**Table S1. Human papillomavirus vaccination completion status**

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| --- | --- | --- | --- |
| **Age (at index)** | **Complete vaccination** | **Some vaccination** | **No vaccination** |
| 11-13 | 26,230 (54.9%) | 7519 (15.7%) | 14,022 (29.4%) |
| 14-15 | 1036 (12.4%) | 2814 (33.8%) | 4472 (53.7%) |
| 16-17 | 117 (2.1%) | 2854 (50.1%) | 2724 (47.8%) |
| Total | 27,383 (44.3%) | 13,187 (21.3%) | 21,218 (34.3%) |