

# HPV Immunisation in the control of cervical cancer


**The control of cervical cancer in New Zealand –  
achievements and future prospects**

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Ministry of Health**

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# Overview

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- New Zealand setting
  - New Zealand National Immunisation Programme and how it operates
  - HPV Immunisation Programme in the control of cervical cancer
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# New Zealand setting

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## PHARMAC's role

- The government agency that decides which pharmaceuticals to publicly fund in New Zealand
- Makes choices about spending on vaccines, community and cancer medicines
- Manages the New Zealand Pharmaceutical Schedule

**PHARMAC website:** <http://www.pharmac.govt.nz>

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# New Zealand setting

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## Ministry of Health

- Leads and manages the National Immunisation Programme
- Oversees vaccine preventable and notifiable diseases surveillance
- Monitors and manages AEFI
- Supports DHBs in responding to local outbreaks and leads a co-ordinated response for national outbreaks
- Sets the overall eligibility direction for publicly funded health and disability services in New Zealand

**Ministry of Health website: <http://www.health.govt.nz/>**

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# NIP - operates under the Global Vaccine Action Plan

| Objective                             | Description  |
|---------------------------------------|--|
| Ownership                             | All providers and the wider health sector recognise the importance of the Programme and work collectively to achieve agreed targets.   |
| Shared responsibility and partnership | The Ministry, <b>National Screening Unit</b> and DHBs, as partners and customers, respect the role of primary health care providers and the community itself in increasing coverage, and actively look for opportunities to improve the Programme. |
| Equity                                | <b>The Programme deliverables are fair and just; in particular for vulnerable populations such as Māori, Pacific peoples and low-income groups.</b>  |
| Integration                           | The Programme is integrated with other programmes on the Schedule in order to achieve better outcomes for young women and improve the efficiency of School based delivery.   |
| Sustainability                        | The Programme continues to receive funding and remains a government priority.  |
| Innovation                            | The Programme undergoes continuous improvement, with an aim to increase coverage rates and quality.  |

## Equity focus - Triple Aim Approach

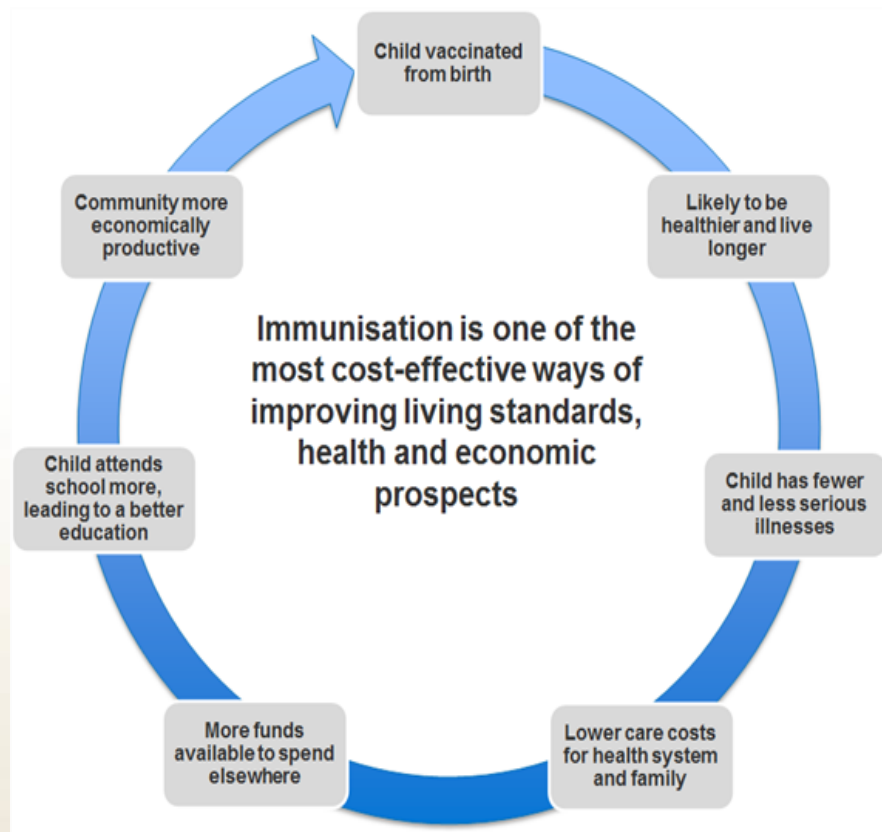
The HPV Immunisation Programme uses the Triple Aim model as a guide.

The Triple Aim includes ‘Experience of Care’, ‘Population Health’ and ‘Cost Effectiveness’ to make a difference and address inequity by planning for: equity, ensuring timely and accurate reporting of progress, monitoring our outcomes and adjusting our interventions.



# National Immunisation Register

- Among the most cost-effective of health investments
- NIR central to strategy for achieving long term health gains
- NIR master source of immunisation information
- The NIR's scope has been broadened twice to include recording HPV and adult immunisations
- In 2015, the NIR recorded approximately 500,000 adults receiving the influenza vaccine

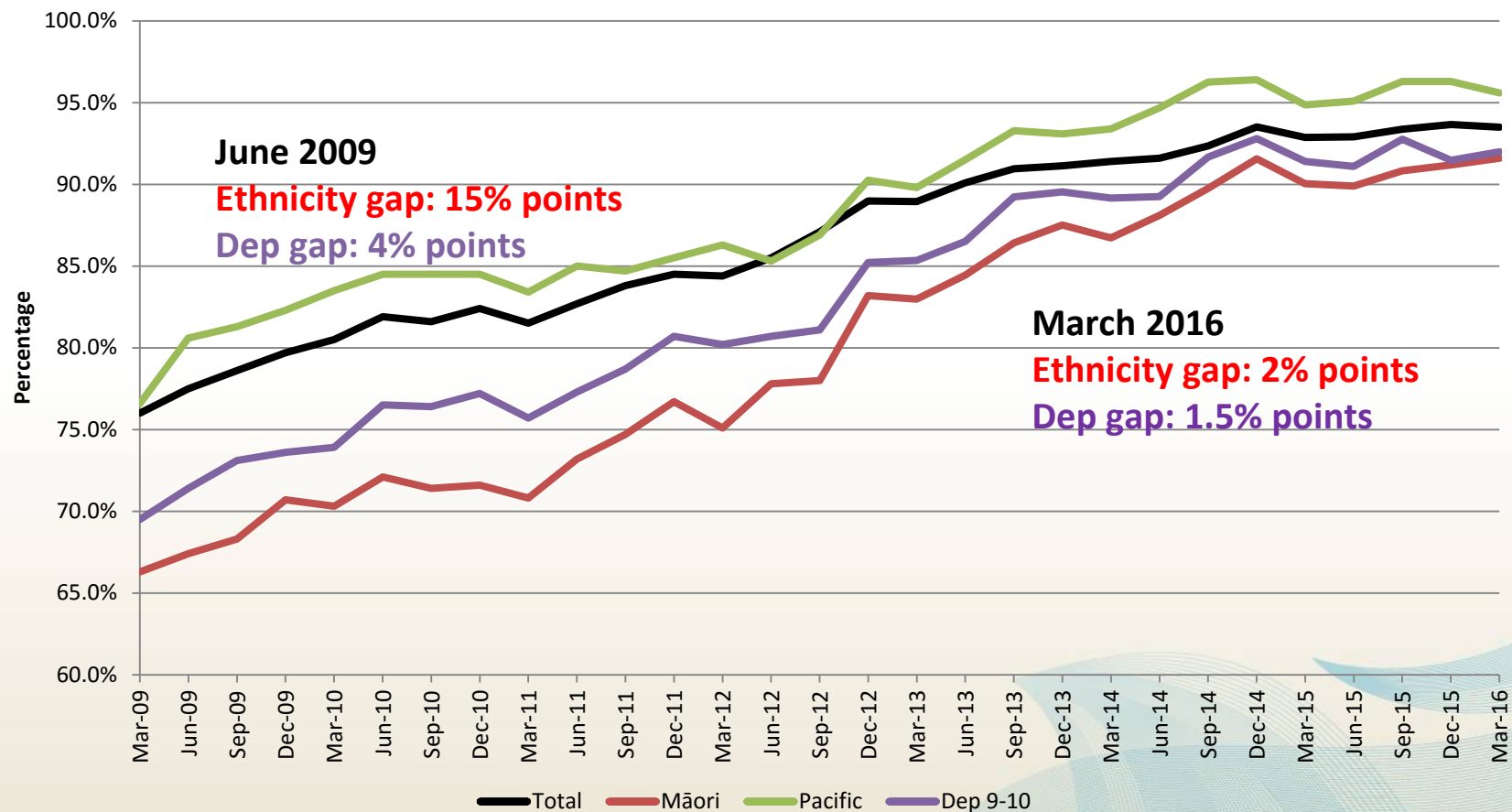


# National Immunisation Schedule - across the lifespan

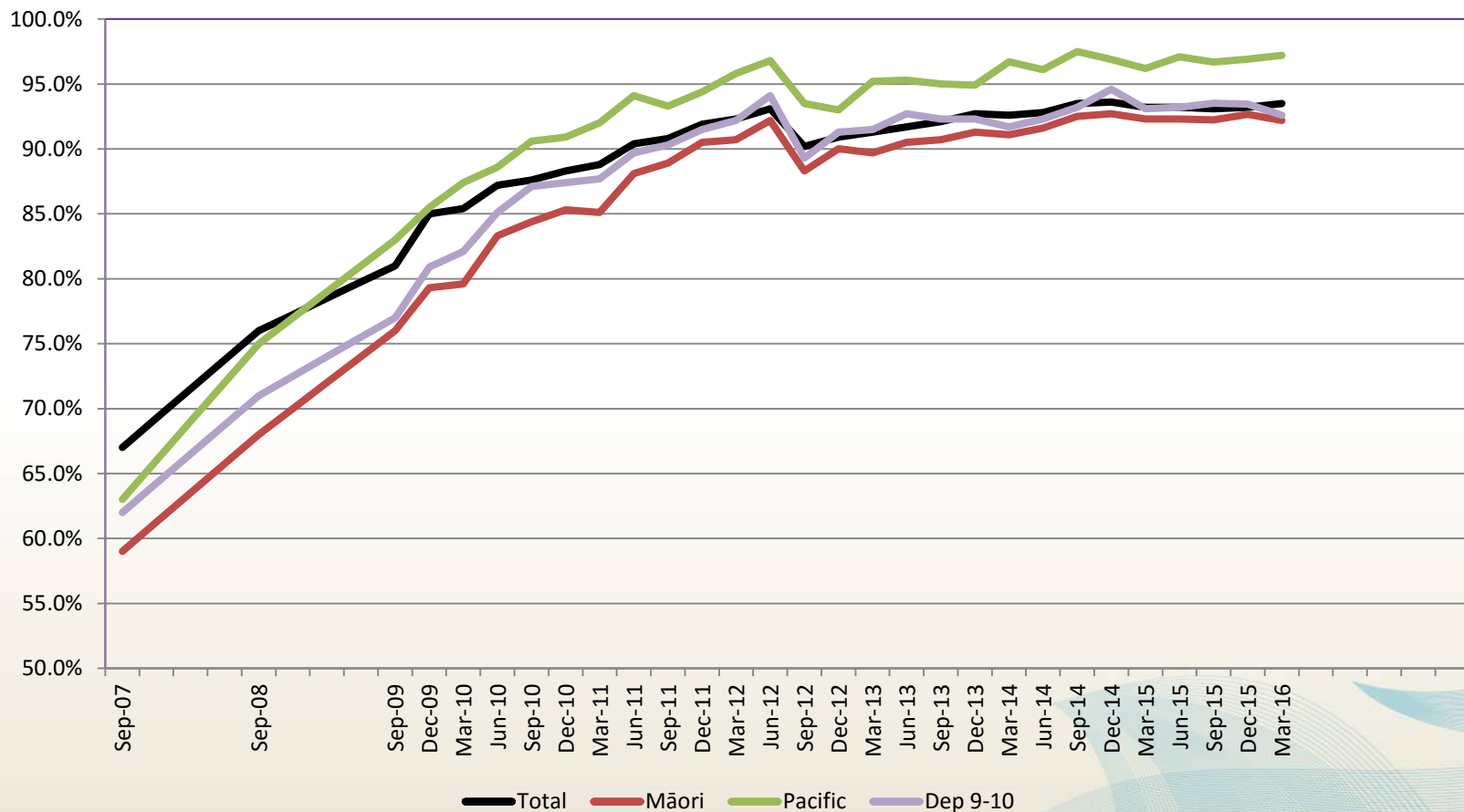




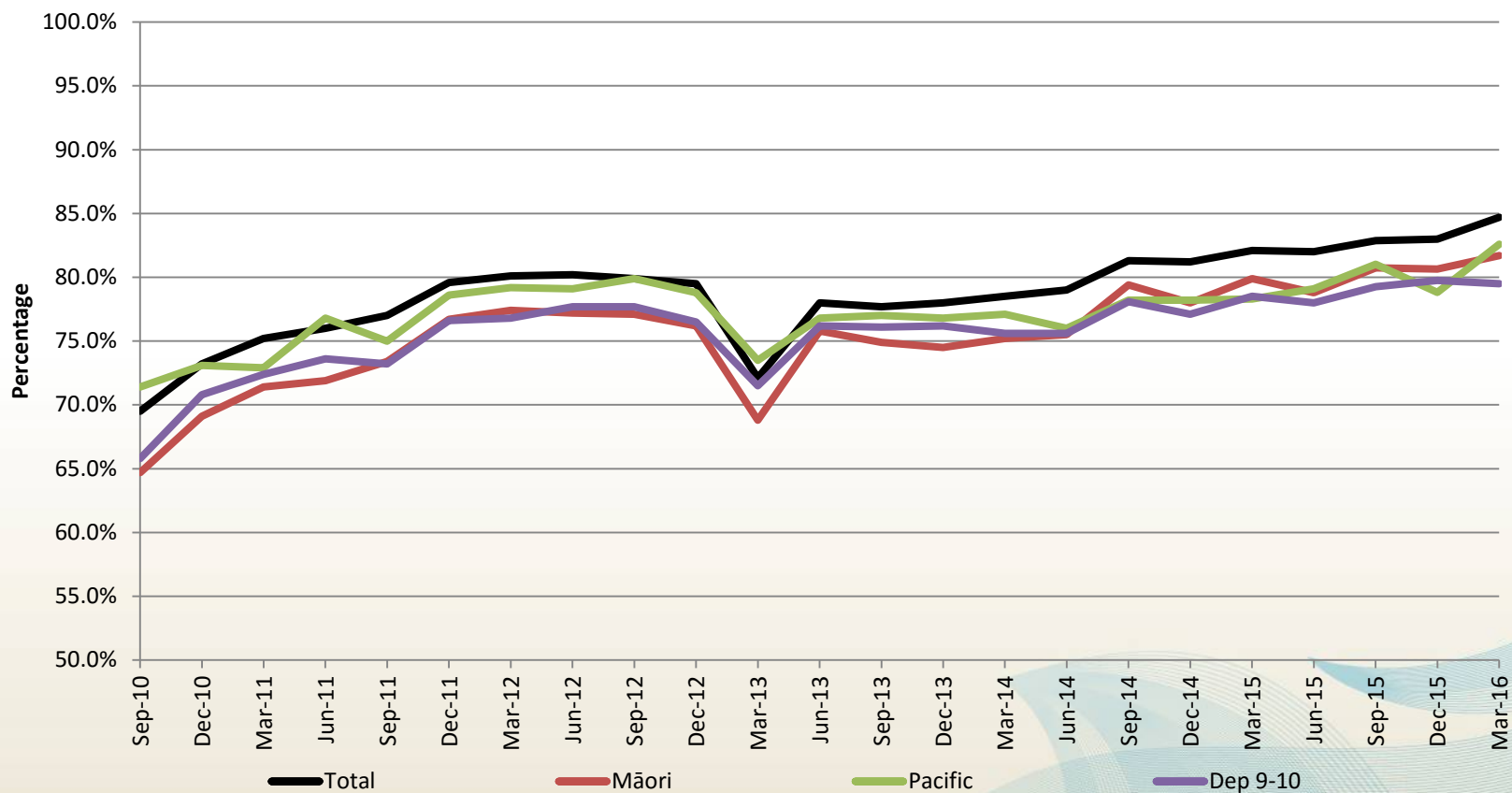
# Immunisation Health Target – age 8 months (2009- 2016)



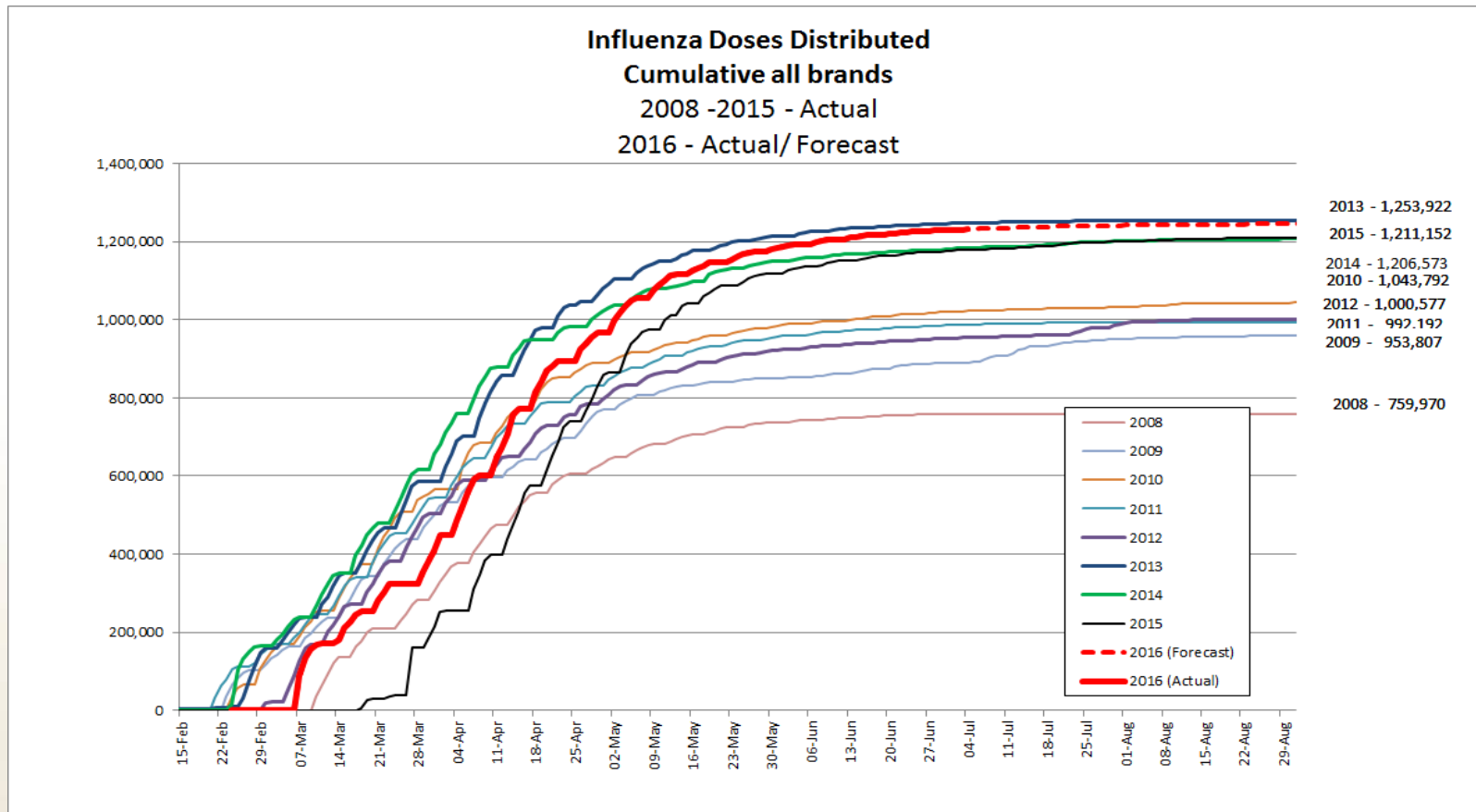
# Immunisation coverage – age 24 months (2007-2016)



# Immunisation coverage - age 5 years (2010 – 2015)



# Influenza vaccine distribution – 1.2M doses distributed



Source: PHARMAC



## Guidance for the sector

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- Focus on maternal immunisation for 2016 Immunisation Week
- New resources to support midwives' conversations with pregnant women
- Recording pregnant women on the NIR for influenza and Tdap



# join the fight against cervical cancer.

tātou ka whawhai



join  
the  
fight

It takes just three injections over six months to protect you against the most common causes of cervical cancer. The new cervical cancer vaccine is now available FREE to young women born in 1990 and 1991. If that's you, get together with your friends and join the fight.


**CERVICAL CANCER VACCINE. FREE FROM YOUR DOCTOR OR HEALTH CLINIC.**



[www.cervicalcancervaccine.govt.nz](http://www.cervicalcancervaccine.govt.nz)  
or phone 0800 IMMUNE (0800 466 863)

## **Cervical Cancer – New Zealand context**

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- Māori and Pacific women have a higher incidence of HPV-related cancers
  - Māori and Pacific women and women living in high deprivation areas are most at risk of cervical cancer
  - Approximately 160 women are diagnosed with cervical cancer each year and 60 women die from it (NZHIS 2007)
  - Māori women are almost twice as likely to get cervical cancer, and almost three times as likely to die of it (Cormack, Purdie et al 2007)
  - The National Cervical Screening Programme has led to a large reduction in the incidence and mortality from cervical cancer – the screening programme has been more effective for non-Māori than Māori
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# **New Zealand HPV Immunisation Programme**

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## **The Programme:**

- has the potential in the long term to prevent cervical cancer for approximately 2 women per week
  - was introduced in 2008
    - ongoing immunisation programme for girls in school year 8 (12 years)
    - as a catch-up programme in general practice for girls born on or after 1 January 1990
  - goal was to achieve equitable coverage
  - prioritised Māori and Pacific coverage
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It takes Three

# HPV Vaccine for cervical cancer

INFORMATION FOR GIRLS, AND THEIR FAMILIES



Ko te kano HPV ārai matepukupul o te waha whare tangata

HE PĀRONGO MĀ NGĀ KŌTIRO, NGĀ TAMĀHINE ME Ō RĀTOU WHĀNAU



Māori

It takes Three

# 宮頸癌疫苗

女孩、年輕女性及其家人

गर्भाशय ग्रीवा (सरवाइकल) के कैंसर का टीका

बड़कियों, युवतियों और उनके परिवारों के लिए जानकारी



www.health.govt.nz/hpv



www.health.govt.nz/hpv

Le tuipuihui le HPV, mo le kanesa o le g o le faa'auata

Chinese (Traditional)

FAAMATALAGA MO ALO TEINE, TAMAITAI TALAVOU MA O LATOU AIGA



www.health.govt.nz/hpv

Samoa

# HPV Immunisation Targets – 12-year-old girls

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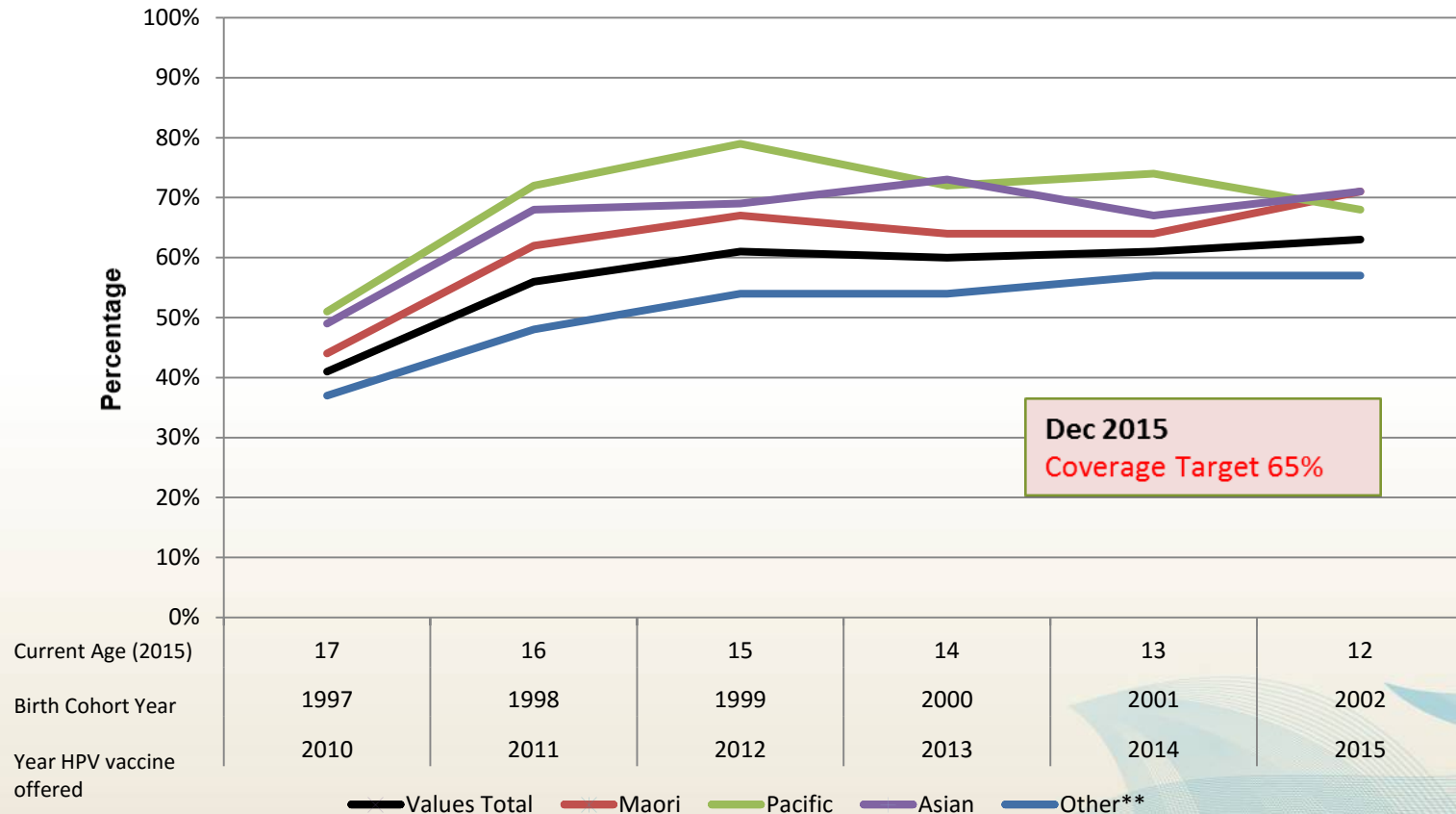
2008 – 2014

- Dose one – 70 percent
- Dose two – 65 percent
- Dose three – 60 percent

Since 1 January 2015 there have been yearly incremental target - to reach 75% by 1 July 2018

- 2015 Dose three – 65 percent
  - 2016 Dose three – 70 percent
  - 2017 Last dose (two dose schedule) – 75 percent
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# HPV immunisation coverage 2010 – 2015



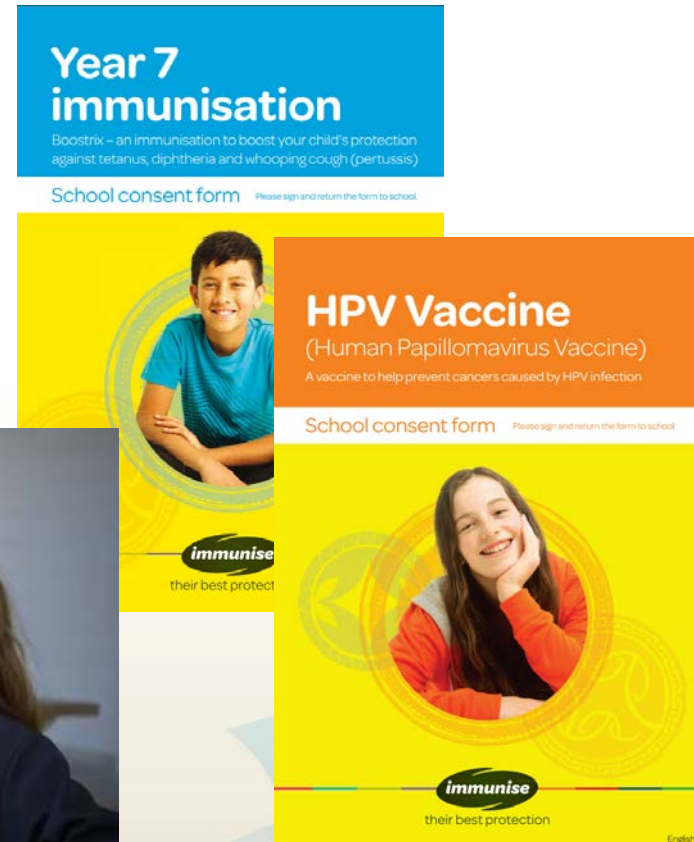
**Note: This report measures the number of eligible girls who received all 3 HPV vaccine doses between 01/01/2010 and 31/12/2015**

Source: National Immunisation Register



# Integrating HPV into the life course of immunisations

- HPV immunisation is one of the childhood immunisations
- Gender neutral language and branding, in anticipation of future changes





# Integrating school based programmes with general practice

- All DHBs offer HPV as a school based programme, as well as in general practice
- Improved connection between school based programmes and GPs – GPs now recall incompletely immunised individuals at age 14
- Reminder Poster developed for GP practices



**Has your teen missed any immunisations?**

Most immunisations are FREE for under 18s

Immunisation helps protect your child against serious diseases like measles, whooping cough and HPV-related cancers\*.

You can catch up on immunisations here.  
Talk to us today.

**immunise**  
their best protection

\*Human papillomavirus (HPV) vaccination funded for girls only.  
This resource is available from the website of the Authorised Provider at your DHB. Oct 2015, 168981


# Working with the National Screening Programme

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2015 Parliamentary Review Committee recommendation for immunisations

“Any future planning for the NSU register must include options for linking the NIR HPV data with woman’s cervical screening history on the NCSP-R, so that a woman’s vaccination status forms part of her cervical screening history”


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## **Proposed changes ahead**

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From 1 January 2017, three significant changes to New Zealand's HPV School Immunisation Programme:

- **Changing from Gardasil 4 to Gardasil 9**
  - **Free HPV immunisation extended to boys**
  - **Vaccine available for those up to 26 years of age**
  - **A two dose schedule for 9-14 year olds**
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# THANK YOU

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Video on HPV (file size too big) – Please contact [info@womens-health.org.nz](mailto:info@womens-health.org.nz) if you would like a copy.

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