

# Contents

|   |            |
|---|------------|
| <b>Executive summary</b>  | <b>iii</b> |
| <b>1 Introduction</b>   | <b>2</b>   |
| <b>2 Demographic and socioeconomic factors</b> <i>(last update 25 Nov 2013)</i>   | <b>4</b>   |
| <b>3 Burden of HPV related cancers</b>  | <b>6</b>   |
| 3.1 Cervical cancer   | 6          |
| 3.1.1 Incidence of cervical cancer in Spain <i>(last update 14 Jul 2014)</i>  | 6          |
| 3.1.2 Incidence of cervical cancer by histology in Spain <i>(last update 22 Jul 2014)</i>   | 10         |
| 3.1.3 Incidence of cervical cancer in Spain across the Southern Europe <i>(last update 14 Jul 2014)</i>   | 12         |
| 3.1.4 Mortality from cervical cancer in Spain <i>(last update 14 Jul 2014)</i>  | 15         |
| 3.1.5 Mortality of cervical cancer in Spain across the Southern Europe <i>(last update 14 Jul 2014)</i>   | 19         |
| 3.1.6 Comparison of incidence and mortality, survival, prevalence and disability-adjusted life years (DALYs) from cervical cancer in Spain <i>(last update 14 Jul 2014)</i> | 22         |
| 3.2 Anogenital cancers other than the cervix  | 24         |
| 3.2.1 Anal cancer <i>(last update 22 Jul 2014)</i>  | 24         |
| 3.2.2 Vulvar cancer <i>(last update 22 Jul 2014)</i>  | 27         |
| 3.2.3 Vaginal cancer <i>(last update 22 Jul 2014)</i>   | 29         |
| 3.2.4 Penile cancer <i>(last update 22 Jul 2014)</i>  | 31         |
| 3.3 Head and neck cancers   | 33         |
| 3.3.1 Pharyngeal cancer (excluding nasopharynx)   | 33         |
| <b>4 HPV related statistics</b>   | <b>37</b>  |
| 4.1 HPV burden in women with normal cytology, precancerous cervical lesions or invasive cervical cancer   | 37         |
| 4.1.1 HPV prevalence in women with normal cytology <i>(last update 03 Jun 2013, data as of 01 Jan 2012)</i>   | 38         |
| 4.1.2 HPV type distribution among women with normal cytology, precancerous cervical lesions and cervical cancer <i>(last update 03 Jun 2013, data as of 30 Sep 2012)</i>    | 40         |
| 4.1.3 HPV type distribution among HIV+ women with normal cytology <i>(last update 03 Jun 2013, data as of 31 Dec 2011)</i>  | 50         |
| 4.1.4 Terminology   | 51         |
| 4.2 HPV burden in anogenital cancers other than cervix  | 52         |
| 4.2.1 Anal cancer and precancerous anal lesions <i>(last update 03 Jun 2013, data as of 31 Dec 2011)</i>  | 52         |
| 4.2.2 Vulvar cancer and precancerous vulvar lesions <i>(last update 03 Jun 2013, data as of 31 Dec 2011)</i>  | 55         |
| 4.2.3 Vaginal cancer and precancerous vaginal lesions <i>(last update 03 Jun 2013, data as of 31 Dec 2011)</i>  | 56         |
| 4.2.4 Penile cancer and precancerous penile lesions <i>(last update 03 Jun 2013, data as of 31 Dec 2011)</i>  | 57         |
| 4.3 HPV burden in men <i>(last update 03 Jun 2013, data as of 30 Jun 2009)</i>  | 58         |
| 4.4 HPV burden in head and neck   | 60         |
| 4.4.1 Burden of oral HPV infection in healthy population <i>(last update 03 Jun 2013, data as of 31 Jul 2012)</i>   | 60         |
| 4.4.2 HPV burden in oral cavity cancers <i>(last update 03 Jun 2013, data as of 31 Mar 2012)</i>  | 60         |
| 4.4.3 HPV burden in pharyngeal cancers (excluding nasopharynx) <i>(last update 03 Jun 2013, data as of 31 Mar 2012)</i>   | 62         |

---

|          |   |           |
|----------|---|-----------|
| <b>5</b> | <b>Factors contributing to cervical cancer</b> <i>(last update 08 Aug 2013)</i>             | <b>63</b> |
| <b>6</b> | <b>Sexual and reproductive health behaviour indicators</b> <i>(last update 08 Aug 2013)</i> | <b>64</b> |
| <b>7</b> | <b>HPV preventive strategies</b>  | <b>66</b> |
| 7.1      | Cervical cancer screening practices <i>(last update 26 Nov 2013)</i> . . . . .              | 66        |
| 7.2      | HPV vaccination <i>(last update 26 Nov 2013)</i> . . . . .                                  | 70        |
| <b>8</b> | <b>Protective factors for cervical cancer</b> <i>(last update 30 Sep 2013)</i>              | <b>71</b> |
| <b>9</b> | <b>Indicators related to immunization practices other than HPV vaccines</b>                 | <b>72</b> |
| 9.1      | Immunization schedule . . . . .   | 72        |
| 9.2      | Immunization coverage estimates . . . . .   | 72        |