Plasma/Tissue Centers |  |  |  |  | 0.00\% |  |  |  |  |
| Blood/Plasme A | Blood/Plasma/Tissue CentersA | Category A | 36,820 x | 60\% x | 42\% x | $0.63 \times$ | 12.90\% | 754 | \$55.72 | \$42,013 | 1,197 |
| Blood/Plasmé C | Blood/Plasma/Tissue CentersC | c | $405 \times$ | 80\% x | 30\% x | $0.38 \times$ | 9.80\% | 4 | \$19.02 | \$76 | 11 |
| Blood/Plasme D | Blood/Plasma/Tissue CentersD | D | $789 \times$ | 51\% x | 44\% x | $0.38 \times$ | 22.50\% | 15 | \$25.39 | \$381 | 39 |
| Residential Care ( $75 \%$ employe | Residential Care ( $75 \%$ employees on- site) | Residential Care ( $75 \%$ employees on- site) |  |  |  |  | 0.00\% |  |  |  |  |
| Residential C A | Residential Care ( $75 \%$ employees on- site)A | Category A | 53,569 x | 73\% x | 50\% x | $0.63 \times$ | 24.30\% | 2,993 | \$55.72 | \$166,770 | 4,751 |
| Residential C C | Residential Care ( $75 \%$ employees on- site)C | C | 1,479 x | 100\% x | 50\% x | 0.38 x | 9.80\% | 28 | \$19.02 | \$533 | 74 |
| Residential C D | Residential Care ( $75 \%$ employees on-site)D | D | $8,778 \times$ | $42 \% \mathrm{x}$ | 50\% x | $0.38 \times$ | 9.80\% | 69 | \$25.39 | \$1,752 | 182 |
| Residential Care ( $25 \%$ employe | Residential Care ( $25 \%$ employees off-site) | Residential Care ( $25 \%$ employees off-site) |  |  |  |  | 0.00\% |  |  |  |  |
| Residential C A | Residential Care ( $25 \%$ employees off-site)A | Category A | 17,856 x | $73 \% \mathrm{x}$ | 50\% x | 1.92 x | 24.30\% | 3,041 | \$55.72 | \$169,445 | 1,584 |
| Residential C C | Residential Care ( $25 \%$ employees off-site)C | C | $493 \times$ | 100\% x | 50\% x | 1.67 x | 9.80\% | 40 | \$19.02 | \$761 | 24 |
| Residential C D | Residential Care ( $25 \%$ employees off-site)D | D | 2,926 x | 42\% x | 50\% x | 1.67 x | 9.80\% | 101 | \$25.39 | \$2,564 | 60 |
| Personal Services | Personal Services | Personal Services |  |  |  |  | 0.00\% |  |  |  |  |
| Personnel Se A | Personnel ServicesA | Category A | 61,387 x | 88\% x | 30\% x | $1.92 \times$ | 8.70\% | 2,707 | \$55.72 | \$150,834 | 1,410 |
| Personnel Se D | Personnel ServicesD | D | 102,090 x | 100\% x | 30\% x | 1.67 x | 9.80\% | 5,012 | \$25.39 | \$127,255 | 3,001 |
| Funeral Services | Funeral Services | Funeral Services |  |  |  |  | 0.00\% |  |  |  |  |
| Funeral Servi A | Funeral ServicesA | Category A | 53,408 $\times$ | 65\% x | 49\% x | $1.92 \times$ | 12.90\% | 4,213 | \$55.72 | \$234,748 | 2,194 |
| Funeral Servi C | Funeral ServicesC | C | $2,846 \times$ | 100\% x | 50\% x | $1.67 \times$ | 9.80\% | 233 | \$19.02 | \$4,432 | 140 |
| Funeral Servi D | Funeral ServicesD | D | 3,387 x | 100\% x | 30\% x | 1.67 x | 9.80\% | 166 | \$25.39 | \$4,215 | 99 |
| Health Units in Industry | Health Units in Industry | Health Units in Industry |  |  |  |  | 0.00\% |  |  |  |  |
| Health Units i A | Health Units in IndustryA | Category A | $34,184 \times$ | 70\% x | 43\% x | $1.92 \times$ | 19.50\% | 3,852 | \$55.72 | \$214,633 | 2,006 |


| Health Units i B | Health Units in Industry ${ }^{\text {a }}$ | B | 141,051 x | 83\% x | 30\% x | $1.92 \times$ | 9.80\% | 6,608 | \$29.36 | \$194,011 | 3,442 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Health Units i D | Health Units in Industry | 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 | $87,484 \times$ | $54 \% \mathrm{x}$ | 65\% x | $1.92 \times$ | 12.90\% | 7,605 | \$55.72 | \$423,751 | 3,961 |
| Research Lat C | Research LabsC | C | 1,315 x | 79\% x | 31\% x | $1.67 \times$ | 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 Equï A | Medical Equipment RepairA | Category A | 473 x | 84\% x | 30\% x | $1.92 \times$ | 22.50\% | 51 | \$55.72 | \$2,842 | 27 |
| Medical Equif B | Medical Equipment RepairB | B | 200 x | 90\% x | 30\% x | 1.92 x | 12.90\% | 13 | \$29.36 | \$382 | 7 |
| Medical Equil C | Medical Equipment Repair | c | 5,152 x | 92\% x | 30\% x | 1.67 x | 12.90\% | 306 | \$19.02 | \$5,820 | 183 |
| Medical Equi; 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 | $0.63 \times$ | 7.80\% | 5,841 | \$55.72 | \$325,461 | 9,271 |
| Law Enforcer B | Law EnforcementB | B | 1,769 x | 47\% x | 83\% x | $0.63 \times$ | 9.80\% | 43 | \$29.36 | \$1,262 | 68 |
| Law Enforcer C | Law EnforcementC | c | 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 | $1.92 \times$ | 12.90\% | 10,943 | \$55.72 | \$609,744 | 5,699 |
| Fire and Resc B | Fire and RescueB | B | 228,944 x | 44\% x | 69\% x | $1.92 \times$ | 22.50\% | 30,027 | \$29.36 | \$881,593 | 15,639 |
| Fire and Resi 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 A | Correctional FacilitiesA | Category A | 19,628 $\times$ | 79\% x | 42\% x | $0.63 \times$ | 19.50\% | 800 | \$55.72 | \$44,576 | 1,270 |
| Correctional B | Correctional FacilitiesB | B | 194,108 $\times$ | 97\% x | 30\% x | 0.63 x | 12.90\% | 4,591 | \$29.36 | \$134,792 | 7,287 |
| Correctional C | Correctional FacilitiesC | c | 17,033 x | 90\% x | 30\% x | 0.38 x | 17.70\% | 309 | \$19.02 | \$5,877 | 813 |
| Correctional 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 | Lifesaving A | Category A | 5,000 x | 75\% x | 68\% x | $1.92 \times$ | 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 | $1.92 \times$ | 15.00\% | 2,032 | \$55.72 | \$113,223 | 1,058 |
| Schools D | SchoolsD | D | 17,848 $\times$ | 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 Remo' A | Waste RemovalA | Category A Total | 13,300 x | 100\% x | 30\% x | $1.92 \times$ | 22.50\% | $\begin{array}{r} 1,724 \\ 269,012 \end{array}$ | \$55.72 | $\begin{array}{r} \$ 96,061 \\ \$ 13,072,522 \end{array}$ | $\begin{array}{r} 898 \\ 323,879 \end{array}$ |
| Dollar costs maynot reflect the total of cost x hours as a result of rounding. |  |  | 8,399,358 |  |  |  |  |  |  |  |  |

professional tirme x occupatitional turnover rate
Cost $=\#$ of workers $\times$ (Non-vaccin
Assumptions: $x$ (Non-vaccination rate) x employee participation rate x cost of vaccination x occupational turnover rate
15 minutes $(.25)$ hour for licensed health care professional to provide hepatitis b vaccination and (.50 for vaccine and post vaccination screenin
30 minutes $(.50$ hour for licensed health care professional to provide vaccination and post-vaccination screening) 30 minutes $(.50$ hour for icensed heatht care protessional to provide vaccination and post-vaccination screening)
Cost of $H$ epatitis B vaccine is 128 , and the cost of the tither is $\$ 90$; for vaccination and post-vaccination total is $\$ 21 \varepsilon$ Wage Rate for Health Care Professional is $\$ 47.36$

| SectorCategory |  |  | Non- <br> Vaccination <br> Rate |
| :---: | :---: | :---: | :---: |
|  | Sector/Employment Category | Employees |  |
|  | Office of the Physicians |  |  |
| Office of the PhysiciansA | Category A | 1,284,076 | 57\% |
| Office of the PhysiciansC | c | 9,248 | 67\% |
| Office of the PhysiciansD | Office of Dentists |  | 37\% |
| Office of Dentists |  |  |  |
| Office of DentistsA | Category A | 483,407 | 33\% |
| Office of DentistsC | Nursing Homes (75\% employees on- site) |  | 80\% |
| Nursing Homes ( $75 \%$ employees on- site) |  |  |  |
| Nursing Homes ( $75 \%$ employees on-site)A | Category A | 496,395 | 57\% |
| Nursing Homes ( $75 \%$ employees on-site)C |  | 32,026 | 67\% |
| Nursing Homes ( $75 \%$ employees on-site)D | D | 5,338 | 37\% |
| Nursing Homes ( $25 \%$ employees off-site) | Nursing Homes ( $25 \%$ employees off-site) |  |  |
| Nursing Homes (25\% employees off-site)A | Category A | 165,465 | 57\% |
| Nursing Homes (25\% employees off-site)C | C | 10,675 | 67\% |
| Nursing Homes (25\% employees off-site)D | Hospitals 1,779 |  | 37\% |
| Hospitals |  |  |  |
| HospitalsA | Category A | 2,399,365 | 54\% |
| HospitalsB | B | 205,009 | 54\% |
| HospitalsC | c | 318,903 | 69\% |
| Medical and Dental Labs | Medical and Dental Labs |  |  |
| Medical and Dental LabsA | Category A | 276,866 | 58\% |
| Medical and Dental LabsC | c | 2,132 | 88\% |
| Medical and Dental LabsD | Home Health 240,392 |  | 100\% |
| Home Health |  |  |  |
| Home HealthA | Category A | 306,068 | 77\% |
| Home HealthC | c | 4,524 | 100\% |
| Home HealthD | D | 9,501 | 88\% |
| Hospices | Hospices |  |  |
| HospicesA | Category A | 10,565 | 77\% |
| HospicesC | C | 154 | 37\% |
| HospicesD | ${ }_{\text {D }}$ Hemodialysis ${ }^{\text {a }}$ |  | 100\% |
| Hemodialysis |  |  |  |
| HemodialysisA | Category A | 4,964 | 33\% |
| HemodialysisC | c | 87 | 69\% |
| HemodialysisD | ${ }_{\text {Drug Rehabilitation }}{ }^{230}$ |  | 48\% |
| Drug Rehabilitation |  |  |  |
| Drug RehabilitationA | Category A | 6,067 | 49\% |
| Drug RehabilitationC | C | 149 | 35\% |
| Drug RehabilitationD | ${ }_{\text {Government Clinics }}$ |  | 100\% |
| Government Clinics |  |  |  |
| Government ClinicsA | Category A | 52,156 | 57\% |
| Government Clinics C | C | 381 | 67\% |
| Government ClinicsD | D | 3,808 | 37\% |
| Blood/Plasma/Tissue Centers | ${ }^{\text {Blood/Plasma/Tissue Centers }}$ |  |  |
| Blood/Plasma/Tissue CentersA |  |  | 60\% |
| Blood/Plasma/Tissue CentersC | C | 405 | 80\% |
| Blood/Plasma/Tissue CentersD | ${ }_{\text {Residential Care ( }}^{\text {( }} 50$ employees on- site) ${ }^{\text {a }}$ ( 789 |  | 51\% |
| Residential Care ( $75 \%$ employees on- site) |  |  |  |
| Residential Care (75\% employees on- site)A | Category A | 53,569 | 73\% |
| Residential Care ( $75 \%$ employees on- site)C | C | 1,479 | 100\% |
| Residential Care ( $75 \%$ employees on-site) ${ }^{\text {D }}$ |  | 8,778 | 42\% |
| Residential Care ( $25 \%$ employees off-site) | Residential Care (25\% employees off-site) ${ }^{\text {a }}$ (7,856 |  |  |
| Residential Care (25\% employees off-sitie)A |  |  | 73\% |
| Residential Care ( $25 \%$ employees off-sitit)C | C | 493 | 100\% |
| Residential Care (25\% employees off-site)D | ${ }_{\text {Dersonnel Services }}$ |  | 42\% |
| Personnel Services |  |  |  |
| Personnel ServicesA | Category A | 61,387 | 88\% |
| Personnel ServicesD | D | 102,090 | 100\% |
| Funeral Services | Funeral Services |  |  |
| Funeral ServicesA | Category A | 53,408 | 65\% |
| Funeral ServicesC | c | 2,846 | 100\% |
| Funeral ServicesD | Health Units in Industry |  | 100\% |
| Health Units in Industry |  |  |  |
| Heath Units in IndustryA | Category A | 34,184 | 70\% |
| Health Units in Industry | B | 141,051 | 83\% |
| Health Units in Industry | - | 3,497 | 30\% |
| Research Labs | Research Labs |  |  |
| Research LabsA | Category A | 87,484 | 54\% |

Healthcare Profess
Time

## ccupational

Turnover Rate Burden Hours
No
13,131
50
717
957
27
17
17.543
263
24

No. 13
Responses

Employee
Participation Rate



26,262
200

20,202
2086
2,868

| Research LabsC | c | 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 | B | 200 | 90\% | 30\% | \$218x | 12.90\% |  |  | \$1,519 |  |
| Medical Equipment RepairC | c | 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 | B | 1,769 | 47\% | 83\% | $0.25 \times$ | 9.80\% | 17 | \$867 |  | 68 |
| Law EnforcementC | c | 4,072 | 98\% | 30\% | $0.25 \times$ | 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 | B | 228,944 | 44\% | 69\% | \$218 $\times$ | 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 Correctional FacilitiesB | Category A | 19,628 194108 | 79\% | 42\% | $0.5 \times$ $0.25 \times$ | 19.50\% $12.90 \%$ | ${ }_{1}^{635}$ | \$32,398 |  | 1,270 |
| Correctional FacilitiesB Correctional FacilitiesC | ${ }_{\text {c }}^{\text {B }}$ | 194,108 17,033 | ${ }_{90 \%}^{97 \%}$ | 30\% | 0.25 x 0.25 x | $12.90 \%$ $17.70 \%$ | 1,822 204 | \$992,958 |  | 7,288 816 |
| Correctional FacilitiesD | D | 50,790 | 98\% | 30\% | $0.25 \times$ | 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 17,848 | 100\% 100\% | $30 \%$ $30 \%$ | $\$ 218 \mathrm{x}$ $\$ 128 \mathrm{x}$ | 15.00\% 22.50\% |  |  | \$230,672 $\mathbf{\$ 1 5 4 , 2 0 7}$ |  |
| Waste Removal | Waste Removal |  |  |  |  | 0.00\% |  |  |  |  |
| Waste RemovalA | Category A Totals | 13,300 | 100\% | 30\% | \$128 x | 22.50\% | 123,832 | \$6,317,908 | $\begin{array}{r} \$ 114,912 \\ \$ 11,382,628 \end{array}$ | 267,020 |
|  |  | 8,399,358 |  |  |  |  |  |  |  |  |






| and $0.8 \%$ for all other sectors Unit cost of HIV antibody test = \$ | , | Table 4-1 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sector | Exposures | Source Participation | Hours/HIV | Hours |  | Hours | \#12 | \#13 | Responses |
| Offies of physidise | (179.93 | ${ }_{50 \%}^{50 \%}$ | ${ }_{\substack{0.083 \\ 0.083}}$ |  |  |  |  |  | cier |
| Nusing tomes |  | 50\% | 0.093 |  |  | ci, | Siciorl |  | (22, |
| Mediciar and dental las | 5,664 | 50\% | 0.003 |  |  | ${ }^{235}$ | S1,900 |  | - |
| Hosmes | ${ }^{\text {8, }} 999$ | 50\% | ${ }_{0}^{0.003}$ |  |  | ${ }_{37}$ | s1, 1888 |  | ${ }_{4}^{4.416}$ |
|  | ${ }_{\text {5,302 }}^{283}$ |  | ${ }_{\substack{\text { coios } \\ \text { 0.033 }}}^{\text {0.03 }}$ |  |  | $\underset{12}{220}$ |  |  | ${ }_{\text {2, }}^{1.659}$ |
| - |  | 50\% | (0.083 |  |  | ${ }_{828}^{685}$ | cis |  |  |
|  | ${ }_{\text {\% }}^{\substack{7,909 \\ 2,909}}$ | ${ }_{\text {50\% }}^{50 \%}$ |  |  |  |  | \$16,530 |  |  |
|  |  |  | 旡s20 | (0.088 | (ism |  |  |  |  |
| (Research Labs | (494 | ${ }_{\text {50\% }}^{50 \%}$ | ${ }_{520}^{520}$ | 0.08 0.08 | ${ }_{\substack{330 \\ 830}}$ |  |  |  |  |
| Medicil Eauipener Repair |  | 50\% |  | ${ }^{0.08}$ | 530 | ${ }^{1.138}$ |  | 529,400 |  |
| Frie and Resue |  |  |  | 0.08 | 530 |  |  | \$150,371 | 4.590 |
| $\underset{\substack{\text { Linesuing } \\ \text { Scroos }}}{ }$ | -457 | 50\% | S20 | ${ }_{0}^{0.088}{ }_{0}^{0.08}$ | ${ }_{\substack{530 \\ 830}}$ |  |  | S. 5 S.1188 |  |
| Waste Removal | 50 | 50\% | 520 | 0.08 | 530 | 39.51 |  |  | 47725 |
|  | 1,189,683 | 594,82\% |  | Taple 4. |  |  |  |  |  |








| Hours | Item 12 |  | Item 13 | Responses |
| :--- | :---: | :---: | :---: | :---: |
|  | 11,402 | $\$ 616,494 \mathrm{NA}$ | 53,119 |  |

HBV Antibody Testing for Vaccinated Workers (Employee Time)
Hours $=$ Number of exposures $\times \%$ vaccinated $\times$ employee time $\times 10 \% \times(1-$ compliance rate $)$
Assumptions:
percent vaccinated $=$ prior vaccination rate + employee participation reate $\times(1-$ 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.

| Sector | Exposures | \% Vaccinated | Employee Time |
| :---: | :---: | :---: | :---: |
| Office of the Physicians |  |  |  |
| Category A | 179,493 x | 73\% x | 0.128 x |
| C | 0 x | 55\% x | 0.128 x |
| D | 0 x | 87\% x | 0.128 x |
| Office of Dentists |  |  |  |
| Category A | 279,485 x | 92\% x | 0.128 x |
| C | $43,075 \times$ | 44\% x | 0.128 x |
| Nursing Homes |  |  |  |
| Category A | 35,746 x | 38\% x | 0.128 x |
| C | $5,002 \mathrm{x}$ | 31\% x | 0.128 x |
| D | $4,636 \mathrm{x}$ | 30\% x | 0.128 x |
| Hospitals |  |  |  |
| Category A | 254,449 x | 77\% x | 0.128 x |
| B | $34,579 \mathrm{x}$ | 77\% x | 0.128 x |
| C | 30,799 x | 62\% x | 0.128 x |
| Medical and Dental Labs |  |  |  |
| Category A | 5,177 x | 79\% x | 0.128 x |
| C | 0 x | 38\% x | 0.128 x |
| D | 487 x | 30\% x | 0.128 x |
| Home Health |  |  |  |
| Category A | 6,244 x | 52\% x | 0.128 x |
| C | 0 x | 30\% x | 0.128 x |
| D | 2,575 x | 84\% x | 0.128 x |
| Hospices |  |  |  |
| Category A | 684 x | 58\% x | 0.128 x |
| C | 0 x | 82\% x | 0.128 x |
| D | 215 x | 30\% x | 0.128 x |
| Hemodialysis |  |  |  |
| Category A | 4,684 x | 92\% x | 0.128 x |
| C | 477 x | 68\% x | 0.128 x |
| D | 141 x | 81\% x | 0.128 x |


| Share ot Vaccinated Employees Receiving Tests | Table 5 |  | Wage Rates $\begin{array}{lc}\text { Burden } \\ \text { Hours }\end{array}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | One | Compliance Rate |  |  | Number 12 | Responses |
| $0.1 \times$ ( | 1 - | $27 \%$ ) $=$ | \$55.72 | 1,224 | \$68,201 | 9,563 |
| $0.1 \times$ ( | 1 - | 27\% ) = | \$19.02 | 0 | \$0 | 0 |
| $0.1 \times$ ( | 1 - | 27\% ) = | \$25.39 | 0 | \$0 | 0 |
| $0.1 \times 1$ | 1 - | $19 \%)=$ | \$55.72 | 2,666 | \$148,550 | 20,828 |
| $0.1 \times$ ( | 1 - | $19 \%$ ) $=$ | \$19.02 | 197 | \$3,747 | 1,539 |
| $0.1 \times 1$ | 1 - | $31 \%$ ) $=$ | \$55.72 | 120 | \$6,686 | 938 |
| $0.1 \times$ ( | 1 - | $31 \%$ ) $=$ | \$19.02 | 14 | \$266 | 109 |
| $0.1 \times$ ( | 1 - | $31 \%$ ) | \$25.39 | 12 | \$305 | 94 |
| $0.1 \times 1$ | 1 - | $76 \%$ ) $=$ | \$55.72 | 602 | \$33,543 | 4,703 |
| $0.1 \times 1$ | 1 - | 76\% ) = | \$29.36 | 82 | \$2,408 | 641 |
| $0.1 \times$ ( | 1 - | 76\% ) = | \$19.02 | 59 | \$1,122 | 461 |
| $0.1 \times 1$ | 1 - | 86\% ) = | \$55.72 | 7 | \$390 | 55 |
| $0.1 \times 1$ | 1 - | $86 \%$ ) $=$ | \$19.02 | 0 | \$0 | 0 |
| $0.1 \times$ ( | 1 - | 86\% ) = | \$25.39 | 0 | \$0 | 0 |
| $0.1 \times 1$ | 1 - | 67\% ) = | \$55.72 | 14 | \$780 | 109 |
| $0.1 \times 1$ | 1 - | 67\% ) = | \$19.02 | 0 | \$0 | 0 |
| $0.1 \times$ ( | 1 - | 67\% ) = | \$25.39 | 9 | \$229 | 70 |
| $0.1 \times 1$ | 1 - | 60\% ) = | \$55.72 | 2 | \$111 | 16 |
| $0.1 \times 1$ | 1 - | 60\% ) = | \$19.02 | 0 | \$0 | 0 |
| $0.1 \times 1$ | 1 - | 60\% ) = | \$25.39 | 0 | \$0 | 0 |
| $0.1 \times 1$ | 1 - | 93\% ) = | \$55.72 | 4 | \$223 | 31 |
| $0.1 \times 1$ | 1 - | 93\% ) = | \$19.02 | 0 | \$0 | 0 |
| $0.1 \times$ ( | 1 - | 93\% ) = | \$25.39 | 0 | \$0 | 0 |

Drug Rehabilitation

| Category A | 283 x | 78\% x | 0.128 x | $0.1 \times 1$ | 1 - | 77\% ) = | \$55.72 | 1 | \$56 | 8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C | 0 x | 100\% x | 0.128 x | $0.1 \times$ ( | 1 - | $77 \%$ ) | \$19.02 | 0 | \$0 | 0 |
| D | 0 x | 30\% x | 0.128 x | $0.1 \times$ ( | 1 - | $77 \%$ ) | \$25.39 | 0 | \$0 | 0 |
| Government Clinics |  |  |  |  |  |  |  |  |  |  |
| Category A | 16,013 x | $73 \% \mathrm{x}$ | 0.128 x | $0.1 \times 1$ | 1 - | 27\% ) = | \$55.72 | 109 | \$6,073 | 852 |
| C | 0 x | 55\% x | 0.128 x | $0.1 \times$ ( | 1 - | 27\% ) = | \$19.02 | 0 | \$0 | 0 |
| D | 0 x | 87\% x | 0.128 x | $0.1 \times$ ( | 1 - | 27\% ) = | \$25.39 | 0 | \$0 | 0 |
| Blood/Plasma/Tissue Centers |  |  |  |  |  |  |  |  |  |  |
| Category A | 6,453 x | 65\% x | 0.128 x | $0.1 \times$ ( | 1 - | 66\% ) = | \$55.72 | 18 | \$1,003 | 141 |
| C | 139 x | 44\% x | 0.128 x | $0.1 \times 1$ | 1 - | 66\% ) = | \$19.02 | 0 | \$0 | 0 |
| D | 197 x | $71 \% \mathrm{x}$ | 0.128 x | $0.1 \times$ ( | 1 - | 66\% ) = | \$25.39 | 1 | \$25 | 8 |
| Residential Care |  |  |  |  |  |  |  |  |  |  |
| Category A | $4,850 \mathrm{x}$ | 64\% x | 0.128 x | $0.1 \times$ ( | 1 - | $39 \%$ ) | \$55.72 | 24 | \$1,337 | 188 |
| C | 388 x | 30\% x | 0.128 x | $0.1 \times$ ( | 1 - | 39\% ) = | \$19.02 | 1 | \$19 | 8 |
| D | $2,571 \mathrm{x}$ | $73 \% \mathrm{x}$ | 0.128 x | $0.1 \times$ ( | 1 - | $39 \%$ ) | \$25.39 | 15 | \$381 | 117 |
| Personnel Services |  |  |  |  |  |  |  |  |  |  |
| Category A | 2,993 x | 38\% x | 0.5 x | $0.1 \times 1$ | 1 - | 83\% ) = | \$55.72 | 10 | \$557 | 20 |
| D | 0 x | 30\% x | 0.5 x | $0.1 \times 1$ | 1 - | $0 \%)=$ | \$25.39 | 0 | \$0 | 0 |
| Funeral Services |  |  |  |  |  |  |  |  |  |  |
| Category A | 11,735 x | 67\% x | 0.5 x | $0.1 \times 1$ | 1 - | $31 \%$ ) | \$55.72 | 271 | \$15,100 | 542 |
| C | 0 x | 30\% x | 0.5 x | $0.1 \times$ ( | 1 - | $31 \%$ ) | \$19.02 | 0 | \$0 | 0 |
| D | 0 x | 64\% x | 0.5 x | $0.1 \times$ ( | 1 - | $31 \%$ ) | \$25.39 | 0 | \$0 | 0 |
| Health Units in Industry |  |  |  |  |  |  |  |  |  |  |
| Category A | 186,835 x | 60\% x | 0.5 x | $0.1 \times$ ( | 1 - | $2 \%)=$ | \$55.72 | 5,493 | \$306,070 | 10,986 |
| B | 0 x | 42\% x | 0.5 x | $0.1 \times$ ( | 1 - | $2 \%$ ) $=$ | \$29.36 | 0 | \$0 | 0 |
| D | 0 x | 30\% x | 0.5 x | $0.1 \times$ ( | 1 - | $2 \%)=$ | \$25.39 | 0 | \$0 | 0 |
| Research Labs |  |  |  |  |  |  |  |  |  |  |
| Category A | 494 x | 81\% x | 0.5 x | $0.1 \times 1$ | 1 - | 70\% ) = | \$55.72 | 6 | \$334 | 12 |
| C | 0 x | 45\% x | 0.5 x | $0.1 \times 1$ | 1 - | 70\% ) = | \$19.02 | 0 | \$0 | 0 |
| D | 0 x | 81\% x | 0.5 x | $0.1 \times$ ( | 1 - | 70\% ) = | \$25.39 | 0 | \$0 | 0 |
| Linen Service |  |  |  |  |  |  |  |  |  |  |
| D | $3,000 \mathrm{x}$ | $30 \% \mathrm{x}$ | 0.5 x | $0.1 \times$ ( | 1 - | 90\% ) = | \$25.39 | 5 | \$127 | 10 |
| Medical Equipment Repair |  |  |  |  |  |  |  |  |  |  |
| Category A | 0 x | 41\% x | 0.5 x | $0.1 \times$ ( | 1 - | 26\% ) = | \$55.72 | 0 | \$0 | 0 |
| B | 0 x | 37\% x | 0.5 x | $0.1 \times$ ( | 1 - | 26\% ) = | \$29.36 | 0 | \$0 | 0 |
| C | 161 x | 36\% x | 0.5 x | $0.1 \times 1$ | 1 - | 26\% ) = | \$19.02 | 2 | \$38 | 4 |
| D | $2,464 \times$ | 30\% x | 0.5 x | $0.1 \times$ ( | 1 - | 26\% ) = | \$25.39 | 27 | \$686 | 54 |
| Law Enforcement |  |  |  |  |  |  |  |  |  |  |
| Category A | 18,993 x | 42\% x | 0.128 x | $0.1 \times 1$ | 1 - | 96\% ) = | \$55.72 | 4 | \$223 | 31 |
| B | 2,770 x | 92\% x | 0.128 x | $0.1 \times 1$ | 1 - | 96\% ) = | \$29.36 | 1 | \$29 | 8 |
| C | 1,444 x | $31 \% \mathrm{x}$ | 0.128 x | $0.1 \times$ ( | 1 - | 96\% ) = | \$19.02 | 0 | \$0 | 0 |
| D | 4,204 x | 46\% x | 0.128 x | $0.1 \times$ ( | 1 - | 96\% ) = | \$25.39 | 1 | \$25 | 8 |

Fire and Rescue

## Category A

## B

Correctional Facilities
Category A
B
C
D
Lifesaving
Category A
Schools
Category A
D
Waste Removal
Category A
Total

| 10,411 x | 89\% x | 0.5 x | $0.1 \times$ ( | 1 - | $71 \%$ ) | \$55.72 | 134 | \$7,466 | 268 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 857 x | 86\% x | 0.5 x | $0.1 \times$ ( | 1 - | 71\% ) = | \$29.36 | 11 | \$323 | 22 |
| 2,158 x | 92\% x | 0.5 x | $0.1 \times$ ( | 1 - | $71 \%$ ) $=$ | \$25.39 | 29 | \$736 | 58 |
| $3,034 \times$ | 54\% x | 0.128 x | $0.1 \times$ ( | 1 - | $39 \%$ ) | \$55.72 | 13 | \$724 | 102 |
| 1,887 x | 32\% x | 0.128 x | $0.1 \times$ ( | 1 - | 39\% ) = | \$29.36 | 5 | \$147 | 39 |
| 459 x | 30\% x | 0.128 x | $0.1 \times$ ( | 1 - | $39 \%$ ) | \$19.02 | 1 | \$19 | 8 |
| $3,793 \mathrm{x}$ | $31 \% \mathrm{x}$ | 0.128 x | $0.1 \times 1$ | 1 - | $39 \%$ ) $=$ | \$25.39 | 9 | \$229 | 70 |
| 457 x | 76\% x | 0.5 x | $0.1 \times 1$ | 1 - | $50 \%)=$ | \$55.72 | 9 | \$501 | 18 |
| 6,321 x | 30\% x | 0.5 x | $0.1 \times 1$ | 1 - | $0 \%$ ) | \$55.72 | 95 | \$5,293 | 190 |
| 6,321 x | 30\% x | 0.5 x | $0.1 \times$ ( | 1 - | $0 \%)=$ | \$25.39 | 95 | \$2,412 | 190 |
| 50 x | 30\% x | 0.5 x | $0.1 \times 1$ | 1 - | 50\% ) = | \$55.72 | 0 | \$0 | 0 |
|  |  |  |  |  |  |  | 11,402 | \$616,494 | 53,119 |

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

* percent of vaccinated $=$ prior vaccination rate + employee participation rate x ( 1 - prior vaccination rate)

This assumes that no previously non-vaccinated worker was offered and declined free vaccination

* Health care professional time is equivalent to $1 / 3$ time required to administer the HBV vaccine.
* Cost of HBV antibody test = $\$ 30$
* Employee participation rate is estimated to be $10 \%$
Category A Office of Physicans
C
D
Office Of Dentists
A
C
Nursing Homes
Category A
C
D
Hospitals
Category A
B
C
Medical and Dental Labs
Category A
B
C
Home Health
Category A
C
D
Hospices
Category A
C
D
Hemodialysis
Category A
C
D
Drug Rehabilitation
Category A
C
D
Government Clinics
Category A
C
D
Blood/Plasma/Tissue Centers
Category A
C
D
Residential Care
Category A
C
D

C
C

| Exposures | \% Vaccinated |
| :---: | :---: |
| 179,493 x | $73 \% \mathrm{x}$ |
| 0 x | 55\% x |
| 0 x | 87\% x |
| 279,485 x | 92\% x |
| 43,075 x | 44\% x |
| 35,746 x | 38\% x |
| 5,002 x | 31\% x |
| 4,636 x | 30\% x |
| 254,449 x | 77\% x |
| 34,579 x | 77\% x |
| 30,799 x | 62\% x |
| 5,177 x | 79\% x |
| 0 x | 38\% x |
| 487 x | 30\% x |
| 6,244 x | 52\% x |
| 0 x | 30\% x |
| 2,575 x | 84\% x |
| 684 x | 58\% x |
| 0 | 82\% |
| 215 | 30\% |
| 4,684 | 92\% |
| 477 | 58\% |
| 141 | 81\% |
| 283 | 78\% |
| 0 | 100\% |
| 0 | 30\% |
| 16,013 | 73\% x |
| 0 | 55\% x |
| 0 | 87\% x |
| 6,453 x | 65\% x |
| 139 x | 44\% x |
| 197 x | 51\% x |
| 4,850 x | 64\% x |
| 388 x | 30\% x |
| 2,571 x | 73\% x |


| Health Care Professional Time | Employee Participation rate | One Minus \% Not Vaccinated |
| :---: | :---: | :---: |
| 0.083 x | $0.1 \times$ | (1-27\%) |
| 0.083 x | $0.1 \times$ | (1-27\%) |
| 0.083 x | $0.1 \times$ | (1-27\%) |
| 0.083 x | $0.1 \times$ | (1-19\%) |
| 0.083 x | $0.1 \times$ | (1-19\%) |
| 0.083 x | $0.1 \times$ | (1-31\%) |
| 0.083 x | $0.1 \times$ | (1-31\%) |
| 0.083 x | $0.1 \times$ | (1-31\%) |
| 0.083 x | $0.1 \times$ | (1-76\%) |
| 0.083 x | $0.1 \times$ | (1-76\%) |
| 0.083 x | $0.1 \times$ | (1-76\%) |
| 0.083 x | $0.1 \times$ | (1-86\%) |
| 0.083 x | $0.1 \times$ | (1-86\%) |
| 0.083 x | $0.1 \times$ | (1-86\%) |
| 0.083 x |  | (1-67\%) |
| 0.083 x | $0.1 \times$ | (1-67\%) |
| 0.083 x | $0.1 \times$ | (1-67\%) |
| 0.083 x | $0.1 \times$ | (1-60\%) |
| 0.083 x | $0.1 \times$ | (1-60\%) |
| 0.083 x | $0.1 \times$ | (1-60\%) |
| 0.083 x | $0.1 \times$ | (1-93\%) |
| 0.083 x | $0.1 \times$ | (1-93\%) |
| 0.083 x | $0.1 \times$ | (1-93\%) |
| 0.083 x | $0.1 \times$ | (1-77\%) |
| 0.083 x | $0.1 \times$ | (1-77\%) |
| 0.083 x | $0.1 \times$ | (1-77\%) |
| 0.083 x | $0.1 \times$ | (1-27\%) |
| 0.083 x | $0.1 \times$ | (1-27\%) |
| 0.083 x | $0.1 \times$ | (1-27\%) |
| 0.083 x | $0.1 \times$ | (1-66\%) |
| 0.083 x | $0.1 \times$ | (1-66\%) |
| 0.083 x | $0.1 \times$ | (1-66\%) |
| 0.083 x | $0.1 \times$ | (1-39\%) |
| 0.083 x | $0.1 \times$ | (1-39\%) |
| 0.083 x | $0.1 \times$ | (1-39\%) |


| \% Vaccinated | Hours | Item 12 Cost | \#13 Cost | RESPONSES |
| :---: | :---: | :---: | :---: | :---: |
| 73\% | 794 | \$40,510 |  | 9,566 |
| 73\% | 0 | \$0 |  | 0 |
| 73\% | 0 | \$0 |  | 0 |
| 81\% | 1729 | \$88,214 |  | 20,831 |
| 81\% | 127 | \$6,480 |  | 1,530 |
| 69\% | 78 | \$3,980 |  | 940 |
| 69\% | 9 | \$459 |  | 108 |
| 69\% | 8 | \$408 |  | 96 |
| 24\% | 390 | \$19,898 |  | 4,699 |
| 24\% | 53 | \$2,704 |  | 639 |
| 24\% | 38 | \$1,939 |  | 458 |
| 14\% | 5 | \$255 |  | 60 |
| 14\% | 0 | \$0 |  | 0 |
| 14\% | 0 | \$0 |  | 0 |
| 33\% | 9 | \$459 |  | 108 |
| 33\% | 0 | \$0 |  | 0 |
| 33\% | 6 | \$306 |  | 72 |
| 40\% | 1 | \$51 |  | 12 |
| 40\% | 0 | \$0 |  | , |
| 40\% | 0 | \$0 |  | 0 |
| 7\% | 3 | \$153 |  | 36 |
| 7\% | 0 | \$0 |  | 0 |
| 7\% | 0 | \$0 |  | 0 |
| 23\% | 0 | \$0 |  | 0 |
| 23\% | 0 | \$0 |  | 0 |
| 23\% | 0 | \$0 |  | 0 |
| 73\% | 71 | \$3,622 |  | 855 |
| 73\% | 0 | \$0 |  | 0 |
| 73\% | 0 | \$0 |  | 0 |
| 34\% | 12 | \$612 |  | 145 |
| 34\% | 0 | \$0 |  | 0 |
| 34\% | 0 | \$0 |  | 0 |
| 61\% | 16 | \$816 |  | 193 |
| 61\% | 1 | \$51 |  | 12 |
| 61\% | 10 | \$510 |  | 120 |


| Personnel Services |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Category A | 2,993 x | 38\% x | \$30.00 x | $0.1 \times$ (1-83\%) | 17\% |  |  | \$580 |  |
| D | 0 x | 30\% x | \$30.00 x | $0.1 \times$ ( $1-0 \%$ ) | 100\% |  |  | \$0 |  |
| Funeral Services |  |  |  |  |  |  |  |  |  |
| Category A | 11,735 x | 67\% x | \$30.00 x | $0.1 \times$ ( $1-31 \%$ ) | 69\% |  |  | \$16,275 |  |
| C | 0 x | 30\% x | \$30.00 x | $0.1 \times$ ( $1-31 \%$ ) | 69\% |  |  | \$0 |  |
| D | 0 x | 64\% x | \$30.00 x | $0.1 \times$ ( $1-31 \%$ ) | 69\% |  |  | \$0 |  |
| Health Units in Industry |  |  |  |  |  |  |  |  |  |
| Category A | 186,835 x | 60\% x | \$30.00 x | $0.1 \times$ ( $1-2 \%$ ) | 98\% |  |  | \$329,577 |  |
| B | 0 x | 42\% x | \$30.00 x | $0.1 \times$ ( $1-2 \%$ ) | 98\% |  |  | \$0 |  |
| C | 0 x | 30\% x | \$30.00 x | $0.1 \times$ ( $1-2 \%$ ) | 98\% |  |  | \$0 |  |
| Research Labs |  |  |  |  |  |  |  |  |  |
| Category A | 494 x | 81\% x | \$30.00 x | $0.1 \times$ ( $1-70 \%$ ) | 30\% |  |  | \$360 |  |
| C | 0 x | 45\% x | \$30.00 x | $0.1 \times$ (1-70\%) | 30\% |  |  | \$0 |  |
| D | 0 x | 81\% x | \$30.00 x | $0.1 \times$ (1-70\%) | 30\% |  |  | \$0 |  |
| Linen Services |  |  |  |  |  |  |  |  |  |
| Category D | 3,000 x | 30\% x | \$30.00 x | $0.1 \times$ ( $1-90 \%$ ) | 10\% |  |  | \$270 |  |
| Medical Equipment Repair |  |  |  |  |  |  |  |  |  |
| Category A | 0 | 41\% x | \$30.00 x | $0.1 \times$ ( $1-26 \%$ ) | 74\% |  |  | \$0 |  |
| B | 0 | 37\% x | \$30.00 x | $0.1 \times$ ( $1-26 \%$ ) | 74\% |  |  | \$0 |  |
| C | 161 | 36\% x | \$30.00 x | $0.1 \times$ (1-26\%) | 74\% |  |  | \$129 |  |
| D | 2,464 | 30\% x | \$30.00 x | $0.1 \times$ (1-26\%) | 74\% |  |  | \$1,641 |  |
| Law Enforcement |  |  |  |  |  |  |  |  |  |
| Category A | 18,993 | 42\% x | 0.083 x | $0.1 \times$ ( $1-96 \%$ ) | 4\% | 3 | \$153 |  | 36 |
| B | 2,770 | 92\% x | 0.083 x | $0.1 \times$ ( $1-96 \%$ ) | 4\% | 1 | \$51 |  | 12 |
| C | 1,444 | 31\% x | 0.083 x | $0.1 \times$ ( $1-96 \%$ ) | 4\% | 0 | \$0 |  | 0 |
| D | 4,204 | 46\% x | 0.083 x | $0.1 \times$ (1-96\%) | 4\% | 1 | \$51 |  | 12 |
| Fire and Rescure |  |  |  |  |  |  |  |  |  |
| Category A | 10,411 | 89\% | \$30.00 x | $0.1 \times$ ( $1-71 \%$ ) | 29\% |  |  | \$8,061 |  |
| B | 857 | 86\% | \$30.00 x | $0.1 \times$ ( $1-71 \%$ ) | 29\% |  |  | \$641 |  |
| D | 2,158 | 92\% | \$30.00 x | $0.1 \times$ ( $1-71 \%$ ) | 29\% |  |  | \$1,727 |  |
| Correctional Facilities |  |  |  |  |  |  |  |  |  |
| Category A | 3,034 | 54\% | 0.083 x | $0.1 \times$ ( $1-30 \%$ ) | 70\% | 10 | \$510 |  | 120 |
| B | 1,887 | 32\% | 0.083 x | $0.1 \times$ ( $1-30 \%$ ) | 70\% | 4 | \$204 |  | 48 |
| C | 459 | 30\% | 0.083 x | $0.1 \times$ ( $1-30 \%$ ) | 70\% | 1 | \$51 |  | 12 |
| D | 3,793 | 31\% | 0.083 x | $0.1 \times$ ( $1-30 \%$ ) | 70\% | 7 | \$357 |  | 84 |
| Lifesaving |  |  |  |  |  |  |  |  |  |
| Category A | 457 | 76\% | \$30.00 x | $0.1 \times$ ( $1-50 \%$ ) | 50\% |  |  | \$521 |  |
| Schools |  |  |  |  |  |  |  |  |  |
| Category A | 6,321 | 30\% | \$30.00 x | $0.1 \times$ ( $1-0 \%$ ) | 100\% |  |  | \$5,689 |  |
| D | 6,321 | 30\% | \$30.00 x | $0.1 \times$ ( $1-0 \%$ ) | 100\% |  |  | \$5,689 |  |
| Waste Removal |  |  |  |  |  |  |  |  |  |
| Category D | 50 | 30\% | \$30.00 x | $0.1 \times$ ( $1-50 \%$ ) | 50\% |  |  | \$23 |  |
| Total |  |  |  |  |  | 3,387 | \$172,804 | \$371,183 | 40,804 |

HBV Antiody Testing for Non-Vaccinated Workers (Employee Time)
HOURS $=\#$ exposures $\times$ ( $1-\%$ vaccinated) $\times$ employee time (source

SUMPTIONS:

- This assumeccinated * prior raccination rate + employee participation rate $\times$ ( 1 - prior vaccination rate).
* Employemet time is equivalent to $1 / 3 /$ of the time required to receive the HBV vacination.
$50 \%$ of
$50 \%$ of sources will agree to be tested: $50 \%$ of sources will refuse to be testec.
For exposures where the source agree to be tested, the estimated percent of exposures in which the non-vacimate empoyee would agree or be tested is equivaiento the RSS, since els would
most likely only be tested if the source was found to be positive.
$* 5 \%$ of exposures are attributable to a matter of a high risk grou
- 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.

| Sector | Exposures | One | \% Vaccinated | Employee | Source tion Rate | RSS | Sources <br> Refusing Tes | \% Exposures Attributable to High Risk Group | One | Compliance | Wage | HOURS | \#12 | Responses |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Office of the Physicians |  |  |  |  |  |  |  |  |  |  |  |  |  | Responses |
| Category A | 179,493 | 1. | 73\% | ${ }^{0.128}$ | 50\% | 0.42\% + | 50\% | 5\% | 1. | 27\% | 55.72 | 123 | \$6,854 | 961 |
| ${ }^{\text {c }}$ | 0 | 1. | 85\% | 0.128 0.128 | 50\% | - ${ }_{\text {0 }}^{0.42 \%+}$ | 50\% | 5\% | 1. | 27\% | 19.02 25.39 | 0 | \$0 | 0 |
| Office of Dentists | 0 | 1 | 87\% | 0.128 |  |  |  |  |  | 27\% |  |  | \$0 |  |
| Category A | 279,485 | 1. | 92\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 19\% | 55.72 | 63 | \$3,510 | 492 |
| c | 43,075 | 1. | 44\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 19\% | 19.02 | 68 | \$1,293 | 531 |
| Nursing Homes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 35,746 | 1. | 38\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 31\% | 55.72 | 53 | \$2,953 | 414 |
| C | 5,002 4.636 | 1. | 31\% | 0.128 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 31\% | 19.02 2539 | 8 8 | \$152 | 63 63 |
| ${ }_{\text {Dospitals }}$ | 4,636 | 1. | 30\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 31\% | 25.39 | 8 | \$203 |  |
| Category A | 254,449 | 1. | 77\% | 0.128 | 50\% | 1.25\% + | 50\% | 5\% | 1. | 76\% | 55.72 | 56 | \$3,120 | 438 |
| B | 34,579 | 1. | 77\% | 0.128 | 50\% | 1.25\% + | 50\% | 5\% | 1. | 76\% | 29.36 | 8 | \$235 | 63 |
| c | 30,799 | 1. | 62\% | 0.128 | 50\% | 1.25\% + | 50\% | 5\% | 1. | 76\% | 19.02 | 11 | \$209 |  |
| Medical and Dental Labs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 5,177 | 1. | 79\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 86\% | 55.72 | 1 | \$56 |  |
| c | 0 | 1. | 38\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 86\% | 19.02 | 0 | \$0 |  |
| D | 487 | 1. | 30\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 86\% | 25.39 | 0 | \$0 |  |
| c | 0 | 1. | 30\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 67\% | 19.02 | 0 | \$0 |  |
| D | 2,575 | 1. | 84\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 67\% | 25.39 | 0 | \$0 | 0 |
| ${ }^{\text {Hospices }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 684 | 1. | 58\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 60\% | 55.72 | 0 | \$0 |  |
| c | 0 | 1. | 82\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 60\% | 19.02 | 0 | \$0 | 0 |
| $\mathrm{D}^{\text {d }}$ | 215 | 1. | 30\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 60\% | 25.39 | 0 | \$0 | 0 |
| Hemodialysis | 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 | \$0 | 0 |
| D | 141 | 1. | 81\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 93\% | 25.39 | 0 | \$0 | 0 |
| ${ }^{\text {Drug Rehabilitation }}$ |  |  | 8\% |  | \%\% |  |  |  |  |  |  |  |  |  |
| ${ }_{C}^{\text {Category A }}$ | 283 | 1. | 180\% | 0.128 0.128 | 50\% | - $0.42 \%$ + | 50\% | 5\% | 1. | 77\% | 55.72 19.92 | ${ }_{0}^{0}$ | \$0 | ${ }_{0}^{0}$ |
| D | 0 | 1. | 30\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 77\% | 25.39 | 0 | \$0 | 0 |
| ${ }_{\text {Government Clinics }}$ | 16.013 | 1. | 73\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 27\% | 55.72 | 11 | \$613 | 86 |
| ${ }^{\text {Category }}$ A | 16,013 | 1. | 5\% | 0.128 0.128 | 50\% | ( ${ }^{0.42 \% \text { + }}$ | 50\% | 5\% | 1. | 27\% | ${ }^{559.72}$ | 11 | \$0 | 86 |
| D | 0 | 1. | 7\% | 0.128 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 27\% | 25.39 | 0 | \$0 | 0 |
| Blood/Plasma/Tissue Centers Category |  | 1. | 65\% | 0.128 | 50\% | 0.10\% + | 50\% | 5\% | 1. | 66\% | 5572 | 3 | \$167 |  |
| ${ }^{\text {Category }}$ A | ${ }_{139}$ | 1. | 44\% | 0.128 | 50\% | 0.10\% + | 50\% | 5\% | 1. | 66\% | 19.02 | 0 | \$0 | 23 |
| D | 197 | 1. | 71\% | 0.128 | 50\% | 0.10\% + | 50\% | 5\% | 1. | 66\% | 25.39 | 0 | \$0 | 0 |
| Residential Care |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 4,850 | 1. | 64\% | ${ }^{0.128}$ | 50\% | 0.42\% + | 50\% | 5\% | 1. | 39\% | 55.72 | ${ }_{4}^{4}$ | \$223 | 31 |
| ${ }_{\text {C }}^{\text {D }}$ | 388 2,571 | 1. | 30\% | 0.128 0.128 | 50\% | e $\begin{aligned} & 0.42 \%+ \\ & 0.42 \%+\end{aligned}$ | 50\% | 5\% | 1. | 39\% | 19.02 25.39 | 1 1 | $\$ 19$ $\$ 25$ | 8 8 |
| Personnel Services |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 2,993 0.00 | 1. | $38 \%$ $30 \%$ | 0.500 0.500 | 50\% | ${ }_{\text {a }}^{0.42 \% ~+~}$ | 50\% | 5\% | 1. | 83\% | 55.72 25.39 | ${ }^{4}$ | \$223 | ${ }^{8}$ |
| Funeral Services | 0.00 |  | 30\% |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 11,735 | 1. | 67\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 31\% | 55.72 | 36 | \$2,006 | 72 |
| C | 0.00 | 1. | 30\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 31\% | ${ }^{19.02}$ | 0 | \$0 | ${ }^{0}$ |
| D | 0.00 | 1. | 64\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 31\% | 25.39 | 0 | \$0 |  |
| Health Units in Industry | 186,835 | 1. | 60\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 2\% | 55.72 |  |  |  |
| B | 0.00 | 1. | 42\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 2\% | 29.36 | 0 | \$0 |  |
| ${ }_{\text {Desearch }}$ | 0.00 | 1. | 30\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 2\% | 25.39 | 0 | \$0 | 0 |
| Research Labs | 494 | 1. | 81\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 70\% | 55.72 | 0 | \$0 |  |
| c | 0.00 | 1. | 45\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 70\% | 19.02 | 0 | \$0 | 0 |
| in | 0.00 | 1. | 81\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 70\% | 25.39 | 0 | \$0 | 0 |
| Linen Service | 3,000 | 1. | 30\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 90\% | 25.39 | 3 | \$76 | 6 |
| Medical Equipment Repair |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 0 | 1. | ${ }_{7 \%}^{1 \%}$ | 0.500 0.500 | 50\% | ${ }^{0.42 \%+}$ | 50\% | 5\% | 1. | ${ }_{26 \%}^{26 \%}$ | ${ }_{2936}^{55.72}$ | 0 | \$0 | 0 |
| C | 161 | 1. | 36\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 26\% | ${ }_{19.02}$ | 1 | \$19 |  |
| D | 2,464 | 1. | 30\% | 0.500 | 50\% | 0.42\% + | 50\% | 5\% | 1. | 26\% | 25.39 | 17 | \$432 | 34 |



| 18,993 |
| ---: |
| 2,770 |
| 1,444 |
| 4,204 |
| 10,411 |
| 857 |
| 2,158 |
| 3,034 |
| 1,887 |
| 459 |
| 3,793 |
| 457 |
| 6,321 |
| 6,321 |
| 50 |
| $1,189,683$ |



ธికి
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$
$50 \%$

| $5 \%$ | $1-$ |
| :--- | :--- |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |
| $5 \%$ | $1-$ |


| $96 \%$ |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| 95.72 | 2 | $\$ 111$ | 16 |  |
| $96 \%$ | 29.36 | 0 | $\$ 0$ | 0 |
| $96 \%$ | 19.02 | 0 | $\$ 0$ | 0 |
| $96 \%$ | 25.39 | 0 | $\$ 0$ | 0 |
| $71 \%$ | 55.72 | 5 | $\$ 279$ | 10 |
| $71 \%$ | 29.36 | 0 | $\$ 0$ | 0 |
| $71 \%$ | 25.39 | 1 | $\$ 25$ | 2 |
| $39 \%$ | 55.72 | 3 | $\$ 167$ | 23 |
| $39 \%$ | 29.36 | 3 | $\$ 88$ | 23 |
| $39 \%$ | 19.02 | 1 | $\$ 19$ | 8 |
| $39 \%$ | 25.39 | 6 | $\$ 152$ | 47 |
| $50 \%$ | 55.72 | 1 | $\$ 56$ | 2 |
| $0 \%$ | 55.72 | 60 | $\$ 3,343$ | 120 |
| $0 \%$ | 25.39 | 60 | $\$ 1,523$ | 120 |
| $0 \%$ | 55.72 | 0 | $\$ 0$ | 0 |
| $50 \%$ |  | 1,617 | $\$ 83,592$ | 5,775 |

HBV Antibody Testing for Non-Vaccinated Workers (Health Care Professional Time)
Hours = \# exposures $\times(1-\%$ vaccinated) x health care professional time x (source acceptance rate x RRS $+\%$ sources refusing test $\mathrm{x} \%$ exposures attributable to high risk group) $\times(1$ - compliance rate) Cost - \# exposures $\times(1-\%$ vaccinated) $\times$ cost of HBV antibody test $\times$ (source acceptance rate $\times$ RSS $+\%$ sources refusing test $\times \%$ exposures attributable to high risk group) $\times(1-$ compliance rate $)$
percent vaccinated $=$ prior vaccination rate + employee participation rate $\times(1-$ prior
that no previously non-vaccinated worker was offered and
and
*For expor $50 \%$ of sources will agree to be tested, $50 \%$ of sources will refuse to be tested
employee would agree to be tested, is equivalent to the RSS, since explosent of exposures in which the non-vaccinated
if the source was found to be positive.
*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.
Office of the Physicians

| Office of the Physicians |  |  |  |  |  |  |  |  |  |  | Hours | Cost 12 | Cost Item 13 Response |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Category A | 179,493 | (1-73\%) | 27\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-27\%) | 73\% = | 80 | \$4,082 |  |
| C | ${ }^{0}$ | (1-55\%) | 45\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\%) x | (1-27\%) | 73\% = | 0 | \$0 |  |
| D | 0 | (1-87\%) | 13\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-27\%) | 73\% = | 0 | \$0 |  |
| Office of Dentists |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 279,485 | (1-92\%) | $8 \%$ x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-19\%) | 81\% = | 41 | \$2,092 |  |
| c | 43,075 | (1-44\%) | 56\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-19\%) | 81\% = | 44 | \$2,245 |  |
| Nursing Homes |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 35,746 | (1-38\%) | 62\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-31\%) | 69\% = | 34 | \$1,735 |  |
| C | 5,002 | (1-31\%) | 69\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-31\%) | 69\% = | 5 | \$255 |  |
| D | 4,636 | (1-30\%) | 70\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-31\%) | 69\% = | 5 | \$255 |  |
| Hospitals |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 254,449 | (1-77\%) | 23\% x | $0.083 \times 1$ | 50\% x | 1.25\% + | 50\% x | $5 \%$ ) $\times$ | (1-76\%) | 24\% = | 36 | \$1,837 |  |
| B | 34,579 | (1-77\%) | 23\% x | $0.083 \times 1$ | 50\% x | 1.25\% + | 50\% x | 5\% ) x | (1-76\%) | 24\% = | 5 | \$255 |  |
| C | 30,799 | (1-62\%) | 38\% x | $0.083 \times 1$ | 50\% x | 1.25\% + | 50\% x | 5\% ) x | (1-76\%) | 24\% = | 7 | \$357 |  |
| Medical and Dental Labs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 5,177 | (1-79\%) | 21\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-86\%) | 14\% = | 0 | \$0 |  |
| C | ${ }^{0}$ | (1-38\%) | 62\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\%) x | (1-86\%) | 14\% = | 0 | \$0 |  |
| D | 487 | (1-30\%) | 70\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-86\%) | 14\% = | 0 | \$0 |  |
| Home Health Care |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 6,244 | (1-52\%) | 48\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-67\%) | 33\% = | 2 | \$102 |  |
| c | 0 | (1-30\%) | 70\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-67\%) | 33\% = | 0 | \$0 |  |
| D | 2,575 | (1-84\%) | 16\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-67\%) | 33\% = | 0 | \$0 |  |
| Hospices |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 684 | (1-58\%) | 42\% x | $0.083 \times 1$ | $50 \% \times$ | 0.42\% + | 50\% x | 5\% ) x | (1-60\%) | 40\% = | 0 | \$0 |  |
| C | 0 | (1-82\%) | 18\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $x$ | (1-60\%) | 40\% = | 0 | \$0 |  |
| D | 215 | (1-30\%) | 70\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-60\%) | 40\% = | 0 | \$0 |  |
| Hemodialysis |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Category A }}$ | 4,684 477 | $(1-92 \%)$ $(1-58 \%)$ | $8 \%$ $42 \%$ | $0.083 \times 1$ $0.083 \times 1$ | $50 \% \times$ $50 \% \mathrm{x}$ | $0.42 \%+$ $0.42 \%+$ | $50 \% \mathrm{x}$ $50 \% \mathrm{x}$ | $5 \%) \mathrm{x}$ $5 \%$ | $(1-93 \%)$ $(1-93 \%)$ | $7 \%=$ $7 \%=$ | 0 | \$0 |  |
| D | 141 | (1-81\%) | 19\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 150\% x | 5\% ) x | (1-93\%) | 7\% = | 0 | \$0 |  |
| Drug Rehabilitation |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 283 | (1-78\%) | 22\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | $5 \%) \mathrm{x}$ | (1-77\%) | 23\% = | 0 | \$0 |  |
| C | 0 |  |  | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-77\%) | 23\% = | 0 | \$0 |  |
| D | - | (1-30\%) | 70\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 150\% x | 5\% ) x | (1-77\%) | 23\% = | 0 | \$0 |  |
| ${ }_{\text {Government }}$ Clinics | 16,013 | (1-73\%) | 27\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $x$ | (1-27\%) | 73\% = | 7 | \$357 |  |
| , |  | (1-55\%) | 45\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-27\%) | 73\% = | 0 | \$0 |  |
| D | 0 | (1-87\%) | 13\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 150\% x | 5\% ) x | (1-27\%) | 73\% = | 0 | \$0 |  |
| Blood/Plasma/Tissue Centers |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 6,453 | (1-65\%) | 35\% x | $0.083 \times 1$ | 50\% x | 0.10\% + | 50\% x | 5\% ) x | (1-66\%) | 34\% = | 2 | \$102 |  |
| C | 139 | (1-44\%) | 56\% x | $0.083 \times 1$ | 50\% x | 0.10\% + | 50\% x | 5\% ) x | (1-66\%) | 34\% = | 0 | \$0 |  |
| D | 197 | (1-51\%) | 49\% x | $0.083 \times 1$ | 50\% x | 0.10\% + | 50\% x | 5\% ) x | (1-66\%) | 34\% = | 0 | \$0 |  |
| Residential Care |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 4,850 | (1-64\%) | 36\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-39\%) | 61\% = | 2 | \$102 |  |
| C | 388 | (1-30\%) | 70\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-39\%) | 61\% = | 0 | \$0 |  |
| D | 2,571 | (1-73\%) | 27\% x | $0.083 \times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-39\%) | 61\% = | 1 | \$51 |  |
| Personnel Services |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 2,993 | (1-38\%) | 62\% x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | $5 \%) \times$ | (1-83\%) | 17\% = |  |  | \$256 |
| D | 0.00 | (1-30\%) | 70\% x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-0\%) | 100\% = |  |  | \$0 |
| Funeral Services |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 11,735 | (1-67\%) | 33\% x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-31\%) | 69\% = |  |  | \$2,172 |
| c | 0.00 | (1-30\%) | 70\% x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $\times$ | (1-31\%) | 69\% = |  |  | \$0 |
| D | 0.00 | (1-64\%) | $36 \%$ x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | $5 \%$ ) $x$ | (1-31\%) | 69\% = |  |  | \$0 |
| Health Units in Industry |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 186,835 | (1-60\%) | 40\% x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | $5 \%$ ) $\times$ | (1-2\%) | 98\% = |  |  | \$59,544 |
| B | 0.00 | (1-42\%) | 58\% x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) $x$ | (1-2\%) | 98\% = |  |  | \$0 |
| Research Labs | 0.00 | (1-30\%) | 70\% x | \$30.00 $\times 1$ | 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-2\%) | 98\% = |  |  | \$0 |
| Research Labs |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A C | 494 0.00 | $(1-81 \%)$ $(1-45 \%)$ | 19\% x $55 \%$ | $\begin{aligned} & \$ 30.00 \times 1 \\ & \$ 30.00 \times( \end{aligned}$ | $\begin{aligned} & 50 \% \times x \\ & 50 \% \text { x } \end{aligned}$ | $\begin{aligned} & 0.42 \%+ \\ & 0.42 \%+ \end{aligned}$ | $\begin{aligned} & 50 \% \times x \\ & 50 \% \times x \end{aligned}$ | $\begin{aligned} & 5 \%) x \\ & 5 \%) x \end{aligned}$ | $\begin{aligned} & (1-70 \%) \\ & (1-70 \%) \end{aligned}$ | $\begin{aligned} & 30 \%= \\ & 30 \%= \end{aligned}$ |  |  | \$23 $\$ 0$ |

D
Linen Service
D
Medical Equipment Repair
Category A
B
C
D
Law Enforcement
Category A
B
C
D
Fire and Rescue
Category A
B
D
Correctional Facilities
Category A
B
C
D
Lifesaving
Category A
Schools
Category A
D
Waste Removal
Category A
TTALS

| 0.00 | (1-81\%) | 19\% x | \$30.00 $\times 1$ |
| :---: | :---: | :---: | :---: |
| 3,000 | (1-30\%) | 70\% x | \$30.00 $\times 1$ |
| 0 | (1-41\%) | 59\% x | \$30.00 $\times$ |
| 0 | (1-37\%) | 63\% x | \$30.00 $\times$ |
| 161 | (1-36\%) | 64\% | \$30.00 $\times 1$ |
| 2,464 | (1-30\%) | 70\% x | \$30.00 $\times 1$ |
| 18,993 | (1-42\%) | 58\% x | $0.083 \times 1$ |
| 2,770 | (1-92\%) | 8\% x | $0.083 \times 1$ |
| 1,444 | (1-31\%) | 69\% x | $0.083 \times 1$ |
| 4,204 | (1-46\%) | 54\% x | $0.083 \times 1$ |
| 10,411 | (1-89\%) | 11\% x | \$30.00 $\times 1$ |
| 857 | (1-86\%) | 14\% x | \$30.00 $\times 1$ |
| 2,158 | (1-92\%) | 8\% x | \$30.00 x 1 |
| 3,034 | (1-54\%) | 46\% x | $0.083 \times 1$ |
| 1,887 | (1-32\%) | 68\% x | $0.083 \times 1$ |
| 459 | (1-30\%) | 70\% x | $0.083 \times 1$ |
| 3,793 | (1-31\%) | 69\% x | $0.083 \times 1$ |
| 457 | (1-76\%) | 24\% x | \$30.00 $\times 1$ |
| 6,321 | (1-30\%) | 70\% x | \$30.00 x |
| 6,321 | (1-30\%) | 70\% x | \$30.00 $\times 1$ |
| 50 | (1-30\%) | 70\% x | \$30.00 x ( |


| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-70\%) | 30\% = |  |  | \$0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-90\%) | 10\% = |  |  | \$171 |
| 50\% x | 0.42\% + | 50\% x | $5 \%$ ) x | (1-26\%) | 74\% = |  |  | \$0 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-26\%) | 74\% = |  |  | \$0 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-26\%) | 74\% = |  |  | \$62 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-26\%) | 74\% = |  |  | \$1,038 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-96\%) | 4\% = | 1 | \$51 |  |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-96\%) | 4\% = | 0 | \$0 |  |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-96\%) | 4\% = | 0 | \$0 |  |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-96\%) | 4\% = | 0 | \$0 |  |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-71\%) | 29\% = |  |  | \$270 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-71\%) | 29\% = |  |  | \$28 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-71\%) | 29\% = |  |  | \$41 |
| 50\% x | 0.42\% + | 50\% x | $5 \%$ ) x | (1-30\%) | 70\% = | 2 | \$102 |  |
| 50\% x | 0.42\% + | 50\% x | $5 \%$ ) x | (1-30\%) | 70\% = | 2 | \$102 |  |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-30\%) | 70\% = | 1 | \$51 |  |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-30\%) | 70\% = | 4 | \$204 |  |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-50\%) | 50\% = |  |  | \$45 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-0\%) | 100\% = |  |  | \$3,597 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-0\%) | 100\% = |  |  | \$3,597 |
| 50\% x | 0.42\% + | 50\% x | 5\% ) x | (1-50\%) | 50\% = |  |  |  |

## 12 0 0 0


C
D
Law Enforcement
Category A
B
C
D
Fire and Rescue
Category A
B
D
Correctional Facilities
Category A
B
C
D
Lifesaving
Category A
Schools
Category A
D
Waste Removal
Category A
Total


| $5 \%$ | $(1-26 \%)$ | $74 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $5 \%$ | $(1-26 \%)$ | $74 \%$ | 0.03 | $\$ 1.00$ | 0.00 |
|  |  |  |  |  |  |
| $5 \%$ | $(1-96 \%)$ | $4 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-96)$ | $4 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-96 \%)$ | $4 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-96 \%)$ | $4 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-71 \%)$ | $29 \%$ | 0.04 | $\$ 1.00$ | 0.00 |
| $5 \%$ | $(1-71 \%)$ | $29 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-71 \%)$ | $29 \%$ | 0.01 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-39 \%)$ | $61 \%$ | 0.01 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-39 \%)$ | $61 \%$ | 0.01 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-39 \%)$ | $61 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-39 \%)$ | $61 \%$ | 0.01 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-50 \%)$ | $50 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
| $5 \%$ | $(1-0 \%)$ | $100 \%$ |  | 0.03 | $\$ 1.00$ |
| $5 \%$ | $(1-0 \%)$ | $100 \%$ | 0.03 | $\$ 1.00$ | 0.00 |
| $5 \%$ | 0.00 |  |  |  |  |
| $5 \%$ | $(1-50 \%)$ | $50 \%$ | 0.00 | $\$ 0.00$ | 0.00 |
|  |  |  | 12 | $\$ 422.00$ | 56 | Assumptions:

- HBIG will be considered whenevera source is tested and found to be positive and whenevera a high $h$ isks source reftuses to be tested.
- HBII will be offered only to those vaccinated workers who are found to be non-responde
- Required health care professional time is equivalent to $1 / 3$ the time required to adminisiter the HBV vaccination.

Source wiliagree cora po petessestion in $50 \%$ time is exposusure incidents.

| Cost of HBIG = \$21 <br> Office of Physicans |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Category A | 179,93 $\times$ | 73\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | $0 \times$ | 55\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| D | $0 \times$ | 87\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Office of Denists |  |  |  |  |  |
| Category A | 279,485 $\times$ | 92\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | 43,75 $\times$ | 44\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Nussing Homes |  |  |  |  |  |
| Category A | 35,746 | 38\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | 5,002 x | $31 \%$ x | 10\% x | 4\% x | $0.083 \times 1$ |
| - | 4,636 x | 30\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Hospitas |  |  |  |  |  |
| Category | 254,499 | 54\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| в | 34,579 x | 54\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | ${ }^{30,799} \times$ | 69\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Medical and Dental Labs |  |  |  |  |  |
| Categoy A | 5,117 $\times$ | 58\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | $0 \times$ | 88\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| - | $487 \times$ | 100\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Home Health |  |  |  |  |  |
| Categor A | ${ }_{6,244 \times}$ | 77\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | $0 \times$ | 100\% x | 10\% $\times$ | 4\% x | $0.083 \times 1$ |
| - | $2,575 \times$ | 88\% x | 10\% $\times$ | 4\% x | $0.083 \times 1$ |
| Hospices |  |  |  |  |  |
| Categoy A | $684 \times$ | 77\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | $0 \times$ | 37\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| - | $215 \times$ | 100\% x | 10\% $\times$ | 4\% x | $0.083 \times 1$ |
| Hemodialysis |  |  |  |  |  |
| Category A | $4.684 \times$ | 33\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Hepatitis B Immune Cliobuin (HBIG): Vaccinated Workers (Healt Professional Time) |  |  |  |  |  |
| c | $477 \times$ | 69\% $\times$ | 10\% x | 4\% x | $0.083 \times 1$ |
| - | $141 \times$ | 48\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Drug Renabilition |  |  |  |  |  |
| Categor A | $283 \times$ | 49\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | $0 \times$ | 35\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| $\bigcirc$ | $0 \times$ | 100\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Goverment Clinics |  |  |  |  |  |
| Categor A | 16,013 x | 57\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | $0 \times$ | 67\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| - | $0 \times$ | 37\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Bioodilasmatissue Centers |  |  |  |  |  |
| Categor A | $6,453 \times$ | 60\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | 139 x | 80\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| Residential Care |  |  |  |  |  |
|  |  |  |  |  |  |
| Categor A | 4,850 $\times$ | 73\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| c | $388 \times$ | 100\% x | 10\% x | 4\% x | $0.083 \times 1$ |
| - | $2,571 \times$ | $42 \%$ x | 10\% x | 4\% x | $0.083 \times 1$ |
| Personnel Senices |  |  |  |  |  |
| Categor A | $2,993 \times$ | ${ }^{88 \%}$ x | 10\% x | 4\% x | \$211 $\times 1$ |
| $\bigcirc$ | $0 \times$ | 100\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| Funeral Senices |  |  |  |  |  |
| Categor A | ${ }^{11,735 \times}$ | 65\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| c | $0 \times$ | 100\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| - | $0 \times$ | 63\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| Health Units in Industy |  |  |  |  |  |
| Category A | 186,835 x | 70\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| в | $0 \times$ | 83\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| c | $0 \times$ | 100\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| Research Labs |  |  |  |  |  |
| Category A | $494 \times$ | 54\% x | 10\% x | 4\% x | ${ }^{2211} \times 1$ |
| c | $0 \times$ | 79\% x | 10\% x | 4\% x | ${ }^{\text {s211 }} \times 1$ |
| - | $0 \times$ | 54\% x | 10\% x | 4\% x | \$211 $\times 1$ |
| Linen Serices |  |  |  |  |  |
| Category | $3.000 \times$ | 100\% x | 10\% x | 4\% x | \$211 × 1 |








| Medical Equipment Repair |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Category | $0 \times$ | 84\% | 10\% x | 4\% x | \$211 | 50\% x | 0.42\% + | 50\% x | 5\%)1 | ${ }^{0.235 \times 1}$ | , | - | 26\% |  |  |  | so |
| 8 | $0 \times$ | 90 | 10\% x | 4\% x | \$211 | 50\% x | $0.42 \%$ + | 50\% x | 5\% 1] | ${ }^{0.235 \times 1}$ | 1 | - | 26\% | 29.36 |  |  | so |
| c | $161 \times$ | 92\% | 10\% x | 4\% x | \$211 | 50\% x | $0.42 \%$ + | 50\% x | 5\% ) 1 | ${ }^{0.235 \times 1}$ | 1 | - | 26\% | 19.02 |  |  | s3 |
| - | 2,464 | 100\% | 10\% x | 4\% x | \$211 | 50\% x | $0.42 \%+$ | 50\% x | 5\% 1] | $0.235 \times 1$ | 1 | - | 26\% | 25.39 |  |  | 542 |
| Law Entorcement |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Categor A | 18,993 x | 83\% x | 10\% x | 4\% x | 0.083 | 50\% x | $0.42 \%$ + | 50\% x | 5\%)1 | ${ }^{0.235 \times 1}$ | 1 | - | 96\% | 55.72 | 0.01 | \$1 |  |
| в | 2,770 $\times$ | 47\% $\times$ | 10\% x | 4\% x | 0.083 | 50\% x | 0.42\% + | 50\% x | 5\% )1 | ${ }^{0.235 \times 1}$ | 1 | - | 96\% | 29.36 | 0.00 | so |  |
| Hepatitis BImmune Globuin (HBIG): Vaccinated Workers (Healtr Professional Time) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| c | $1,444 \times$ | 98\% $\times$ | 10\% x | 4\% x | 0.083 | 50\% x | $0.42 \%$ + | 50\% x | 5\% 1] | ${ }^{0.235 \times 1}$ | 1 | - | 96\% | 19.02 | 0.00 | so |  |
| D | $4,204 \times$ | 77\% x | 10\% x | 4\% x | 0.083 | 50\% x | $0.42 \%$ + | 50\% x | 5\% )] | $0.235 \times 1$ | 1 | - | 96\% | 25.39 | 0.00 | so |  |
| Fire and Rescue |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Categor A | 10,411 x | 34\% x | 10\% x | 4\% x | 0.083 | 50\% x | 0.42\% + | 50\% x | 5\% 1] | ${ }^{0.235 \times 1}$ | 1 | - | 71\% | 55.72 | 0.01 | s1 |  |
| B | $857 \times$ | 44\% $\times$ | 10\% x | 4\% x | 0.083 | 50\% x | 0.42\% + | 50\% x | 5\% )\| | ${ }^{0.235 \times 1}$ | 1 | - | 71\% | 29.36 | 0.00 | so |  |
| Correctional Facilites |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | 3,034 $\times$ | 79\% $\times$ | 10\% x | 4\% x | 0.083 | 50\% x | $0.42 \%+$ | 50\% x | 5\% 1] | ${ }^{0.235 \times 1}$ | 1 | - | 39\% | 55.72 | 0.01 | \$1 |  |
| в | $1.887 \times$ | 97\% $\times$ | 10\% x | 4\% x | 0.083 | 50\% x | 0.42\% + | 50\% x | 5\%)1] | $0.235 \times 1$ | 1 | - | 39\% | 29.36 | 0.01 | so |  |
| , | $459 \times$ | 90\% x | 10\% x | 4\% x | 0.083 | 50\% x | 0.42\% + | 50\% x | 5\% )1 | ${ }^{0.235 \times 1}$ | 1 | - | 39\% | 19.02 | 0.00 | so |  |
|  | $3,793 \times$ | 98\% $\times$ | 10\% x | 4\% x | 0.083 | 50\% x | $0.42 \%$ + | 50\% x | 5\% )1 | ${ }^{0.235 \times 1}$ | 1 | - | 39\% | 25.39 | 0.02 | \$1 |  |
| Livesaving |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Category }} \mathrm{A}$ | 457 x | ${ }^{75 \%} \times$ | 10\% x | 4\% x | ${ }^{0.083}$ | 50\% x | 0.42\% + | 50\% x | 5\% ) 1 | $0.235 \times 1$ | 1 | - | 50\% | 55.72 | 0.00 | so |  |
| Schools |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category A | ${ }_{6,321}$ | 100\% x | 10\% x | 4\% x | ${ }^{0.083}$ | 50\% x | $0^{0.42 \% ~+~}$ | 50\% x | 5\% /] | ${ }^{0.235 \times x}$ | 1 | - | \%\% | 55.72 | ${ }^{0.06}$ | ${ }_{53}$ |  |
| D | 6,321 | 100\% $\times$ | 10\% x | 4\% x | 0.083 | 50\% x | 0.42\% + | 50\% x | 5\% )1 | ${ }^{0.235 \times 1}$ | 1 | - | 0\% | 25.39 | 0.06 | \$2 |  |
| Waste Removal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Category | 50 | 100\% x | 10\% x | 4\% x | 0.083 | 50\% x | $0.42 \%$ + | 50\% x | 5\% 1] | ${ }^{0.235 \times 1}$ | 1 |  | 50\% | 55.72 | 0.00 | so |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  | 210 | 52782 |

[^0]


解
ธisizi




*HSUM will be offered only to those non-vaccinated workers who are found not to have natural immunity.
${ }^{*} 22 \%$ of non-vacinated workers do novave have natural immuity
$* 22 \%$ of non-vaccinated workers do not have natural immunity.
$*$.HII wil be ocosided whenever a source is tested and found to be positive and whenever a high risk source refuses to be tested.
*HBIG wll be consided whenever a source is tested and found to be positive
${ }^{* 5 \%}$ of exposures are attriutable to a high risk source.
*Time required equivalent to $1 / 3$ time required to administer HBV vaccination.
$* 5 \%$ 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 to tetested in $50 \%$ of exposure incidents.

B
D
Correctional Facilities
Category A
B
C
D
Lifesaving
Category A
Schoos
Category A
D
Waste Removal
Category A

| 857 * | 1. | 86\% |
| :---: | :---: | :---: |
| 2,158 * | 1. | 92\% |
| 3,034 * | 1. | 54\% |
| 1,887* | 1. | 32\% |
| 459 * | 1. | 30\% |
| 3,793 * | 1. | 31\% |
| 457 * | 1. | 78\% |
| 6,321 * | 1. | 30\% |
| 6,321 * | 1. | 30\% |
| 50 * | 1. | 30\% |


| ${ }^{22 \%}$ |  | 50\% | 0.42\% |
| :---: | :---: | :---: | :---: |
| 22\% | 0.08 * 1 | 50\% | 0.42\% |
| 22\% | 0.08 * ( | 50\% | 0.42\% |
| 22\% | 0.08 * 1 | 50\% | 0.42\% |
| 22\% | 0.08 * ( | 50\% | 0.42\% |
| 22\% | \$211 * 1 | 50\% | 0.42\% |
| 22\% | \$211** | 50\% | 0.42\% |
| 22\% | \$211* ${ }^{\text {( }}$ | 50\% | 0.42\% |
| 22\% | \$211*1 | 50\% | 0.42\% |

 $\begin{array}{rrr} & & \\ 0 & \$ 0 & \\ 0 & \$ 0 & \\ 0 & \$ 0 & \\ 1 & \$ 51 & \\ & & \$ 63 \\ & & \$ 5.566 \\ & & \$ 5,566 \\ & & \$ 22\end{array}$

HIV Antibody Tests (Employee Time) Hours = \# exposures x employer participation rate x (\% of s
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/plasmaltissue 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

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

HIV Antibody Test
Hours = \# exposures x employer participation rate $\times$ (\% of sources refusing test + (source participation rate $\times$ RSS) $\times \#$ of tests $\times$ heath care professional time $\times$ (1-compliance rate) Assumptions:
*Employee participation rate for HIV antibody tests is $80 \%$

* $50 \%$ of sources will agree to be tested, $50 \%$ will refuse to be tested
*RSS is $0.05 \%$ for blood/plasma/tissue centers. $17 \%$ for law enforcement. $17 \%$ for corrections and $0.8 \%$ for all other sectors. $*$ A sequence of 4 HV antibody tests will be performed for employees tested.
$*$ Health care professional time is equivalent to $1 / 3$ time required to administe


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) $\times$ ( 1 - compliance rate)
Assumptions:
${ }^{*} 50 \%$ 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.

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

$\qquad$ $\$ 24,729,033 \mathrm{NA}$
Recordkeeping: Medical Records
Hours $=[($ \# workers $\times 10$ minutes $(.17$ hour $)+(3$ potentially vaccinated $\times 15$ minutes $(.25$ hour) $) \times$ job turnover rate] + \# of exposures x ( 5 minutes +15 minutes)]
Assumptions:
Cost of creating records for new hires: [((\# of workers $\times .08$ hour) $+(\#$ of potentially vaccinated $\times .2$ hour)) $\times$ Job turnover 10 minutes is required to establish a file for a new worker
15 minutes of HCP is need to prepare a written xprior vaccination rate)) $\times$ participation rate
en opinion with regard to the ability of each employee to accept the
Time required to update records and have a health care professional I prepare a written opinion workers reporting exposures
exposure is [ $\#$ of exposures $\times(5$ minutes +15 minutes)]
5 minutes to update existing files
a HCP to prepare a written opinion regarding an exposure incident

SectorCategory
Office of the PhysiciansA
Office of the PhysiciansC
Office of the PhysiciansD
Office of the Physic
Office of Dentists Office of DentistsA
Office of DentistsC
Nursing Homes
Nursing HomesA
Nursing HomesA
Nursing HomesD
Hospitals
HospitalsA
HospitalsB
HospitalsB
HospitalsC
Medical and Dental Labs Medical and Dental LabsA
Medical and Dental LabsC Medical and Dental LabsC Medical and Dental LabsD
Home Health Home Health
Home HealthA Home HealthC Home HealthD
Hospices
HospicesA
HospicesC
HospicesD
Hemodialysis
HemodialysisA
HemodialysisA
HemodialysisD
Drug Rehabilitatio
Drug RehabilitationA
Drug RehabilitationC
Drug RehabilitationC
Drug RehabilitationD
Government Clinics
Government ClinicsC Government ClinicsD
Blood/Plasma/Tissue Centers Blood/Plasma/Tissue CentersA Blood/Plasma/Tissue CentersC
Blood/Plasma/Tissue CentersD Residential Care
Residential Care A
Residential Care C Residential Care D
Personnel Services Personnel Services
Personnel ServicesA Personnel ServicesD Funeral Services
Funeral ServicesA Funeral ServicesC
Funeral ServicesD Health Units in Industry Health Units in IndustryA Health Units in Industry Health Units in IndustryD Research Labs
Research Labs $A$
Office of the Physicians
Category A
C
D
Office of Dentists
Category A
C
Nursing Homes
Category A
C
D
Hospitals
Category A
B
C
Medical and Dental Labs
Category A
C
D
Home Heatth
Category A
C
D
Hospices
Category A
C
D
Hemodialysis
Category A
C
D
Drug Rehabilitation
Category A
C
D
Government Clinics
Category A
C
D
Blood/Plasma/Tissue Centers
Category A
C
D
Residential Care
Category A
C
D
Personnel Services
Category A
D
Funeral Services
Category A
C
D
Health Units in Industry
Category A
B
D
Research Labs
Category A
C

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1,284,076 x | 0.17 ) + ( | 380,600 x | 0.25 )) | 22.80\% ] + |
| $9,248 \times$ | $0.17)+($ | 2,045 $\times$ | 0.25)) | 31.60\% |
| $92,475 \times$ | $0.17)+($ | 22,240 $\times$ | $0.25)$ ) | 21.80\% |
| 483,407 x | $0.17)+($ | $119,643 \times$ | 0.25 ) | 26.80\% |
| 4,633 x |  | $1112 \times$ |  | 31 |
|  |  |  |  | 0.00\% |
| $661,860 \times$ | 0.17 )+( | 188,631 $\times$ | 0.25 )) | 49.90\% |
| 42,701 x | $0.17)+($ | 14,305 $\times$ | $0.25)$ ) | 31.60\% ] |
| 7,117 x | $0.17)+($ | 1,317 $\times$ | 0.25)) | 31.60\% ] |
| 2,399,365 x | $0.17)+($ | 738,525 x | 0.25)) | 27.20\% |
| 205,009 x | $0.17)+($ | 63,102 $\times$ | 0.25)) | 21.80\% |
| $318,903 \times$ | $0.17)+($ | 96,819 $\times$ | $0.25)$ ) | $\begin{array}{r} 31.60 \% \text { ] } \end{array}$ |
| 276,866 x | 0.17 )+( | 102,773 $\times$ | 0.25 )) | 21.70\% |
| 2,132 x | $0.17)+($ | $563 \times$ | $0.25)$ ) | 31.60\% ] |
| $240,392 \times$ | $0.17)+($ | $72,117 \times$ | 0.25)) | 31.60\% |
| 306,068 > | $0.17)+($ | $89,555 \times$ | 0.25) | 36.30\% |
| 4,524 x | $0.17)+($ | $1357 \times$ | 0.25)) | 31.60\% |
| 9,501 x | $0.17)+($ | 6,856 x | 0.25)) | $36.30 \%$ ] + |
| 10,565 x | $0.17)+($ | 3,742 x | $0.25)$ ) | 36.30\% ] |
| $154 \times$ | $0.17)+($ | $28 \times$ | $0.25)$ ) | 31.60\% |
| $27 \times$ | $0.17)+($ | $8 \times$ | 0.25)) | 36.30\% |
| 4,964 x | 0.17 )+( | 1,261 x | 0.25 )) | 25.50\% |
| $87 \times$ | $0.17)+($ | $32 \times$ | 0.25)) | 31.60\% |
| $230 \times$ | $0.17)+($ | $66 \times$ | 0.25)) | $\left.\begin{array}{c} 21.80 \% \\ 0.00 \% \end{array}\right]$ |
| 6,067 x | 0.17 )+( | 1,665 $\times$ | 0.25 )) | 25.50\% ] + |
| $149 \times$ | $0.17)+($ | $52 \times$ | 0.25)) | 31.60\% ] |
| $506 \times$ | $0.17)+($ | $152 \times$ | $0.25)$ ) | $\begin{gathered} 21.80 \% \\ 0.00 \% \end{gathered}$ |
| 52,156 x | $0.17)+($ | 15,459 $\times$ | $0.25)$ ) | 22.80\% |
| $381 \times$ | $0.17)+($ | $84 \times$ | 0.25)) | 31.60\% |
| 3,808 x | $0.17)+($ | $916 \times$ | $0.25)$ ) | $\begin{array}{r} 21.80 \%]+[ \\ 0.00 \% \\ ] \end{array}$ |
| $36,820 \times$ | 0.17 )+( | 9,279 $\times$ | 0.25 )) | 21.80\% ] + |
| $405 \times$ | $0.17)+($ | $97 \times$ | 0.25)) | 31.60\% ] + |
| $789 \times$ | $0.17)+($ | $177 \times$ | 0.25)) | $\begin{gathered} 36.30 \% 1 \\ 0.00 \% \end{gathered}$ |
| 71,425 x | $0.17)+($ | 26,070 $\times$ | $0.25)$ ) | 49.60\% ] |
| 1,972 x | $0.17)+($ | $987 \times$ | 0.25)) | 31.60\% ] + |
| $11,704 \times$ | $0.17)+($ | 2,458 $\times$ | 0.25)) | $36.30 \% \text { ] }$ |
| $61,387 \times$ | $0.17)+($ | $16,206 \times$ | 0.25 ) | 100.00\% +1 |
| 102,090 $\times$ | $0.17)+($ | 30,627 $\times$ | 0.25 )) | 31.60\% |
|  |  |  |  | 0.00\% |
| 53,408 x | 0.17 )+( | $17010 \times$ | 0.25 )) | 21.80\% ] + |
| $2,846 \times$ | $0.17)+($ | $1423 \times$ | $0.25)$ ) | 31.60\% |
| 3,387 x | $0.17)+($ | 1,016 $\times$ | $0.25)$ ) | $31.60 \%$ ] + <br> $0.00 \%$ ] |
| $34,184 \times$ | 0.17 ) + | $10289 \times$ | $0.25)$ ) | 31.70\% |
| 141,051 $\times$ | $0.17)+($ | $35,122 \times$ | $0.25)$ ) | 21.80\% ] + |
| 3,497 x | $0.17)+($ | $315 \times$ | $0.25)$ ) | $31.60 \% \text { ] }+$ |
| $87,484 \times$ | $0.17)+($ | 30,707 $\times$ | 0.25 )) | 21.80\% ] + |


| 179,493 $\times$ ( | 0.08 + 0.25 )] $=$ | 131,236 | \$3,349,143 | 559,039 |
| :---: | :---: | :---: | :---: | :---: |
| $0 \times 1$ | 0.08+0.25)] $=$ | 658 | \$16,792 | 3,569 |
| $0 \times 1$ | $0.08+0.25)]=$ | 4,639 | \$118,387 | 25,008 |
| 279,485 $\times$ ( | 0.08+0.25)] $=$ | 123,109 | \$3,141,742 | 441,102 |
| $43,075 \times($ | $0.08+0.25)]=$ | 14,681 | \$374,659 | 44,890 |
| $35,746 \times($ | $0.08+0.25)]=$ | 91,581 | \$2,337,147 | 460,141 |
| 5,002 $\times$ ( | 0.08+0.25)] $=$ | 5,090 | \$129,897 | 23,016 |
| 4,636 $\times$ ( | $0.08+0.25)]=$ | 2,030 | \$51,806 | ,301 |
| 254,449 $\times$ ( | 0.08+0.25)] $=$ | 245,898 | \$6,275,317 | 1,107,955 |
| 34,579 $\times$ ( | 0.08+0.25)] $=$ | 22,552 | \$575,527 | 93,027 |
| 30,799 x ( | $0.08+0.25)]=$ | 35,036 | \$894,119 | 162,167 |
| 5,177 $\times$ ( | $0.08+0.25)]=$ | 17,513 | \$446,932 | 87,559 |
| $0 \times 1$ | 0.08+0.25)] $=$ | 159 | \$4,058 | 852 |
| $487 \times($ | $0.08+0.25)]=$ | 18,773 | \$479,087 | ,240 |
| 6,244 x ( | 0.08+0.25)] $=$ | 29,094 | \$742,479 | 149,855 |
| $0 \times 1$ | 0.08+0.25)] $=$ | 350 | \$8,932 | 1,859 |
| 2,575 $\times$ ( | $0.08+0.25)]=$ | 2,066 | \$52,724 | 8,512 |
| $684 \times 1$ | 0.08+0.25)] $=$ | 1,219 | \$31,109 | 5,877 |
| $0 \times 1$ | 0.08+0.25)] $=$ | 10 | \$255 | 58 |
| $215 \times 1$ | $0.08+0.25)]=$ | 74 | \$1,888 | 228 |
| 4,684 x ( | 0.08+0.25)] $=$ | 1,855 | \$47,340 | 6,271 |
| $477 \times 1$ | 0.08+0.25)] $=$ | 166 | \$4,236 | 515 |
| $141 \times($ | $0.08+0.25)]=$ | 59 | \$1,506 | 206 |
| $283 \times 1$ | 0.08 + 0.25)] $=$ | 463 | \$11,816 | 2,255 |
| $0 \times 1$ | $0.08+0.25)]=$ | 12 | \$306 | 64 |
| $0 \times 1$ | $0.08+0.25)]=$ | 27 | \$689 | 143 |
| 16,013 $\times$ ( | $0.08+0.25)]=$ | 8,235 | \$210,157 | 31,429 |
| $0 \times 1$ | 0.08+0.25)] $=$ | 27 | \$689 | 147 |
| $0 \times 1$ | $0.08+0.25)]=$ | 191 | \$4,874 | ,030 |
| 6,453 $\times$ ( | 0.08+0.25)] $=$ | 4,019 | \$102,565 | 6,503 |
| $139 \times 1$ | 0.08+0.25)] $=$ | 76 | \$1,940 | 298 |
| $197 \times($ | $0.08+0.25)]=$ | 130 | \$3,318 | 548 |
| $4,850 \times($ | 0.08+0.25)] $=$ | 7,638 | \$194,922 | 40,277 |
| $388 \times($ | 0.08+0.25)] $=$ | 2,295 | \$58,568 | 9,249 |
| 2,571 $\times$ ( | $0.08+0.25)]=$ | 1,668 | \$42,567 | 7,17 |
| 2,993 $\times($ | 0.08+0.25)] $=$ | 15,484 | \$395,152 | 80,586 |
| $0 \times 1$ | $0.08+0.25)]=$ | 7,904 | \$201,710 | 41,939 |
| $0 \times 1$ | $0.08+0.25)]=$ | 2,906 | \$74,161 | 15,351 |
| 11,735 $\times$ ( | 0.08+0.25)] $=$ | 4,173 | \$106,495 | 13,084 |
| $0 \times($ | $0.08+0.25)]=$ | 262 | \$6,686 | 1,391 |
| $0 \times 1$ | 0.08+0.25)] $=$ | 2,658 | \$67,832 | 14,098 |
| 186,835 $\times$ ( | 0.08+0.25)] $=$ | 69,358 | \$1,770,016 | 225,241 |
| $0 \times($ | $0.08+0.25)]=$ | 213 | \$5,436 | 1,205 |
|  | 0.08 + 0.25 ) | 4,916 | \$125,45 | 2,76 |


| Research LabsC | c | [(\% | 1,315 x | $0.17)+($ | $322 \times$ | 0.25)) | 31.60\% ] + [ | $494 \times 1$ | 0.08+0.25)] $=$ | 261 | \$6,661 | 1,011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Research LabsD | D | [( $(1$ | $352 \times$ | $0.17)+($ | $124 \times$ | 0.25 )) | 21.80\% ] + [ | $0 \times 1$ | $0.08+0.25)]=$ | 20 | \$510 | 104 |
| Linen Service | Linen Service |  |  |  |  |  | 0.00\% ] + [ |  |  |  |  |  |
| Linen ServiceD | D | [( | $56,000 \times$ | 0.17 ) + ( | 16,800 $\times$ | 0.25 )) | 54.00\% ] + | 3,000 $\times($ | 0.08 + 0.25)] $=$ | 8,408 | \$214,572 | 42,312 |
| Medical Equipment Repair | Medical Equipment Repair |  |  |  |  |  | 0.00\% ] + [ |  |  |  |  |  |
| Medical Equipment RepairA | Category A | [/( | $473 \times$ | $0.17)+($ | $119 \times$ | 0.25)) | $38.30 \%$ ] + | $0 \times 1$ | 0.08+0.25)] $=$ | 42 | \$1,072 | 227 |
| Medical Equipment RepairB | B | [( | $200 \times$ | $0.17)+($ | $54 \times$ | 0.25)) | 38.30\% ] + [ | $0 \times 1$ | $0.08+0.25)]=$ | 18 | \$459 | 97 |
| Medical Equipment RepairC | c | [( | 5,152 x | 0.17)+( | 1,422 x | 0.25 )) | 21.80\% ] + [ | $161 \times($ | 0.08+0.25)] $=$ | 322 | \$8,217 | 1,594 |
| Medical Equipment RepairD | D | I( | $360 \times$ | $0.17)+($ | $108 \times$ | 0.25 )) | 21.80\% ] + [ | 2,464 $\times$ ( | $0.08+0.25)]=$ | 840 | \$21,437 | 2,566 |
| Law Enforcement | Law Enforcement |  |  |  |  |  | 0.00\% ] + [ |  |  |  |  |  |
| Law EnforcementA | Category A | [/( | 477,334 x | $0.17)+($ | $118856 \times$ | 0.25)) | 10.10\% ] + [ | 18,993 $\times$ ( | 0.08+0.25)] $=$ | 17,522 | \$447,161 | 79,208 |
| Law EnforcementB | B | [( $($ | 1,769 x | $0.17)+($ | $690 \times$ | 0.25)) | 21.80\% ] + [ | 2,770 $\times($ | $0.08+0.25)]=$ | 1,026 | \$26,184 | 3,306 |
| Law EnforcementC | c | [(1) | 4,072 $\times$ | $0.17)+($ | $1197 \times$ | 0.25)) | $31.60 \%$ ] + | 1,444 $\times$ ( | $0.08+0.25)]=$ | 794 | \$20,263 | 3,109 |
| Law EnforcementD | D | [(\% | $48,270 \times$ | $0.17)+($ | 11,150 $\times$ | 0.25)) | 10.10\% ] + [ | 4,204 $\times($ | $0.08+0.25)]=$ | 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 $\times$ | 0.25)) | 21.80\% ] + [ | 10,411 $\times$ ( | 0.08 + 0.25)] $=$ | 12,957 | \$330,663 | 61,704 |
| Fire and RescueB | B | I( | 228,944 x | $0.17)+($ | 69,507 $\times$ | 0.25)) | 8.50\% ] + [ | $857 \times($ | 0.08+0.25)] $=$ | 5,071 | \$129,412 | 26,225 |
| Fire and RescueD | D | [( $($ | 2,971 x | $0.17)+($ | $672 \times$ | 0.25 )) | 38.30\% ] + [ | 2,158 $\times$ ( | $0.08+0.25)]=$ | 976 | \$24,908 | 3,553 |
| Correctional Facilities | Correctional Facilities |  |  |  |  |  | 0.00\% ] + [ |  |  |  |  |  |
| Correctional FacilitiesA | Category A | [( $(1$ | $19,628 \times$ | $0.17)+($ | $6,513 \times$ | 0.25)) | $31.70 \%$ ] + | $3,034 \times($ | $0.08+0.25)]=$ | 2,584 | \$65,944 | 11,321 |
| Correctional FacilitiesB | B | I/( | 194,108 ${ }^{\text {c }}$ | $0.17)+($ | $56,485 \times$ | 0.25)) | 41.00\% ] + [ | 1,887 $\times$ ( | $0.08+0.25)]=$ | 19,947 | \$509,047 | 104,630 |
| Correctional FacilitiesC | c | [( | 17,033 $\times$ | 0.17 )+( | 4,599 $\times$ | 0.25 )) | 31.60\% ] + | $459 \times($ | 0.08+0.25)] $=$ | 1,431 | \$36,519 | 7,295 |
| Correctional FacilitiesD | D | [( $($ | 50,790 x | $0.17)+($ | $14932 \times$ | 0.25 )) | 29.10\% ] + | 3,793 $\times$ ( | $0.08+0.25)]=$ | 4,862 | \$124,078 | 22,918 |
| Lifesaving | Lifesaving |  |  |  |  |  | 0.00\% ] + [ |  |  |  |  |  |
| Lifesaving $A$ | Category A | [(\% | 5,000 x | $0.17)+($ | 2,550 $\times$ | 0.25 )) | 21.80\% ] + [ | $457 \times($ | 0.08 + 0.25)] $=$ | 476 | \$12,148 | 2,103 |
| Schools | Schools |  |  |  |  |  | 0.00\% ] + [ |  |  |  |  |  |
| SchoolsA | Category A | [( | 23,514 x | 0.17 )+( | $7054 \times$ | 0.25 )) | 25.00\% ] + | 6,321 $\times$ ( | 0.08 + 0.25)] $=$ | 3,545 | \$90,468 | 13,963 |
| SchoolsD | D | [(\% | 17,848 $\times$ | $0.17)+($ | 5,354 $\times$ | 0.25 )) | $36.30 \%$ ] + | 6,321 $\times$ ( | 0.08 + 0.25)] $=$ | 3,692 | \$94,220 | 14,743 |
| Waste Removal | Waste Removal |  |  |  |  |  | 0.00\% ] + [ |  |  |  |  |  |
| Waste RemovalA | Category A TOTALS | [(\% | 13,300 $\times$ | 0.17 ) + ( | 3,990 x | 0.25 )) | $36.30 \%$ ] [ | $50 \times 1$ | 0.08 + 0.25)] $=$ | $\begin{array}{r} 1,199 \\ 969,006 \end{array}$ | $\begin{array}{r} \$ 30,598 \\ \$ 24,729,033 \end{array}$ | $\begin{array}{r} 6,326 \\ 4,234,549 \end{array}$ |
|  |  |  | 8,399,358 |  | 2,473,489 |  |  | ,189,683 |  |  |  |  |

Recordkeeping: Updating or Creating Training Records.
Hours + \# em
Assumptio
One minute per employee per year will be required to create or update training records
Office of Physicians
C
Office of Dentists
Category A
C
Nursing Homes
Category A
C
Hospitals
Category A
B
C
Medical and Dental Labs
Category A
C
Home Health
Category A
C
Hospices
Category A
C
Hemodialysis
Category A
C
D
Drug Rehabilitation
Category A
C
Dovernment Clinics
Category A
C
Blood/Plasma/Tissue Centers
Category A
C
Residential Care
Category A
C
Personnel Services
Personnel S
Category A
D

| $1,284,076$ | $\times($ |
| ---: | :--- |
| $9,248 \times($ | $1+22.80 \% /$ |
| $92,475 \times($ | $1+31.60 \% /$ |
| $483,407 \times($ | $1+21.80 \% /$ |
| $4,633 \times($ | $1+26.80 \% /$ |
|  | $1+31.60 \% /$ |
| $661,860 \times($ | $1+49.90 \% /$ |
| $42,701 \times($ | $1+31.60 \% /$ |
| $7,117 \times($ | $1+31.60 \% /$ |


| $2,399,365 \times($ | $1+27.20 \% /$ |
| ---: | :--- |
| $205,009 \times($ | $1+21.80 \% /$ |
| $318,903 \times($ | $1+31.60 \% /$ |


| $276,866 \times($ | $1+21.70 \% /$ | $2 \times)$ | $0.02=$ | 5,217 | $\$ 133,138$ | 306,906 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $2,132 \times($ | $1+31.60 \% /$ | $2 \times)$ | $0.02=$ | 42 | $\$ 1,072$ | 2,469 |
| $240,392 \times($ | $1+31.60 \% /$ | $2 \times)$ | $0.02=$ | 4,732 | $\$ 120,761$ | 278,373 |

$306,068 \times(\quad-36.30 \% / 2 x) \quad 0.02=\quad 6,148 \quad \$ 156,897 \quad 361,619$

| $306,068 \times($ | $1+36.30 \% /$ | $2 \times)$ | $0.02=$ | 6,148 | $\$ 156,897$ | 361,619 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $4,524 \times($ | $1+31.60 \% /$ | $2 \times)$ | $0.02=$ | 89 | $\$ 2,271$ | 5,239 |
| $0,501 \times($ | $1+36.30 \%$ | $2 \times)$ | $0.02=$ | 191 | $\$ 4,874$ | 11,225 |


| $10,565 \times($ | $1+36.30 \% /$ | $2 \times)$ | $0.02=$ | 212 | $\$ 5,410$ | 12,483 |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: |


| 2 x ) | $0.02=$ | 212 |
| :---: | :---: | :---: |
| 2 x ) | $0.02=$ | 3 |
| ) | 0.02 | 1 |

$\$ 77$
178
$2 \times 0 \quad 0.02=1$

5,597
101
255

| $2 \times$ | $0.02=$ | 95 | $\$ 2,424$ | 5,597 |
| :--- | :--- | ---: | ---: | ---: |
| $2 \times 5$ | $0.02=$ | 2 | $\$ 51$ | 101 |
| $2 \times)$ | $0.02=$ | 4 | $\$ 102$ | 255 |


| $2 \times)$ | $0.02=$ | 116 |
| :--- | :--- | ---: |
| $2 \times)$ | $0.02=$ | 3 |
| $2 \times)$ | $0.02=$ | 10 |

6,841
173

| $\$ 2,960$ | 6,841 |
| ---: | ---: |
| $\$ 77$ | 173 |


| 2 x ) | $0.02=$ | 988 | \$25,214 | 58,102 |
| :---: | :---: | :---: | :---: | :---: |
| 2 x ) | $0.02=$ | 8 | \$204 | 441 |
| 2 x ) | $0.02=$ | 72 | \$1,837 | 4,223 |
| 2 x ) | $0.02=$ | 694 | \$17,711 | 40,833 |
| 2 x ) | $0.02=$ | 8 | \$204 | 469 |
| 2 x ) | $0.02=$ | 16 | \$408 | 932 |
| 2 x ) | $0.02=$ | 1,515 | \$38,663 | 89,139 |
| 2 x ) | $0.02=$ | 39 | \$995 | 2,284 |
| 2 x ) | $0.02=$ | 235 | \$5,997 | 13,829 |
| 2 x ) | $0.02=$ | 1,565 | \$39,939 | 92,081 |
| 2 x ) | $0.02=$ | 2,010 | \$51,295 | 118,220 |

Funeral Services
Funeral ServicesA
Funeral ServicesC
Health Units in Industry
Health Units in IndustryA
Health Units in IndustryB
Health Units in IndustryD

## Research Labs

Research LabsA
Research LabsC
Research LabsD
Linen Service
Linen ServiceD
Medical Equipment Repair Medical Equipment RepairA Medical Equipment RepairB Medical Equipment RepairC Medical Equipment RepairD Law Enforcement
Law EnforcementA
Law EnforcementB
Law EnforcementC
Law EnforcementD
Fire and Rescue
Fire and RescueA
Fire and RescueB
Fire and RescueD Correctional Facilities Correctional FacilitiesA Correctional FacilitiesB Correctional FacilitiesC Correctional FacilitiesD Lifesaving
LifesavingA
Schools
SchoolsA
SchoolsD
Waste Removal
Waste RemovalA

## Funeral Services

Category A
C
Health Units in Industry
Category A
B
D
Research Labs
Category A
C
Linen Service
D
Medical Equipment Repair
Category A
B
C
D
Law Enforcement
Category A
B
C
D
Fire and Rescue
Category A
B
D
Correctional Facilities
Category A
B
C
D
Lifesaving
Category A
Schools
Category A
D
Waste Removal
Category D
TOTALS

| 53,408 x ( | $1+$ | 21.80\% / |
| :---: | :---: | :---: |
| 2,846 x ( | $1+$ | 31.60\% / |
| 3,387 x ( | $1+$ | 31.60\% / |
| 34,184 x ( | $1+$ | 31.70\% / |
| 141,051 $\times$ ( | $1+$ | 21.80\% / |
| 3,497 x ( | $1+$ | 31.60\% / |
| 87,484 x ( | $1+$ | 21.80\% / |
| 1,315 $\times$ ( | $1+$ | 31.60\% / |
| $352 \times$ ( | $1+$ | 21.80\% / |
| 56,000 x ( | $1+$ | 54.00\% / |
| $473 \times 1$ | $1+$ | 38.30\% / |
| $200 \times 1$ | $1+$ | 38.30\% / |
| 5,152 x ( | $1+$ | 21.80\% / |
| $360 \times$ ( | $1+$ | 21.80\% / |
| 477,334 x | $1+$ | 10.10\% / |
| 1,769 x ( | $1+$ | 21.80\% / |
| 4,072 $\times$ ( | $1+$ | 31.60\% / |
| 48,270 x ( | $1+$ | 10.10\% / |
| 191,104 $\times$ ( | $1+$ | 21.80\% / |
| 228,944 x ( | $1+$ | 8.50\% / |
| 2,971 x | $1+$ | 38.30\% / |
| 19,628 $\times$ ( | $1+$ | 31.70\% / |
| 194,108 $\times$ ( | $1+$ | 41.00\% / |
| 17,033 $\times$ ( | $1+$ | 31.60\% / |
| 50,790 x ( | $1+$ | 29.10\% / |
| $5,000 \times($ | $1+$ | 21.80\% / |
| 23,514 $\times$ ( | $1+$ | 25.00\% / |
| 17,848 x ( | $1+$ | 36.30\% / |
| 13,300 $\times$ ( | $1+$ | 36.30\% / |


| 2 x ) | $0.02=$ | 1,007 | \$25,699 | 59,229 |
| :---: | :---: | :---: | :---: | :---: |
| 2 x ) | $0.02=$ | 56 | \$1,429 | 3,296 |
| 2 x ) | $0.02=$ | 67 | \$1,710 | 3,922 |
| 2 x ) | $0.02=$ | 673 | \$17,175 | 39,602 |
| 2 x ) | $0.02=$ | 2,659 | \$67,858 | 156,426 |
| 2 x ) | $0.02=$ | 69 | \$1,761 | 4,050 |
| 2 x ) | $0.02=$ | 1,649 | \$42,082 | 97,020 |
| 2 x ) | $0.02=$ | 26 | \$664 | 1,523 |
| 2 x ) | $0.02=$ | 7 | \$179 | 390 |
| 2 x ) | $0.02=$ | 1,209 | \$30,854 | 71,120 |
| 2 x ) | $0.02=$ | 10 | \$255 | 564 |
| 2 x ) | $0.02=$ | 4 | \$102 | 238 |
| 2 x ) | $0.02=$ | 97 | \$2,475 | 5,714 |
| 2 x ) | $0.02=$ | 7 | \$179 | 399 |
| 2 x ) | $0.02=$ | 8,524 | \$217,532 | 501,439 |
| 2 x ) | $0.02=$ | 33 | \$842 | 1,962 |
| 2 x ) | $0.02=$ | 80 | \$2,042 | 4,715 |
| 2 x ) | $0.02=$ | 862 | \$21,998 | 50,708 |
| 2 x ) | $0.02=$ | 3,603 | \$91,949 | 211,934 |
| 2 x ) | $0.02=$ | 4,057 | \$103,535 | 238,674 |
| 2 x ) | $0.02=$ | 60 | \$1,531 | 3,540 |
| 2 x ) | $0.02=$ | 387 | \$9,876 | 22,739 |
| 2 x ) | $0.02=$ | 3,976 | \$101,468 | 233,900 |
| 2 x ) | $0.02=$ | 335 | \$8,549 | 19,724 |
| 2 x ) | $0.02=$ | 989 | \$25,239 | 58,180 |
| 2 x ) | $0.02=$ | 94 | \$2,399 | 5,545 |
| 2 x ) | $0.02=$ | 450 | \$11,484 | 26,453 |
| 2 x ) | $0.02=$ | 358 | \$9,136 | 21,087 |
| 2 x ) | $0.02=$ | 267 | \$6,814 | 15,714 |
|  |  | 162,803 | \$4,154,733 | 9,576,692 |


[^0]:    
    

