|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table A.** Summary of Aggregation Information of HPV Vaccination Patients on the Long Island. (The patients from the entire NYSIIS database) 1 | | | | | | | | | | | | | | P value | |
|  |  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Linear | Overall |
| Gender | Male | 20574 | 38493 | 56711 | 77367 | 99946 | 120951 | 142650 | 163788 | 179135 | 193555 | 209654 | 225007 | <0.0005 | <0.0005 |
| Female | 55221 | 70823 | 86802 | 106035 | 126958 | 146873 | 166948 | 187044 | 202339 | 216664 | 232859 | 248334 | <0.0005 | <0.0005 |
| Age | 9-142 | 16458 | 23004 | 28215 | 36383 | 44374 | 49557 | 54729 | 58983 | 56735 | 52808 | 51848 | 51522 | <0.0005 | <0.0005 |
| 14-26 | 59331 | 86296 | 115183 | 146644 | 181202 | 214563 | 246876 | 277885 | 302238 | 322171 | 338127 | 348376 | <0.0005 | <0.0005 |
| >=26 | 162 | 239 | 410 | 725 | 1728 | 4148(1)4 | 8468 | 14473(3) | 23030(1) | 25799(3) | 53149(3) | 74101(6) | <0.0005 | <0.0005 |
| Race and Ethnic | White | 32635 | 49774 | 66838 | 86873 | 109218 | 130939 | 152995 | 174070 | 190051 | 203714 | 218956 | 233244 | <0.0005 | <0.0005 |
| Black | 6643 | 9529 | 12635 | 16727 | 21117 | 25031 | 28954 | 32860 | 35569 | 38436 | 41532 | 44677 | <0.0005 | <0.0005 |
| Asian | 3990 | 5803 | 7830 | 10642 | 13637 | 16675 | 20017 | 23285 | 25957 | 28451 | 31613 | 34801 | <0.0005 | <0.0005 |
| Hispanic | 14329 | 21043 | 29631 | 39846 | 51594 | 61855 | 72568 | 84262 | 92393 | 101611 | 112155 | 122192 | <0.0005 | <0.0005 |
| Non-Hispanic | 38598 | 58515 | 78026 | 101732 | 127471 | 152483 | 177657 | 201188 | 219371 | 234853 | 252642 | 269436 | <0.0005 | <0.0005 |
| Total |  | 75954 | 109540 | 143808 | 183751 | 227304 | 268268 | 310072 | 351339 | 381998 | 410773 | 443121 | 473995 | <0.0005 | <0.0005 |

1. The absolute numbers here represent the number of individuals in the specific group with one or more HPV vaccine doses.
2. Children ages 9- to 13-year-old are the targeted population studied in this paper.
3. HPV vaccination is not recommended for everyone older than age 26 years.
4. The numbers in the parentheses show the newly added patients who initiated the HPV vaccination during that year.