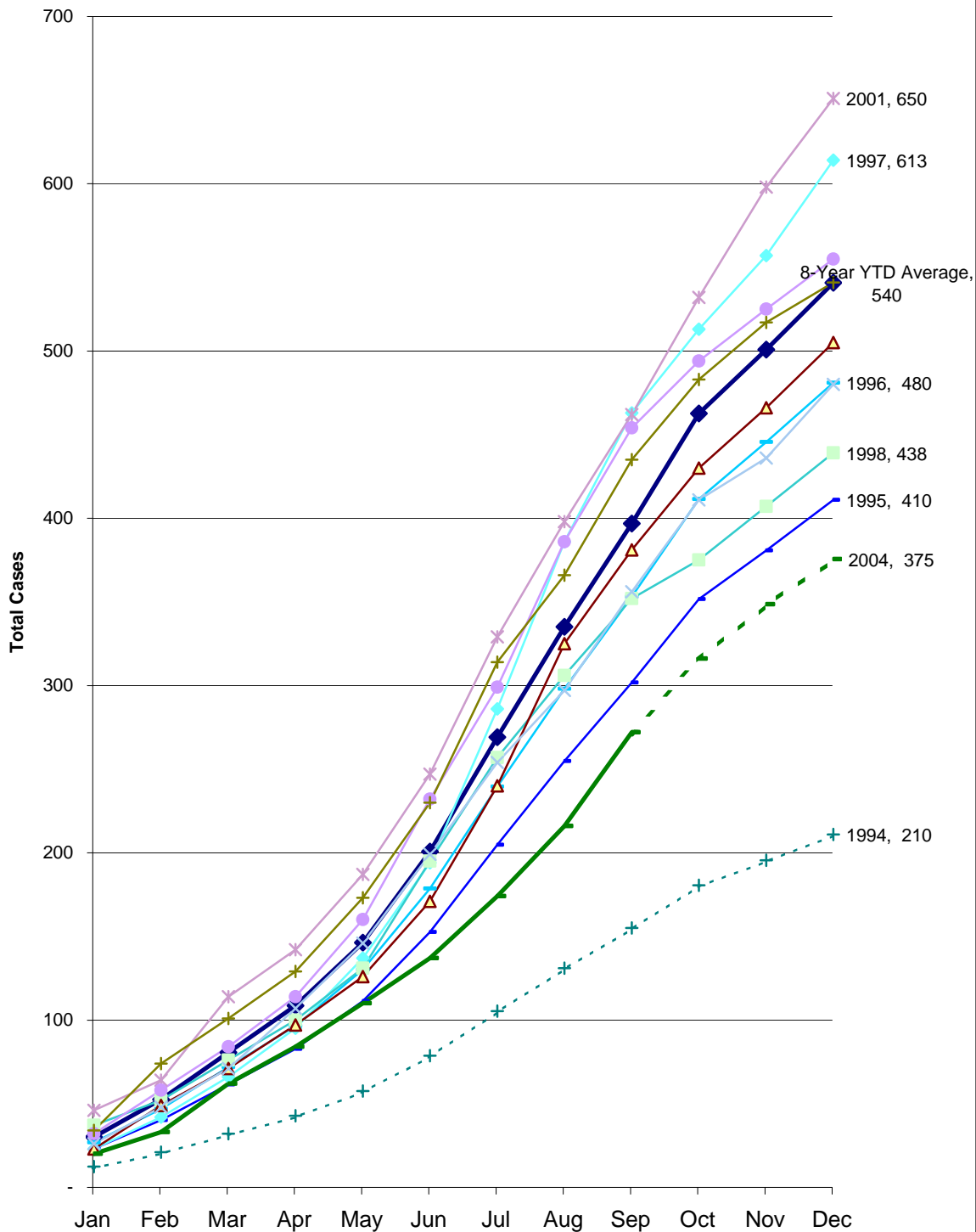


## Total Meningococcal Disease Cases in New Zealand 1994-2004

### 2004 at 10-Year Low

(2004 Total estimated using 8 Year Total Average/8YTD Ave@Sept X 2004 YTD@Sept)

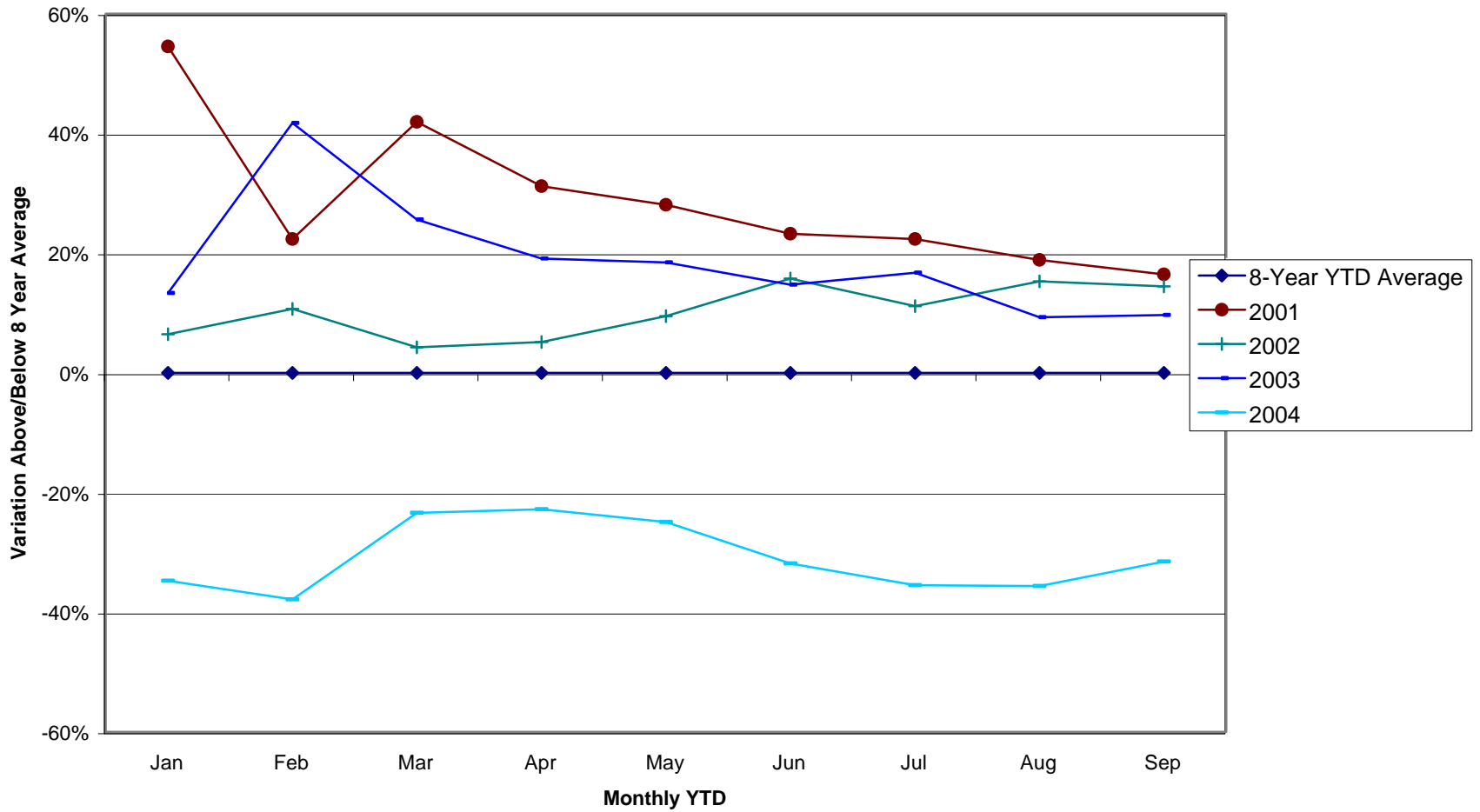


Juderon Associates © 2004  
Source: Ministry of Health/ESR websites



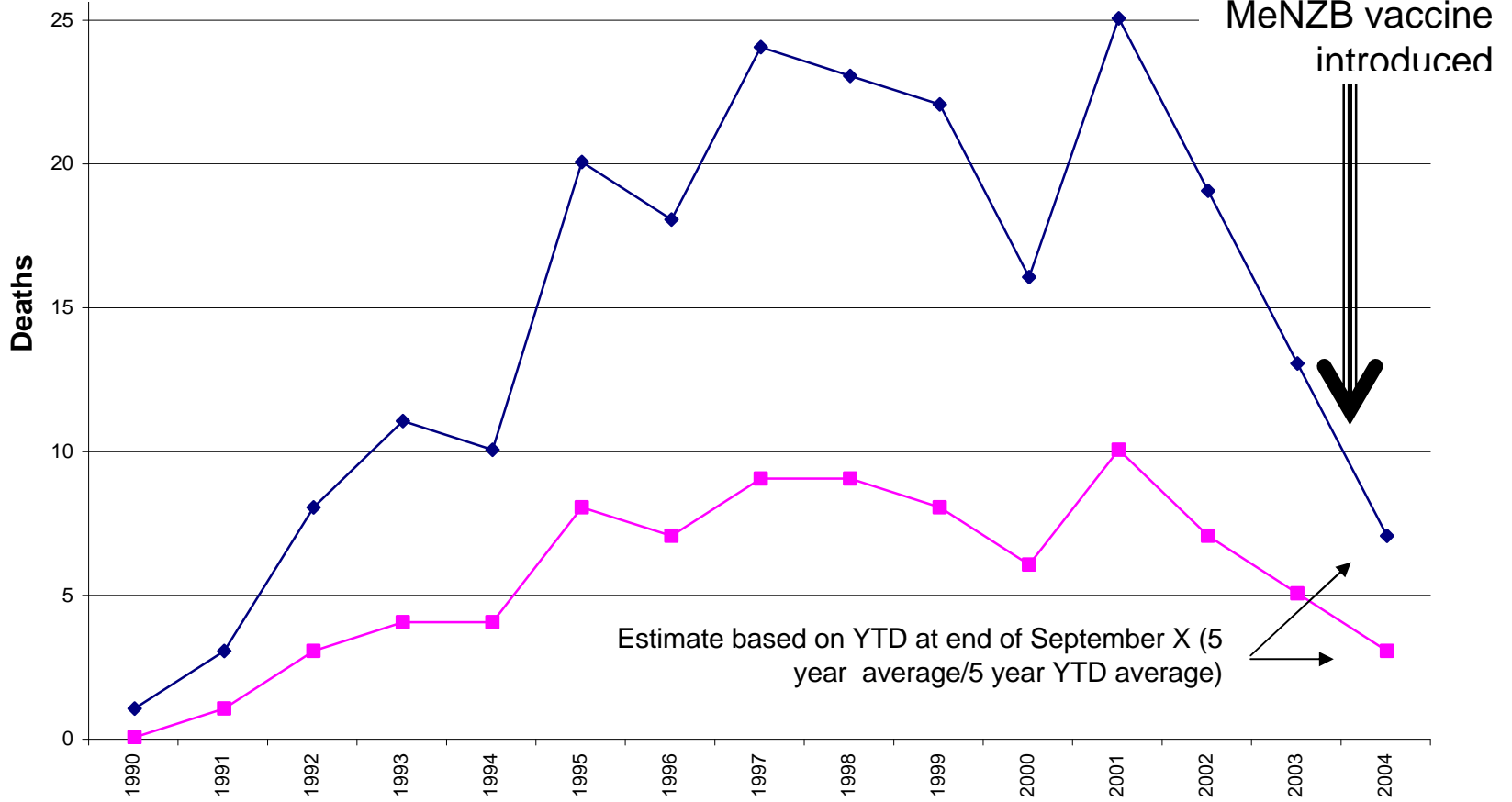
Source: Ministry of Health & ESR Websites and databases  
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### Year to Date Variations Compared to 8 Year YTD Averages



# Meningococcal Deaths at 13 Year Low

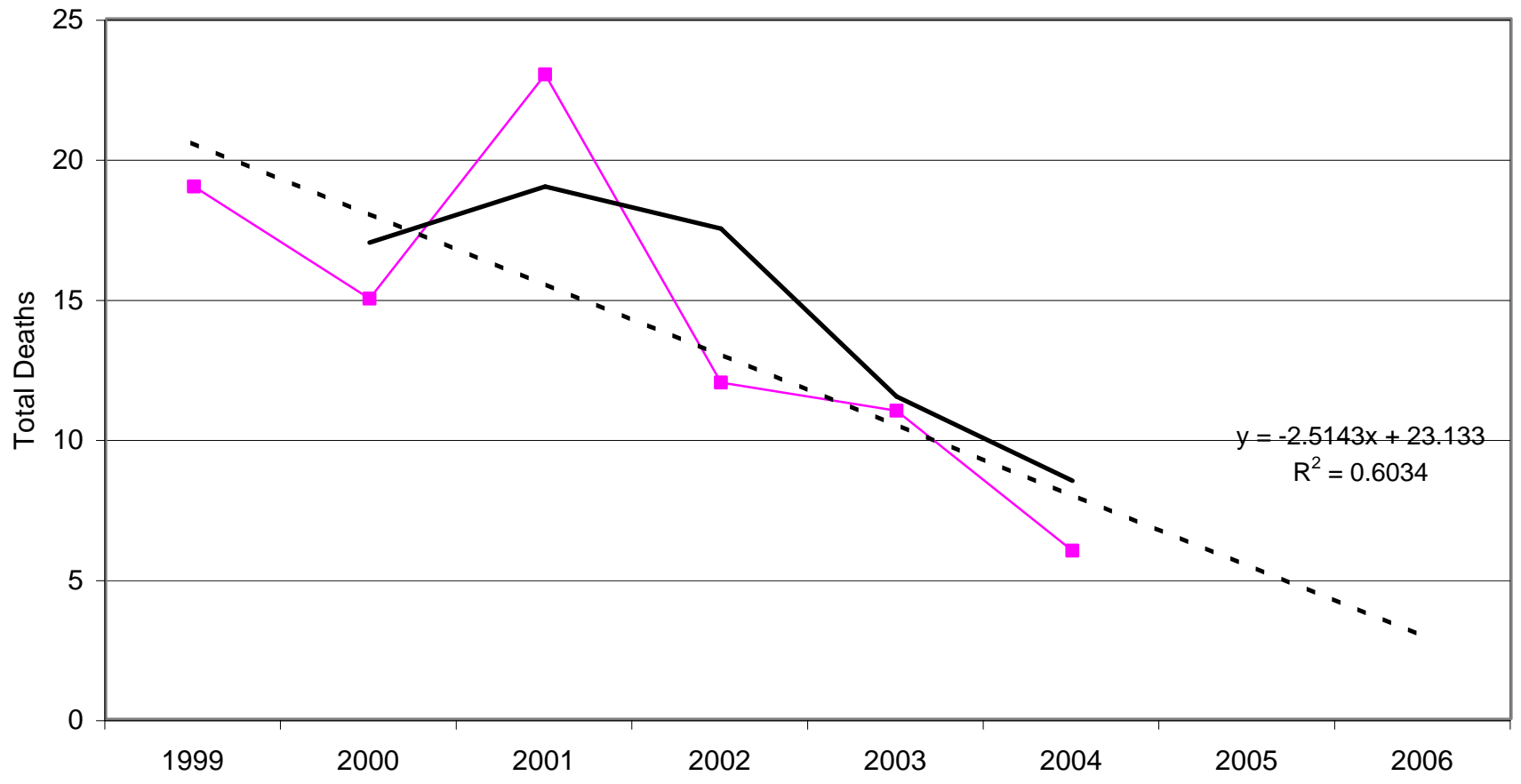
Deaths due to the MeNZB strain have been calculated using proportion of Cases Confirmed and Case Fatality Rates;  
There were 5 deaths due to the MeNZB Strain in 2003 (38% of total)



Juderon Associates © 2004  
Source: Ministry of Health/ESR websites

◆ Total Deaths - All Types    ■ Deaths Caused by Strain Targetted by MeNZB Vaccine (Calculated from ESR Reports)

Week 42 YTD Meningococcal Total Deaths  
1999-2004  
2005-2006 Projected



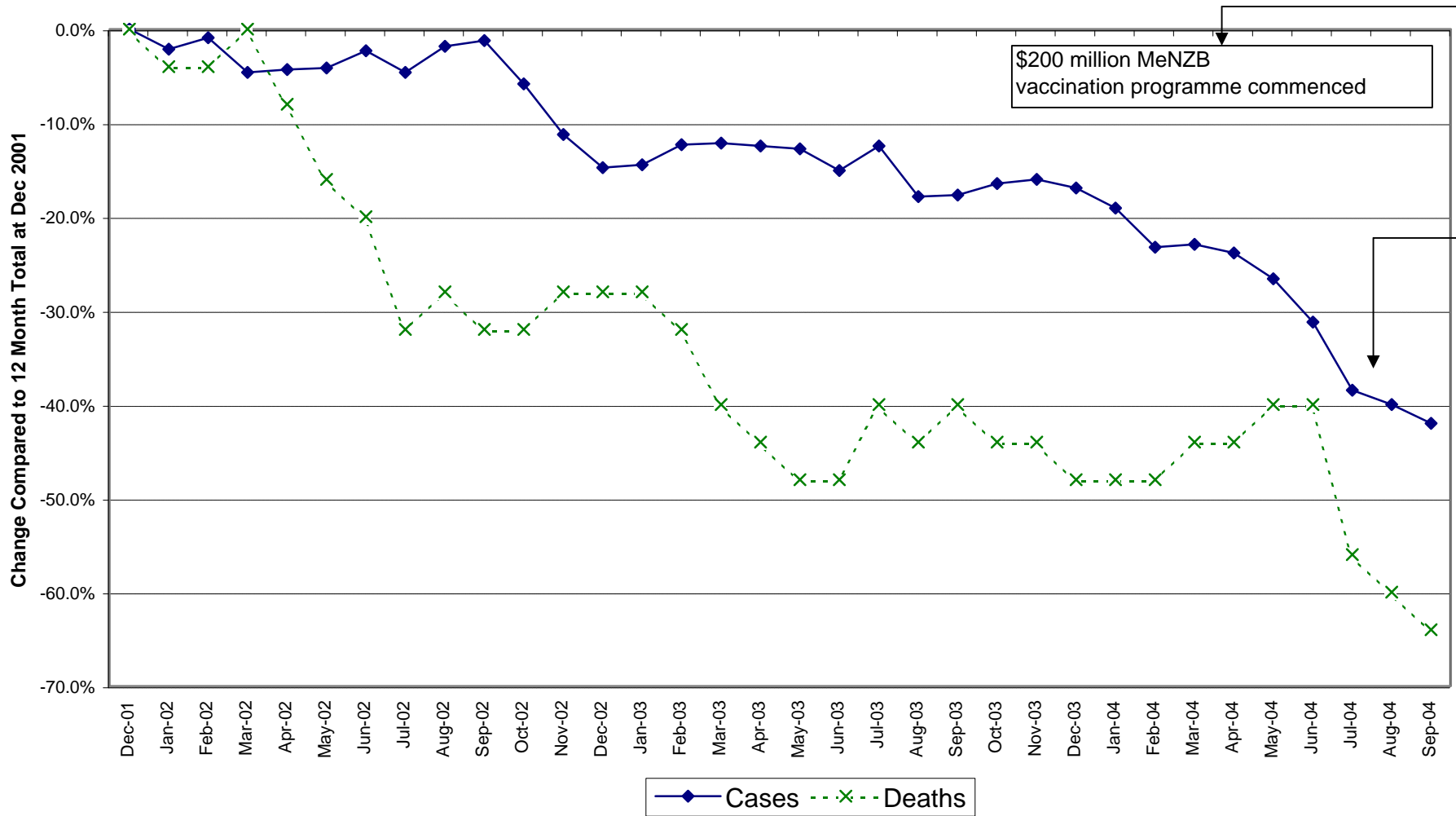
Juderon Associates © 2004  
Source: Ministry of Health Website

—■— Deaths    - - - Trend (YTD Deaths)    — 2 per. Mov. Avg. (Deaths)

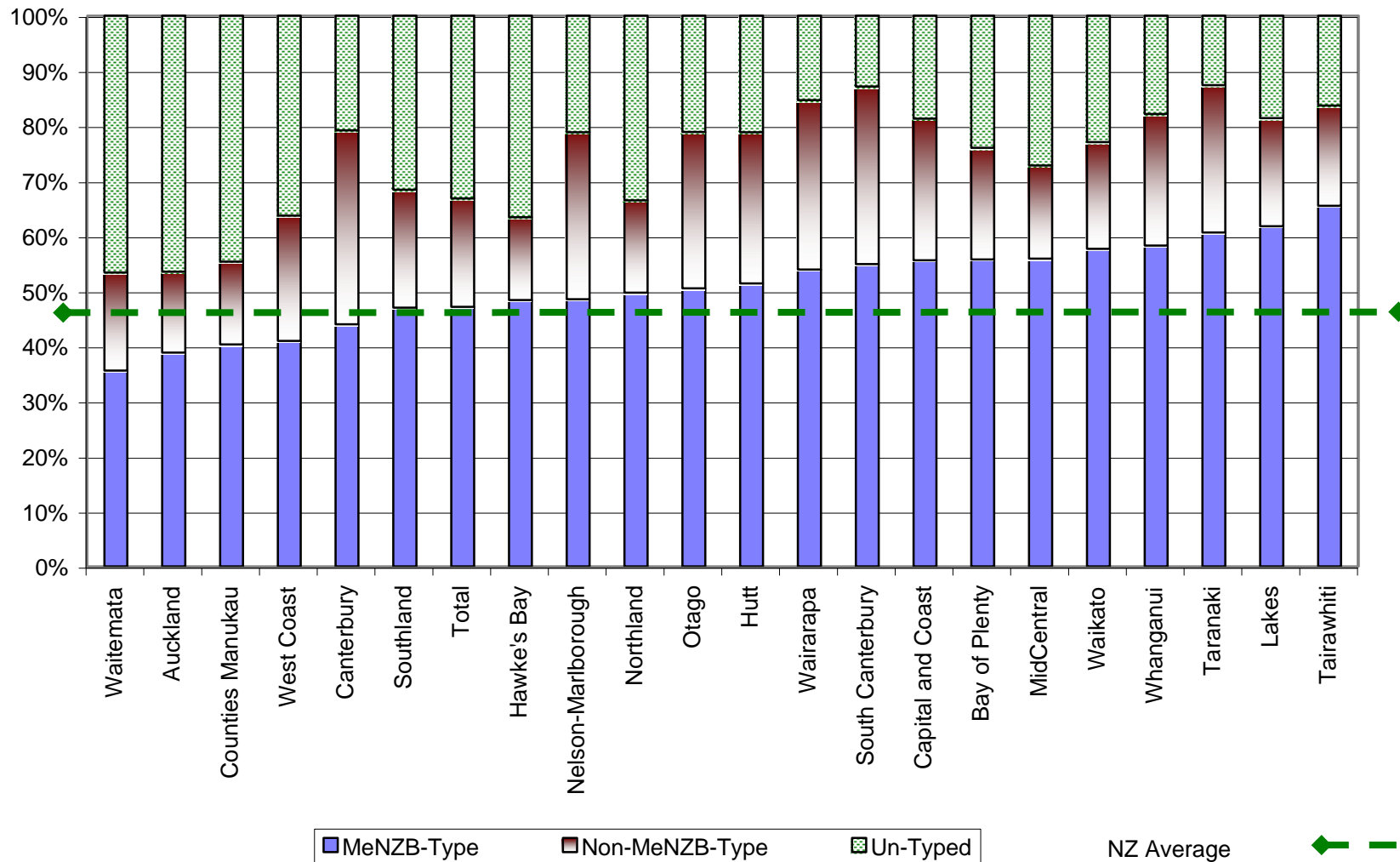
$y = -2.5143x + 23.133$   
 $R^2 = 0.6034$

## Decline in Meningococcal Disease in New Zealand

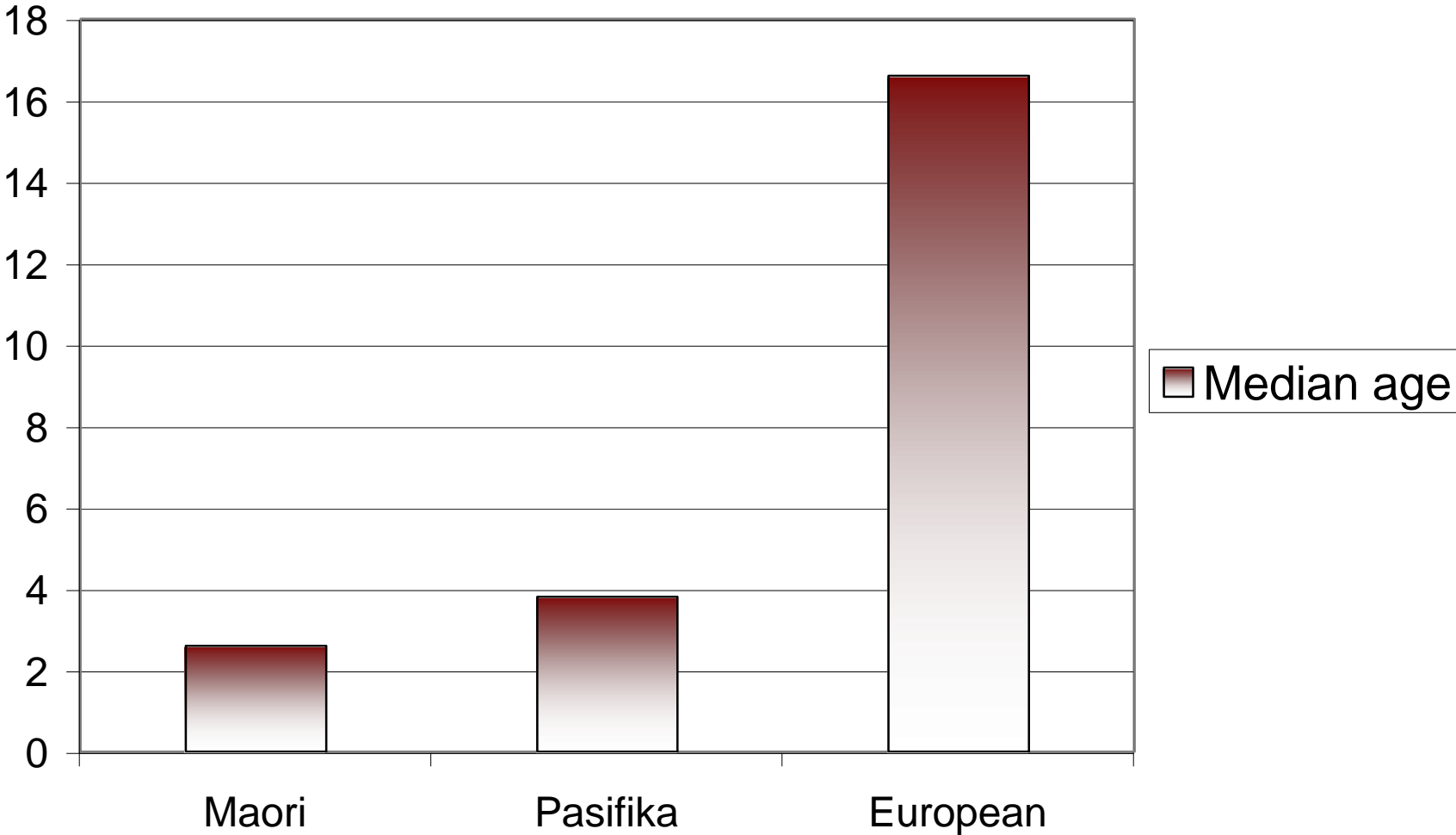
### Rolling 12 Month Totals Compared to 12 Month Peak in Cases Dec 2001 (0%)



## Classification of Meningococcal Disease in New Zealand Typed/Untyped 1997-2004



# Meningococcal Disease Cases 1990-2001 -- Median age



Juderon Associates © 2004  
Source: ESR website