| UNDISCOUNTED <br> No Vaccination |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|c} \text { age } \\ \text { (year) } \end{array}$ | $\begin{gathered} \text { age } \\ \text { (month) } \end{gathered}$ | DF |  |  |  |  |  | DHF |  |  |  |  |  | DSS |  |  |  |  |  | total |
|  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  |  |
|  |  | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death |  |
| TOTAL |  | \$70,053 | \$2,035,147 | \$0 | \$112,084 | \$3,256,236 | \$0 | \$40,508 | \$7,080,686 | \$0 | \$64,530 | \$11,279,698 | \$0 | \$0 | \$60,432 | \$0 | \$0 | \$105,755 | \$0 | \$24,105,129 |
| 9 | $\cdot$ | \$6,375 | \$185,198 | \$0 | \$10,200 | \$296,318 | \$0 | \$3,686 | \$644,343 | \$0 | \$5,872 | \$1,026,453 | \$0 | \$0 | \$5,499 | \$0 | \$0 | \$9,624 | \$0 | \$2,193,567 |
| 10 | 1 | \$6,374 | \$185,161 | \$0 | \$10,198 | \$296,258 | \$0 | \$3,686 | \$644,214 | \$0 | \$5,871 | \$1,026,248 | \$0 | \$0 | \$5,498 | \$0 | \$0 | \$9,622 | \$0 | \$2,193,129 |
| 11 | 2 | \$6,372 | \$185,124 | \$0 | \$10,196 | \$296,199 | \$0 | \$3,685 | \$644,085 | \$0 | \$5,870 | \$1,026,042 | \$0 | \$0 | \$5,497 | \$0 | \$0 | \$9,620 | \$0 | \$2,192,690 |
| 12 | 3 | \$6,371 | \$185,087 | \$0 | \$10,194 | \$296,140 | \$0 | \$3,684 | \$643,956 | \$0 | \$5,869 | \$1,025,837 | \$0 | \$0 | \$5,496 | \$0 | \$0 | \$9,618 | \$0 | \$2,192,252 |
| 13 | 4 | \$6,370 | \$185,050 | \$0 | \$10,192 | \$296,081 | \$0 | \$3,683 | \$643,827 | \$0 | \$5,868 | \$1,025,632 | \$0 | \$0 | \$5,495 | \$0 | \$0 | \$9,616 | \$0 | \$2,191,813 |
| 14 | 5 | \$6,368 | \$185,013 | \$0 | \$10,189 | \$296,021 | \$0 | \$3,683 | \$643,699 | \$0 | \$5,866 | \$1,025,427 | \$0 | \$0 | \$5,994 | \$0 | \$0 | \$9,614 | \$0 | \$2,191,375 |
| 15 | 6 | \$6,367 | \$184,976 | \$0 | \$10,187 | \$295,962 | \$0 | \$3,682 | \$643,570 | \$0 | \$5,865 | \$1,025,222 | \$0 | \$0 | \$5,493 | \$0 | \$0 | \$9,612 | \$0 | \$2,190,937 |
| 16 | 7 | \$6,366 | \$184,939 | \$0 | \$10,185 | \$295,903 | \$0 | \$3,681 | \$643,441 | \$0 | \$5,864 | \$1,025,017 | \$0 | \$0 | \$5,492 | \$0 | \$0 | \$9,610 | \$0 | \$2,190,499 |
| 17 | 8 | \$6,365 | \$184,902 | \$0 | \$10,183 | \$295,844 | \$0 | \$3,680 | \$643,313 | \$0 | \$5,863 | \$1,024,812 | \$0 | \$0 | \$5,490 | \$0 | \$0 | \$9,608 | \$0 | \$2,190,060 |
| 18 | , | \$6,363 | \$184,865 | \$0 | \$10,181 | \$295,785 | \$0 | \$3,680 | \$643,184 | \$0 | \$5,862 | \$1,024,607 | \$0 | \$0 | \$5,489 | \$0 | \$0 | \$9,606 | \$0 | \$2,189,623 |
| 19 | 10 | \$6,362 | \$184,828 | \$0 | \$10,179 | \$295,725 | S0 | \$3,679 | \$643,055 | \$0 | \$5,861 | \$1,024,402 | \$0 | S0 | \$5,488 | \$0 | \$0 | \$9,604 | \$0 | \$2,189,185 |


| $\begin{gathered} \text { age } \\ \text { (year) } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { age } \\ \text { (month) } \end{array}$ | DF |  |  |  |  |  | DHF |  |  |  |  |  | DSS |  |  |  |  |  | total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  |  |
|  |  | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death |  |
| TOTAL |  | \$48,401 | \$1,406,115 | \$0 | \$77,441 | \$2,249,785 | \$0 | \$27,988 | \$4,892,158 | \$0 | \$44,585 | \$7,793,321 | \$0 | \$0 | \$41,753 | \$0 | \$0 | \$73,068 | \$0 | \$16,654,614 |
| 9 | - | \$4,404 | \$127,957 | \$0 | \$7,047 | \$204,730 | \$0 | \$2,547 | \$445,186 | \$0 | \$4,057 | \$709,192 | \$0 | \$0 | \$3,800 | \$0 | \$0 | \$6,649 | \$0 | \$1,515,570 |
| 10 | 1 | \$4,404 | \$127,931 | \$0 | \$7,046 | \$204,690 | \$0 | \$2,546 | \$445,097 | \$0 | \$4,056 | \$709,051 | \$0 | \$0 | \$3,799 | \$0 | \$0 | \$6,648 | \$0 | \$1,515,267 |
| 11 | 2 | \$4,403 | \$127,905 | \$0 | \$7,044 | \$204,649 | \$0 | \$2,546 | \$445,008 | \$0 | \$4,056 | \$708,909 | \$0 | \$0 | \$3,798 | \$0 | \$0 | \$6,647 | \$0 | \$1,514,964 |
| 12 | 3 | \$4,402 | \$127,880 | \$0 | \$7,043 | \$204,608 | \$0 | \$2,545 | \$444,919 | \$0 | \$4,055 | \$708,767 | \$0 | \$0 | \$3,797 | \$0 | \$0 | \$6,645 | \$0 | \$1,514,661 |
| 13 | 4 | \$4,401 | \$127,854 | \$0 | \$7,041 | \$204,567 | \$0 | \$2,545 | \$444,830 | \$0 | \$4,054 | \$708,625 | \$0 | \$0 | \$3,796 | \$0 | \$0 | \$6,644 | \$0 | \$1,514,358 |
| 14 | 5 | \$4,400 | \$127,829 | \$0 | \$7,040 | \$204,526 | \$0 | \$2,544 | \$444,742 | \$0 | \$4,053 | \$708,484 | \$0 | \$0 | \$3,796 | \$0 | \$0 | \$6,643 | So | \$1,514,056 |
| 15 | 6 | \$4,399 | \$127,803 | \$0 | \$7,039 | \$204,485 | \$0 | \$2,544 | \$444,653 | So | \$4,052 | \$708,342 | \$0 | So | \$3,795 | \$0 | \$0 | \$6,641 | So | \$1,513,753 |
| 16 | 7 | \$4,398 | \$127,778 | \$0 | \$7,037 | \$204,444 | \$0 | \$2,543 | \$444,564 | \$0 | \$4,052 | \$708,200 | \$0 | \$0 | \$3,794 | \$0 | \$0 | \$6,640 | So | \$1,513,450 |
| 17 | 8 | \$4,397 | \$127,752 | \$0 | \$7,036 | \$204,403 | \$0 | \$2,543 | \$444,475 | S0 | \$4,051 | \$708,059 | \$0 | \$0 | \$3,793 | \$0 | \$0 | \$6,639 | S0 | \$1,513,147 |
| 18 | 9 | \$4,397 | \$127,726 | S0 | \$7,034 | \$204,362 | \$0 | \$2,542 | \$444,386 | \$0 | \$4,050 | \$707,917 | \$0 | \$0 | \$3,793 | S0 | \$0 | \$6,637 | S0 | \$1,512,845 |
| 19 | 10 | \$4,396 | \$127,701 | \$0 | \$7,033 | \$204,321 | \$0 | \$2,542 | \$444,297 | \$0 | \$4,049 | \$707,775 | \$0 | \$0 | \$3,792 | \$0 | \$0 | \$6,636 | \$0 | \$1,512,542 |

discounted

| age <br> (year) | $\begin{array}{c\|c} \text { age } \\ \text { (month) } \end{array}$ | DF |  |  |  |  |  | DHF |  |  |  |  |  | DSs |  |  |  |  |  | total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  |  |
|  |  | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death |  |
| TOTAL |  | \$46,518 | \$1,351,437 | \$0 | \$74,430 | \$2,162,300 | S0 | \$26,899 | \$4,701,922 | S0 | \$42,851 | \$7,490,271 | \$0 | So | \$40,129 | \$0 | \$0 | \$70,227 | S0 | \$16,006,984 |
| 9 | - | \$4,886 | \$141,939 | \$0 | \$7,817 | \$227,103 | \$0 | \$2,825 | \$493,835 | \$0 | \$4,501 | \$786,691 | \$0 | S0 | \$4,215 | \$0 | \$0 | \$7,376 | \$0 | \$1,681,187 |
| 10 | 1 | \$4,743 | \$137,777 | \$0 | \$7,588 | \$220,444 | \$0 | \$2,742 | \$479,356 | \$0 | \$4,369 | \$763,625 | \$0 | S0 | \$4,091 | \$0 | \$0 | \$7,160 | S0 | \$1,631,894 |
| 11 | 2 | \$4,603 | \$133,738 | \$0 | \$7,366 | \$213,980 | So | \$2,662 | \$465,301 | So | \$4,241 | \$741,235 | \$0 | So | \$3,971 | \$0 | S0 | \$6,950 | So | \$1,584,046 |
| 12 | 3 | \$4,468 | \$129,817 | \$0 | \$7,150 | \$207,706 | \$0 | \$2,584 | \$451,658 | \$0 | \$4,116 | \$719,502 | \$0 | S0 | \$3,855 | \$0 | \$0 | \$6,746 | S0 | \$1,537,601 |
| 13 | 4 | \$4,337 | \$126,010 | \$0 | \$6,940 | \$201,616 | \$0 | \$2,508 | \$438,415 | \$0 | \$3,996 | \$698,405 | \$0 | \$0 | \$3,742 | \$0 | \$0 | \$6,548 | \$0 | \$1,492,518 |
| 14 | 5 | \$4,210 | \$122,316 | \$0 | \$6,736 | \$195,705 | \$0 | \$2,435 | \$425,561 | \$0 | \$3,878 | \$677,928 | \$0 | \$0 | \$3,632 | \$0 | \$0 | \$6,356 | \$0 | \$1,448,757 |
| 15 | 6 | \$4,087 | \$118,729 | \$0 | \$6,539 | \$189,967 | \$0 | \$2,363 | \$413,083 | \$0 | \$3,765 | \$658,051 | \$0 | S0 | \$3,526 | \$0 | \$0 | \$6,170 | S0 | \$1,406,279 |
| 16 | 7 | \$3,967 | \$115,248 | \$0 | \$6,347 | \$184,397 | \$0 | \$2,294 | \$400,971 | \$0 | \$3,654 | \$638,757 | \$0 | S0 | \$3,422 | \$0 | \$0 | \$5,989 | S0 | \$1,365,046 |
| 17 | 8 | \$3,851 | \$111,869 | \$0 | \$6,161 | \$178,990 | \$0 | \$2,227 | \$389,215 | \$0 | \$3,547 | \$620,028 | \$0 | S0 | \$3,322 | \$0 | \$0 | \$5,813 | S0 | \$1,325,023 |
| 18 | 9 | \$3,738 | \$108,589 | \$0 | \$5,980 | \$173,742 | \$0 | \$2,161 | \$377,803 | \$0 | \$3,443 | \$601,849 | \$0 | \$0 | \$3,224 | \$0 | \$0 | \$5,643 | \$0 | \$1,286,172 |
| 19 | 10 | \$3,628 | \$105,405 | \$0 | \$5,805 | \$168,648 | \$0 | \$2,098 | \$366,725 | \$0 | \$3,342 | \$584,202 | \$0 | S0 | \$3,130 | \$0 | \$0 | \$5,477 | \$0 | \$1,248,461 |


| Vaccination |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|c\|} \hline \begin{array}{c} \text { age } \\ \text { (year) } \end{array} \\ \hline \end{array}$ | $\begin{gathered} \text { age } \\ \text { (month) } \end{gathered}$ | DF |  |  |  |  |  | DHF |  |  |  |  |  | DSs |  |  |  |  |  | total |
|  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  | primary infection |  |  | secondary infection |  |  |  |
|  |  | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death | outpatient | hospitalization | death |  |
| TOTAL |  | \$32,140 | \$933,729 | \$0 | \$51,425 | \$1,493,967 | \$0 | \$18,585 | \$3,248,632 | S0 | \$29,607 | \$5,175,146 | S0 | \$0 | \$27,726 | S0 | \$0 | \$48,521 | \$0 | \$11,059,478 |
| 9 | - | \$3,376 | \$98,068 | \$0 | \$5,401 | \$156,909 | S0 | \$1,952 | \$341,198 | S0 | \$3,110 | \$543,537 | \$0 | \$0 | \$2,912 | S0 | \$0 | \$5,096 | S0 | \$1,161,558 |
| 10 | 1 | \$3,277 | \$95,193 | \$0 | \$5,243 | \$152,308 | S0 | \$1,885 | \$331,194 | \$0 | \$3,018 | \$527,600 | \$0 | \$0 | \$2,827 | \$0 | \$0 | \$4,947 | So | \$1,127,501 |
| 11 | 2 | \$3,181 | \$92,402 | \$0 | \$5,089 | \$147,842 | \$0 | \$1,839 | \$321,484 | \$0 | \$2,930 | \$512,131 | \$0 | \$0 | \$2,744 | \$0 | \$0 | \$4,802 | So | \$1,094,442 |
| 12 | 3 | \$3,087 | \$89,692 | \$0 | \$4,940 | \$143,508 | \$0 | \$1,785 | \$312,058 | \$0 | \$2,844 | \$497,115 | \$0 | \$0 | \$2,663 | so | \$0 | \$4,661 | \$0 | \$1,062,353 |
| 13 | 4 | \$2,997 | \$87,062 | \$0 | \$4,795 | \$139,300 | S0 | \$1,733 | \$302,908 | \$0 | \$2,761 | \$482,539 | \$0 | S0 | \$2,585 | \$0 | \$0 | \$4,524 | \$0 | \$1,031,204 |
| 14 | 5 | \$2,909 | \$84,510 | \$0 | \$4,654 | \$135,216 | \$0 | \$1,682 | \$294,027 | S0 | \$2,680 | \$468,391 | \$0 | \$0 | \$2,509 | S0 | \$0 | \$4,391 | \$0 | \$1,000,969 |
| 15 | 6 | \$2,824 | \$82,032 | \$0 | \$4,518 | \$131,251 | \$0 | \$1,633 | \$285,406 | S0 | \$2,601 | \$454,658 | \$0 | \$0 | \$2,436 | \$0 | \$0 | \$4,263 | S0 | \$971,620 |
| 16 | 7 | \$2,741 | \$79,627 | \$0 | \$4,385 | \$127,403 | \$0 | \$1,585 | \$277,037 | S0 | \$2,525 | \$441,327 | \$0 | \$0 | \$2,364 | \$0 | \$0 | \$4,138 | \$0 | \$943,132 |
| 17 | 8 | \$2,661 | \$77,292 | S0 | \$4,257 | \$123,667 | \$0 | \$1,538 | \$268,915 | S0 | \$2,451 | \$428,387 | \$0 | S0 | \$2,295 | \$0 | \$0 | \$4,016 | S0 | \$915,479 |
| 18 | 9 | \$2,582 | \$75,026 | \$0 | \$4,132 | \$120,041 | S0 | \$1,493 | \$261,030 | So | \$2,379 | \$415,827 | \$0 | \$0 | \$2,228 | S0 | \$0 | \$3,899 | So | \$888,637 |
| 19 | 10 | \$2,507 | \$72,826 | \$0 | \$4,011 | \$116,522 | S0 | \$1,450 | \$253,376 | S0 | \$2,309 | \$403,634 | \$0 | \$0 | \$2,162 | S0 | \$0 | \$3,784 | \$0 | \$862,582 |

