

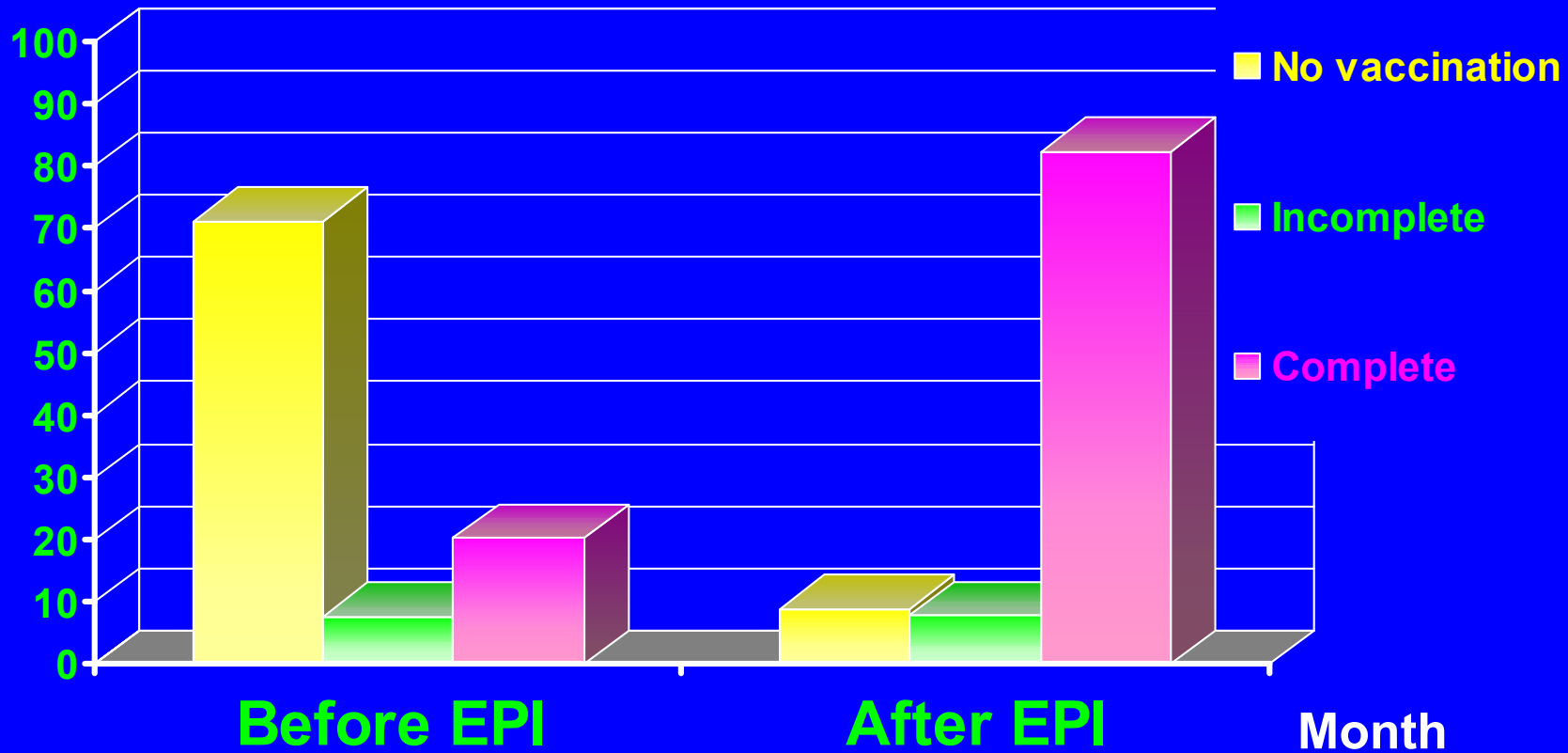
# THAILAND EPI VACCINE

<b>BIRTH</b>	<b>BCG, HB. VAC. 1</b>
<b>2 mo.</b>	<b>DTP, OPV, HB. VAC. 2</b>
<b>4 mo.</b>	<b>DTP, OPV</b>
<b>6 mo.</b>	<b>DTP, OPV, HB. VAC. 3</b>
<b>9-12 mo.</b>	<b>Measles or MMR</b>
<b>18 mo.</b>	<b>DTP, OPV</b>



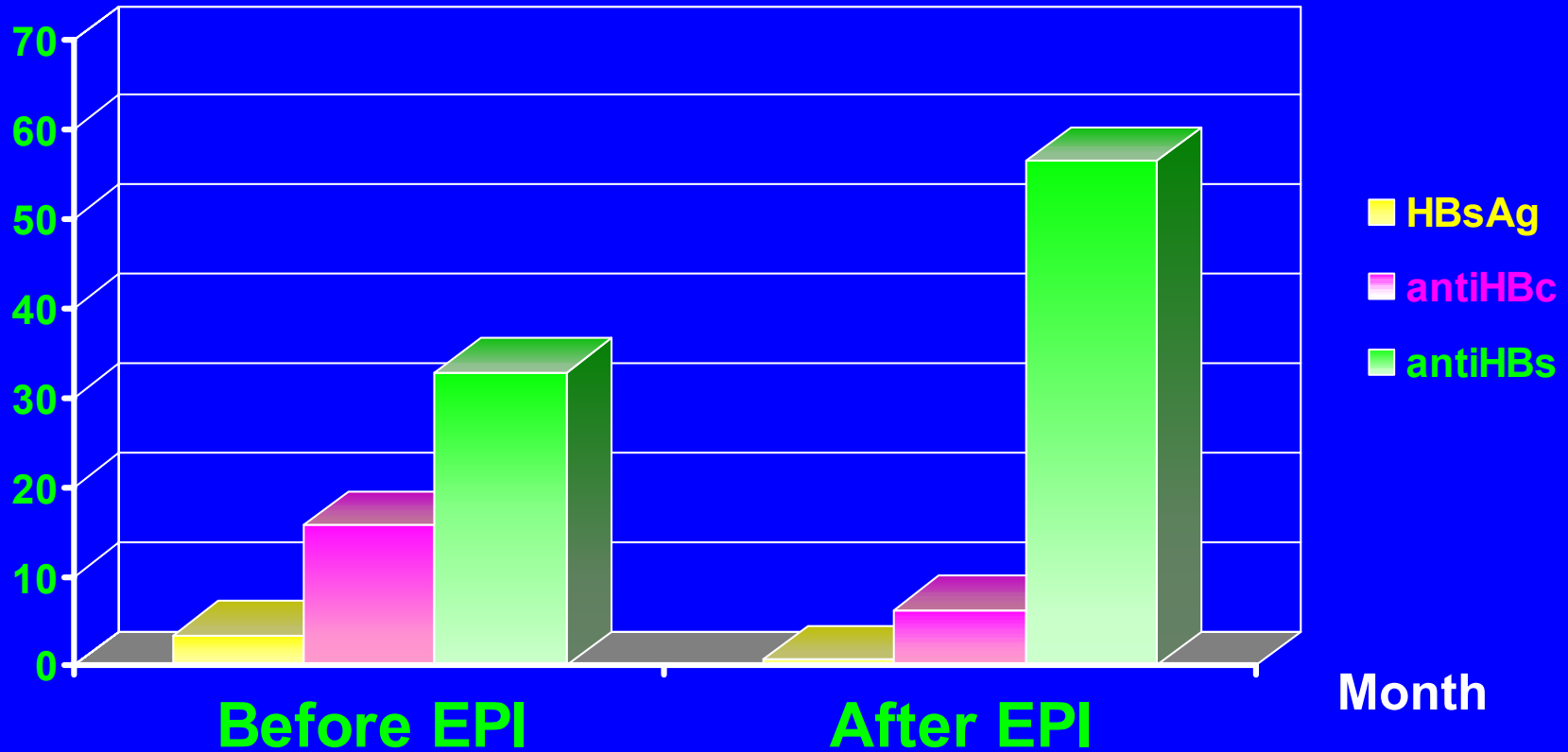
# The HB vaccine coverage as part of Thailand's EPI

Percent



# Hepatitis B virus markers in children under 18 years. 1999

Percent

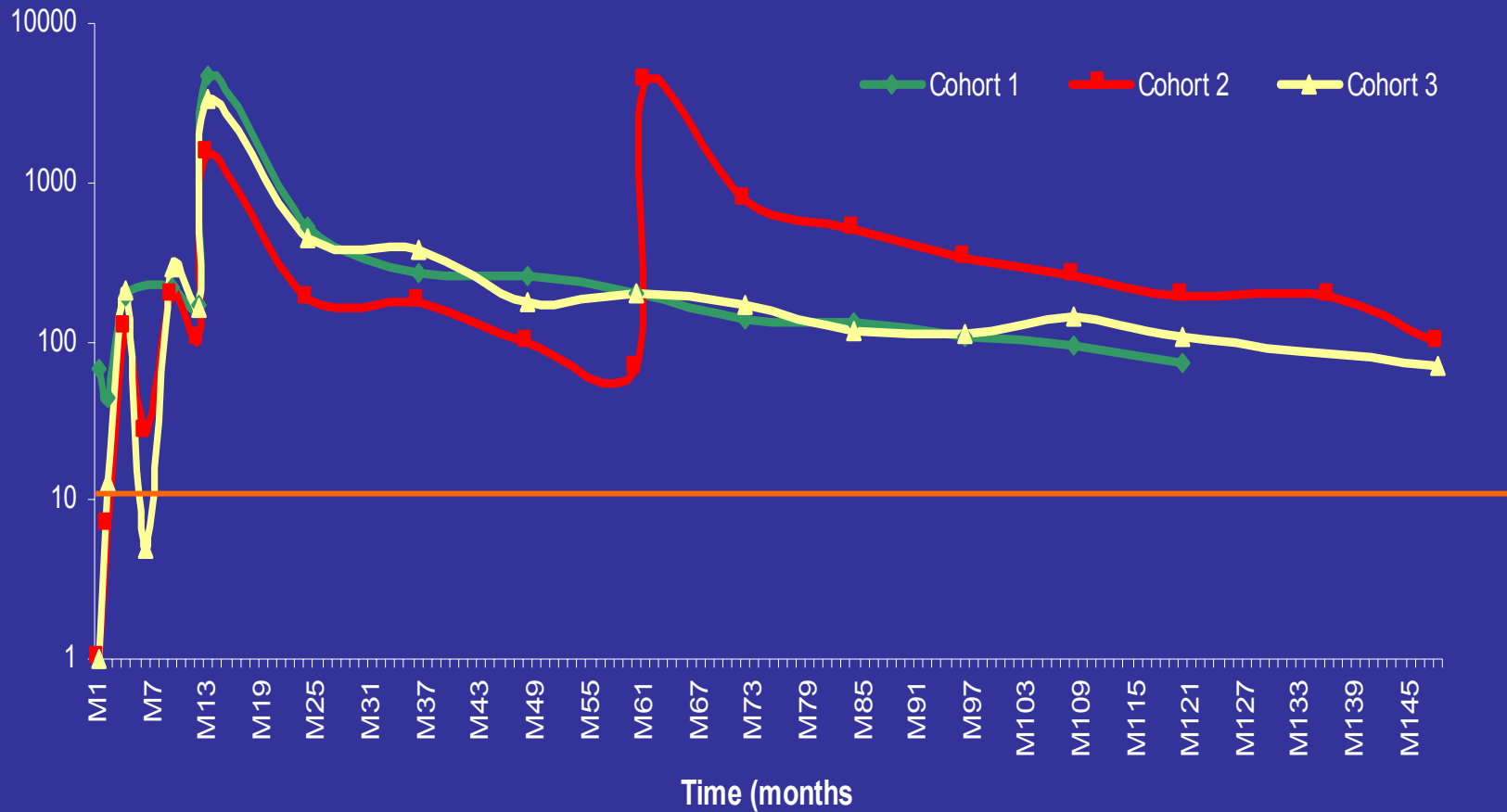


Vaccine 2001

# Impact of universal Hepatitis B immunisation 1999

	Before universal	After universal
<b>Taiwan (1984)</b>		
Age	>15-20 Yr	<15 Yr
Carrier rate	7 %	0.7 %
<b>Thailand (1989-1992)</b>		
Age	≥10-18 Yr	<10 Yr
Carrier rate	3.4 %	0.7 %

# GMT evolution 0, 1, 2, 12 months

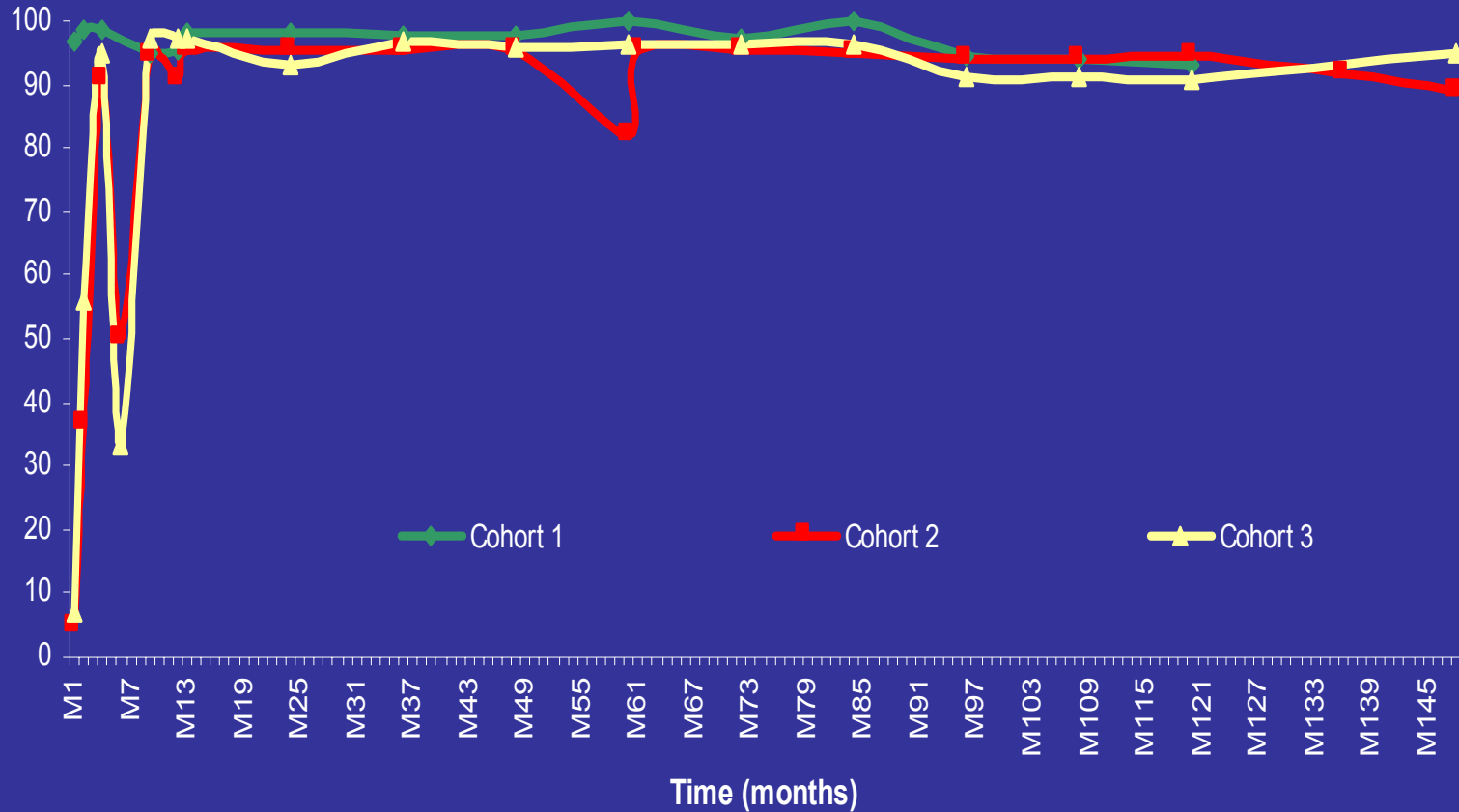


Cohort 1: booster + HBIg

Cohort 2: booster no HBIg

Cohort 3: no booster no HBIg

# Seropositivity rates 0, 1, 2, 12 months



Cohort 1: booster + HBIg

Cohort 2: booster no HBIg

Cohort 3: no booster no HBIg

# High Protective Efficacy in Neonates with or without HBIg

