|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 4.** Vaccine uptake by statistically significant bivariate and multivariate predictors | | | | |
|  |  | | | Received vaccine |
|  |  | | | n (%) |
| **Measles, Mumps, Rubella vaccine** | |  | | |
|  | Vaccine importance group‡ | |  | |
|  | Low to moderate | | 106 (80.9%) | |
|  | High | | 231 (97.1%) | |
|  | Very high | | 325 (96.7%) | |
|  | Vaccine info source: doctor\* | |  | |
|  | Yes | | 618 (94.5%) | |
|  | No | | 44 (86.3%) | |
|  | Vaccine info source: family† | |  | |
|  | Yes | | 89 (97.8%) | |
|  | No | | 573 (93.3%) | |
|  | Vaccine info source: social media‡ | |  | |
|  | Yes | | 9 (69.2%) | |
|  | No | | 653 (94.4%) | |
|  | Values in daily life: excitement† | |  | |
|  | Very important/important | | 478 (93.5%) | |
|  | Not at all important/slightly important/moderately important | | 184 (94.8%) | |
|  | Values in daily life: warm relationships with others‡ | |  | |
|  | Very important/important | | 596 (94.5%) | |
|  | Not at all important/slightly important/moderately important | | 66 (89.2%) | |
|  | Values in daily life: self-fulfillment\* | |  | |
|  | Very important/important | | 573 (94.7%) | |
|  | Not at all important/slightly important/moderately important | | 89 (89.0%) | |
|  | Like thinking about vaccine decisions\* | |  | |
|  | Strongly agree/agree | | 254 (90.1%) | |
|  | Strongly disagree/disagree/neutral | | 408 (96.5%) | |
|  | Parent's insurance coverage‡ | |  | |
|  | None | | 38 (88.4%) | |
|  | Private only | | 330 (96.2%) | |
|  | Public only | | 267 (91.8%) | |
|  | Private and public | | 20 (100.0%) | |
|  | Don't know | | 7 (87.5%) | |
|  | Change in vaccine comfort level between children‡ | |  | |
|  | Only have one child | | 138 (93.9%) | |
|  | More comfortable with younger child | | 143 (91.1%) | |
|  | Less comfortable with younger child | | 37 (82.2%) | |
|  | Never comfortable with vaccines | | 55 (91.7%) | |
|  | Always comfortable with vaccines | | 289 (97.6%) | |
|  | Child's insurance coverage\* | |  | |
|  | None | | 7 (87.5%) | |
|  | Private only | | 296 (96.4%) | |
|  | Public only | | 335 (92.3%) | |
|  | Private and public | | 19 (95.0%) | |
|  | Don't know | | 5 (71.4%) | |
|  | Parent sex\* | |  | |
|  | Male | | 125 (88.0%) | |
|  | Female | | 537 (95.4%) | |
| **Haemophilus influenzae type B vaccine** | | |  | |
|  | Vaccine importance group‡ | |  | |
|  | Low to moderate | | 81 (61.8%) | |
|  | High | | 219 (90.5%) | |
|  | Very high | | 346 (95.3%) | |
|  | Vaccine info source: doctor\* | |  | |
|  | Yes | | 605 (88.7%) | |
|  | No | | 41 (75.9%) | |
|  | Vaccine nfo source: academic journal† | |  | |
|  | Yes | | 63 (91.3%) | |
|  | No | | 583 (87.4%) | |
|  | Vaccine info source: internet‡ | |  | |
|  | Yes | | 94 (78.3%) | |
|  | No | | 552 (89.6%) | |
|  | Values in daily life: self-fulfillment‡ | |  | |
|  | Very important/important | | 558 (88.3%) | |
|  | Not at all important/slightly important/moderately important | | 88 (84.6%) | |
|  | Values in daily life: self-respect† | |  | |
|  | Very important/important | | 594 (87.6%) | |
|  | Not at all important/slightly important/moderately important | | 52 (89.7%) | |
|  | Like thinking about vaccine decisions\* | |  | |
|  | Strongly agree/agree | | 250 (84.2%) | |
|  | Strongly disagree/disagree/neutral | | 396 (90.2%) | |
|  | Prefer to do own research about vaccines\* | |  | |
|  | Strongly agree/agree | | 283 (85.2%) | |
|  | Strongly disagree/disagree/neutral | | 363 (89.9%) | |
|  | Child's insurance coverage‡ | |  | |
|  | None | | 6 (54.6%) | |
|  | Private only | | 279 (89.1%) | |
|  | Public only | | 337 (87.8%) | |
|  | Private and public | | 20 (90.9%) | |
|  | Don't know | | 4 (66.7%) | |
|  | Race† | |  | |
|  | White | | 514 (88.6%) | |
|  | Black | | 59 (79.7%) | |
|  | Asian | | 31 (93.9%) | |
|  | Other | | 21 (87.5%) | |
|  | Mixed race | | 21 (84.0%) | |
|  | Income‡ | |  | |
|  | $60,000 or less | | 398 (90.5%) | |
|  | $60,001 to $100,000 | | 138 (81.2%) | |
|  | $100,001 or more | | 110 (87.3%) | |
|  | Parent works in healthcare field\* | |  | |
|  | Yes | | 80 (81.6%) | |
|  | No | | 566 (88.7%) | |
|  | Parent sex\* | |  | |
|  | Male | | 109 (81.3%) | |
|  | Female | | 537 (89.2%) | |
| **Pneumococcal Conjugate Vaccine** | | |  | |
|  | Vaccine importance group‡ | |  | |
|  | Low to moderate | | 56 (43.1%) | |
|  | High | | 180 (77.9%) | |
|  | Very high | | 321 (91.2%) | |
|  | Vaccine info source: family† | |  | |
|  | Yes | | 78 (82.1%) | |
|  | No | | 479 (77.5%) | |
|  | Vaccine info source: friends and/or other parents‡ | |  | |
|  | Yes | | 58 (66.7%) | |
|  | No | | 499 (79.7%) | |
|  | Change in vaccine comfort level between children\* | |  | |
|  | Only have one child | | 111 (75.0%) | |
|  | More comfortable with younger child | | 130 (80.8%) | |
|  | Less comfortable with younger child | | 32 (61.5%) | |
|  | Never comfortable with vaccines | | 51 (79.7%) | |
|  | Always comfortable with vaccines | | 233 (80.9%) | |
|  | Parent marital status\* | |  | |
|  | Single/not married | | 112 (71.8%) | |
|  | Married/domestic partner/widowed | | 416 (80.6%) | |
|  | Divorced/separated | | 29 (70.7%) | |
|  | Parent's age\* | |  | |
|  | 18 -24 | | 73 (76.8%) | |
|  | 25 - 34 | | 336 (80.4%) | |
|  | 35 - 44 | | 126 (77.8%) | |
|  | 45+ | | 22 (57.9%) | |
|  | Income\* | |  | |
|  | $60,000 or less | | 331 (78.6%) | |
|  | $60,001 to $100,000 | | 122 (72.2%) | |
|  | $100,001 or more | | 104 (84.6%) | |
| **Rotavirus vaccine** | | |  | |
|  | Vaccine importance group‡ | |  | |
|  | Low to moderate | | 88 (66.7%) | |
|  | High | | 223 (90.7%) | |
|  | Very high | | 359 (98.1%) | |
|  | Vaccine info source: doctor\* | |  | |
|  | Yes | | 629 (91.2%) | |
|  | No | | 41 (75.9%) | |
|  | Vaccine info source: religious leaders† | |  | |
|  | Yes | | 8 (80.0%) | |
|  | No | | 662 (90.2%) | |
|  | Vaccine info source: social media‡ | |  | |
|  | Yes | | 9 (64.3%) | |
|  | No | | 661 (90.6%) | |
|  | Vaccine info source: internet\* | |  | |
|  | Yes | | 103 (84.4%) | |
|  | No | | 567 (91.2%) | |
|  | Values in daily life: warm relationships with others‡ | |  | |
|  | Very important/important | | 607 (91.0%) | |
|  | Not at all important/slightly important/moderately important | | 63 (81.8%) | |
|  | Values in daily life: security\* | |  | |
|  | Very important/important | | 627 (90.5%) | |
|  | Not at all important/slightly important/moderately important | | 43 (84.3%) | |
|  | Values in daily life: self-fulfillment\* | |  | |
|  | Very important/important | | 580 (90.3%) | |
|  | Not at all important/slightly important/moderately important | | 90 (88.2%) | |
|  | Like thinking about vaccine decisions‡ | |  | |
|  | Strongly agree/agree | | 252 (84.6%) | |
|  | Strongly disagree/disagree/neutral | | 418 (93.7%) | |
|  | Prefer to do own research about vaccines\* | |  | |
|  | Strongly agree/agree | | 292 (87.2%) | |
|  | Strongly disagree/disagree/neutral | | 378 (92.4%) | |
|  | Parent's insurance coverage† | |  | |
|  | None | | 42 (89.4%) | |
|  | Private only | | 325 (91.3%) | |
|  | Public only | | 272 (87.7%) | |
|  | Private and public | | 24 (100.0%) | |
|  | Don't know | | 7 (100.0%) | |
|  | Child's insurance coverage‡ | |  | |
|  | None | | 7 (63.6%) | |
|  | Private only | | 289 (90.6%) | |
|  | Public only | | 344 (90.1%) | |
|  | Private and public | | 23 (95.8%) | |
|  | Don't know | | 7 (87.5%) | |
|  | Income‡ | |  | |
|  | $60,000 or less | | 411 (92.6%) | |
|  | $60,001 to $100,000 | | 152 (85.4%) | |
|  | $100,001 or more | | 107 (87.7%) | |
|  | Parent marital status‡ | |  | |
|  | Single/not married | | 127 (84.7%) | |
|  | Married/domestic partner/widowed | | 503 (91.3%) | |
|  | Divorced/separated | | 40 (93.0%) | |
|  | Parent's education† | |  | |
|  | High school or less | | 144 (91.7%) | |
|  | Some college | | 142 (90.5%) | |
|  | Technical school/Associate's degree | | 128 (94.8%) | |
|  | Bachelor's degree | | 173 (85.2%) | |
|  | Master's degree or higher | | 83 (90.2%) | |
|  | Parent sex\* | |  | |
|  | Male | | 111 (83.5%) | |
|  | Female | | 559 (91.5%) | |
|  | Community Type‡ | |  | |
|  | Urban | | 216 (87.1%) | |
|  | Suburban | | 295 (89.9%) | |
|  | Rural | | 159 (94.6%) | |
|  | Number of children in household‡ | |  | |
|  | 1 | | 266 (85.8%) | |
|  | 2 | | 244 (92.1%) | |
|  | 3 | | 109 (98.2%) | |
|  | 4 | | 39 (88.6%) | |
|  | 5+ | | 12 (85.7%) | |
| **Varicella Vaccine** | | |  | |
|  | Vaccine importance group‡ | |  | |
|  | Low to moderate | | 83 (67.5%) | |
|  | High | | 203 (91.9%) | |
|  | Very high | | 307 (93.9%) | |
|  | Vaccine info source: doctor\* | |  | |
|  | Yes | | 555 (89.1%) | |
|  | No | | 38 (79.2%) | |
|  | Vaccine info source: social media‡ | |  | |
|  | Yes | | 9 (69.2%) | |
|  | No | | 584 (88.8%) | |
|  | Vaccine info source: internet\* | |  | |
|  | Yes | | 79 (81.4%) | |
|  | No | | 514 (89.6%) | |
|  | Prefer to do own research about vaccines\* | |  | |
|  | Strongly agree/agree | | 268 (86.5%) | |
|  | Strongly disagree/disagree/neutral | | 325 (90.0%) | |
|  | Parent marital status‡ | |  | |
|  | Single/not married | | 125 (82.2%) | |
|  | Married/domestic partner/widowed | | 428 (89.7%) | |
|  | Divorced/separated | | 40 (95.2%) | |
| \*significant in bivariate analysis (p<0.05) | | | | | |  |
| †significant in multivariate analysis (p<0.05) | | | | | |  |
| ‡significant in both bivariate and multivariate analysis (p<0.05) | | | | | |  |