



# Current Situation of HIV/AIDS in Malaysia

Economic Impact of HIV/AIDS in Asia Pacific  
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# Malaysia Delegates

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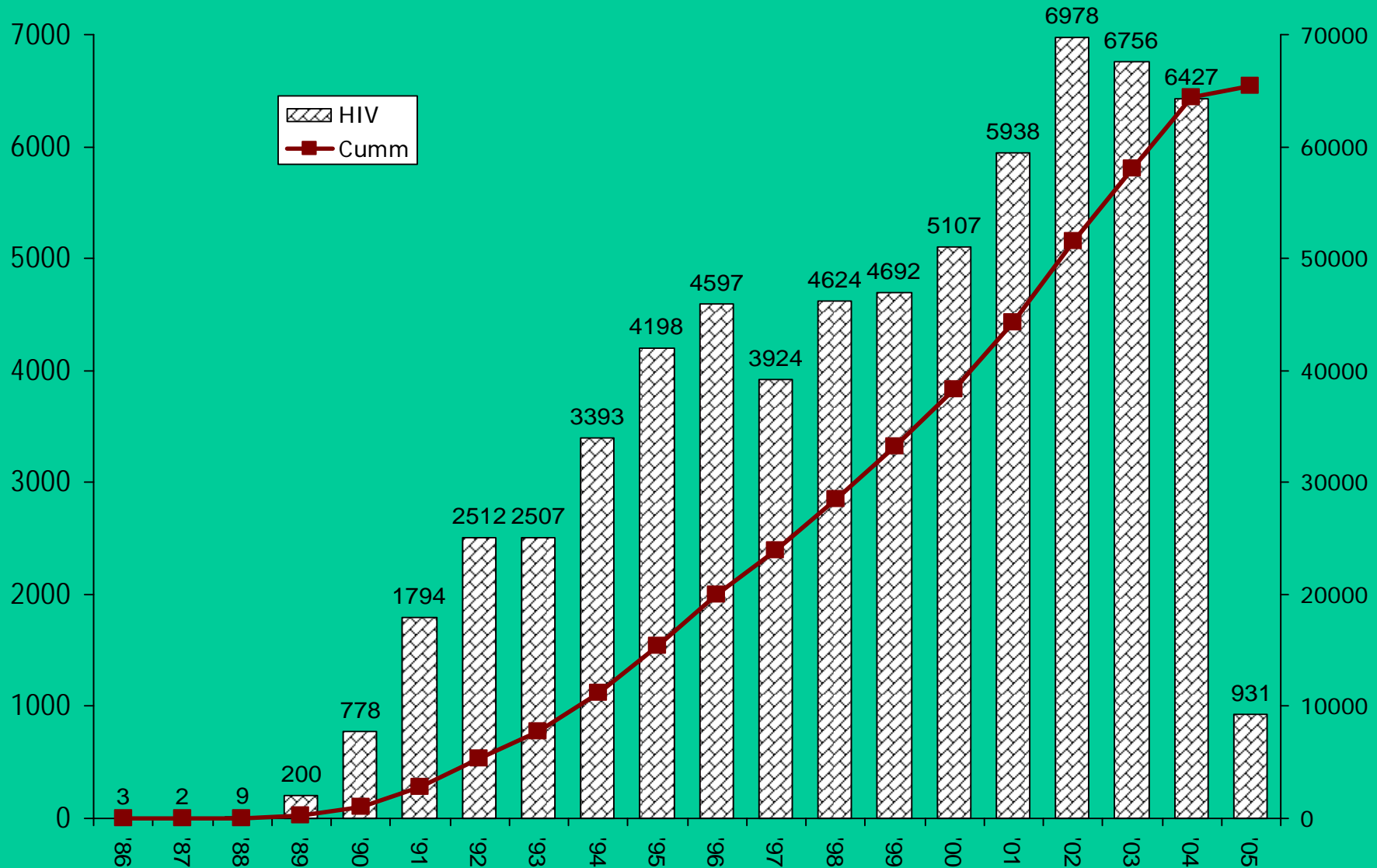
# Summary of Condition

- 1986
  - First reported in Malaysia
- Until March 2005
  - 65,370 HIV/AIDS cases reported
  - 9,705 AIDS cases reported
  - 7,362 AIDS death notified

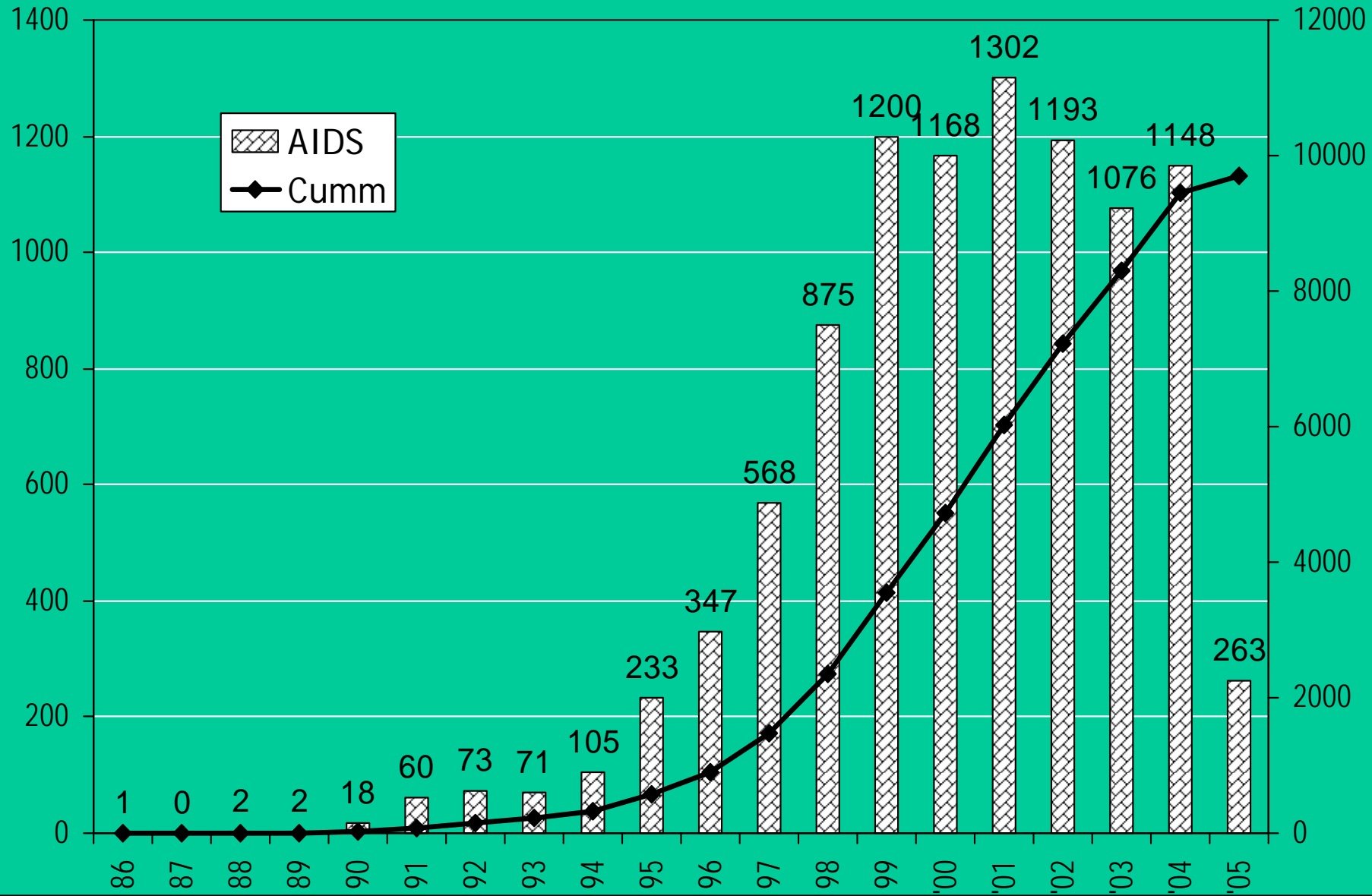
# Notified Cases of HIV and AIDS Continue to Increase since First Reported in Malaysia:

- Smaller in HIV
- Bigger in AIDS

# Reported HIV Infection Malaysia, 1986 – March 2005



# Reported AIDS Cases Malaysia, 1988 – March 2005





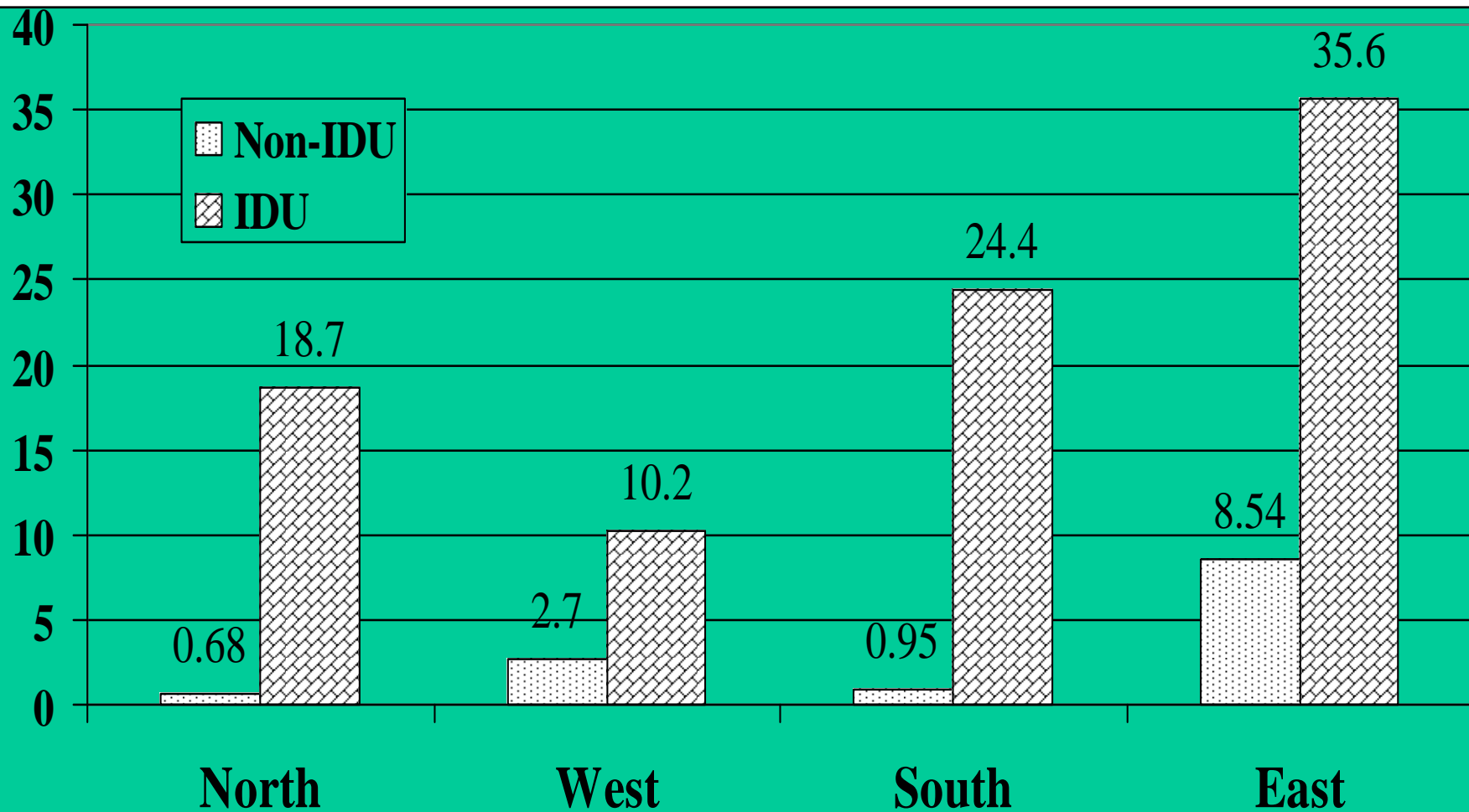
# Injecting Drug Users Still Driving the Epidemic of HIV/AIDS in Malaysia

## Characteristic of Reported HIV Cases by Risk Category in 2002

State	IDUs	Non-IDU	Total	% IDU
1. Perlis	64	61	125	51.2
2. Kedah	255	157	412	61.9
3. Penang	117	138	255	45.9
4. Perak	331	94	425	<b>77.9</b>
5. Selangor	1044	108	1152	<b>90.6</b>
6. WPKL	100	179	279	35.8
7.N Sembilan	446	39	485	<b>92.0</b>
8.Melaka	204	50	254	<b>80.3</b>
9.Johor	861	560	1421	60.6
10.Pahang	595	60	655	<b>90.8</b>
11.Terengganu	645	45	690	<b>93.5</b>
12.Kelantan	509	168	677	<b>75.2</b>
13.Sabah	1	96	97	<b>1.0</b>
14.Sarawak	5	46	51	<b>9.8</b>
<b>MALAYSIA</b>	<b>5,177</b>	<b>1,801</b>	<b>6,978</b>	<b>74.2</b>



# HIV Prevalence among injecting and non-injecting drug users, by region: Malaysia 1998



Region	% inject
North	58%
West	52%
South	68%
East	76%

# Institutional Routine HIV Screening 2001 to 2004 (Drug Rehabilitation Centers)

Events	2001	2002	2003	2004
HIV Screening On Admission	8,740 (79.0%)	12,532 (76.9%)	12,808 (98.8%)	11,790 (94.5%)
Detected Positive	1,436 (16.4%)	2,101 (16.8%)	2,093 (16.3%)	2,164 (18.4%)
<b>TOTAL *</b>	<b>1,518</b> <b>(17.4%)</b>	<b>2,203</b> <b>(17.5%)</b>	<b>2,167</b> <b>(16.9%)</b>	<b>2,247</b> <b>(19.1%)</b>

\* Total : On admission + 6 months + pre-release

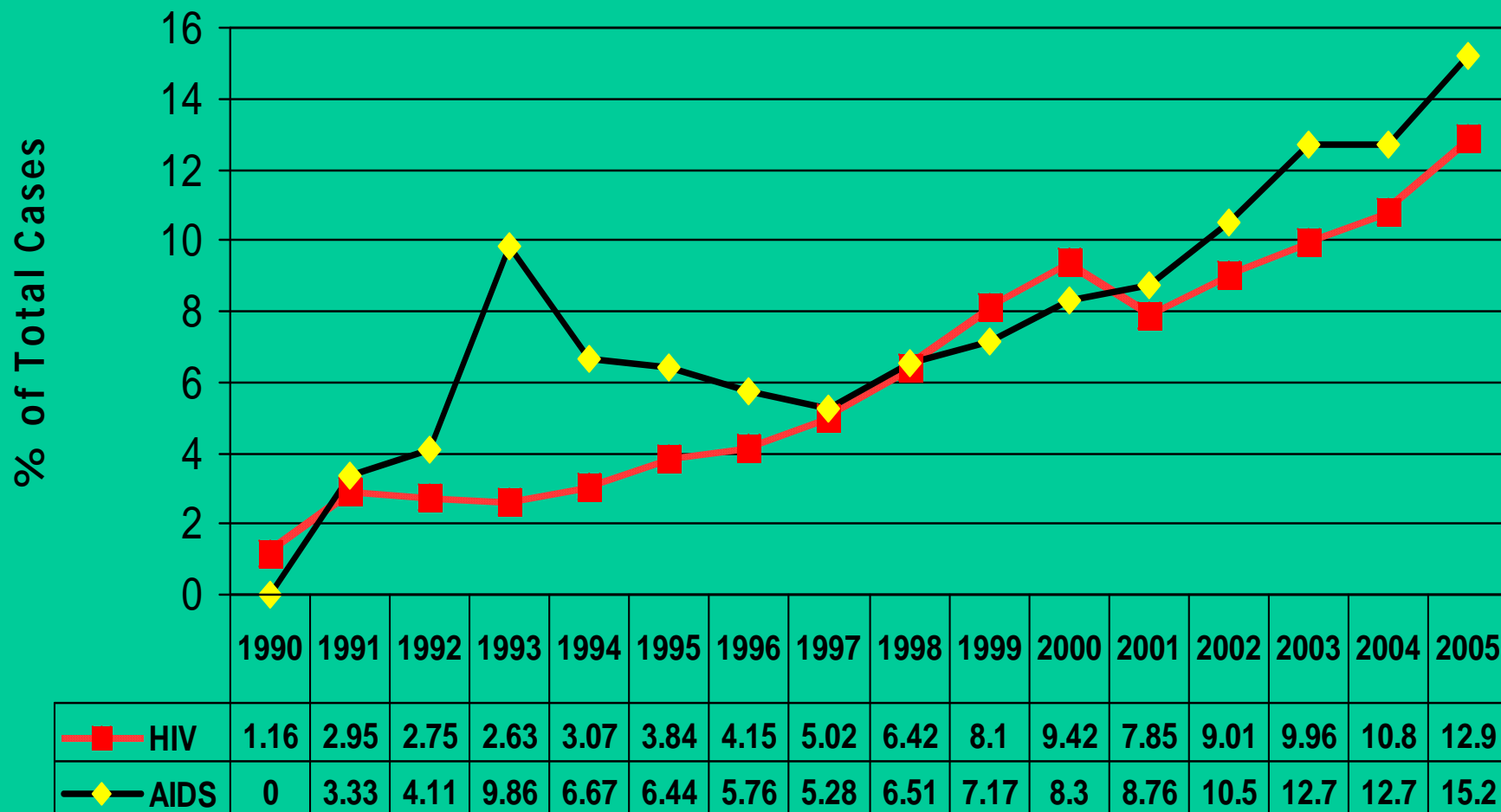
# Institutional Routine HIV Screening 2001 to 2004 (Prisons)

Events	2001	2002	2003	2004
HIV Screening On Admission	27,160 (62.0%)	37,819 (69.1%)	54,996 (67.1%)	52,586 (64.0%)
Detected Positive	3,113 (11.5%)	3,076 (8.1%)	3,759 (6.8%)	2,799 (5.3%)
<b>TOTAL *</b>	<b>3,178</b> <b>(11.7%)</b>	<b>3,173</b> <b>(8.4%)</b>	<b>3,800</b> <b>(6.9%)</b>	<b>2,830</b> <b>(5.4%)</b>

\* Total : On admission + 6 months + pre-release

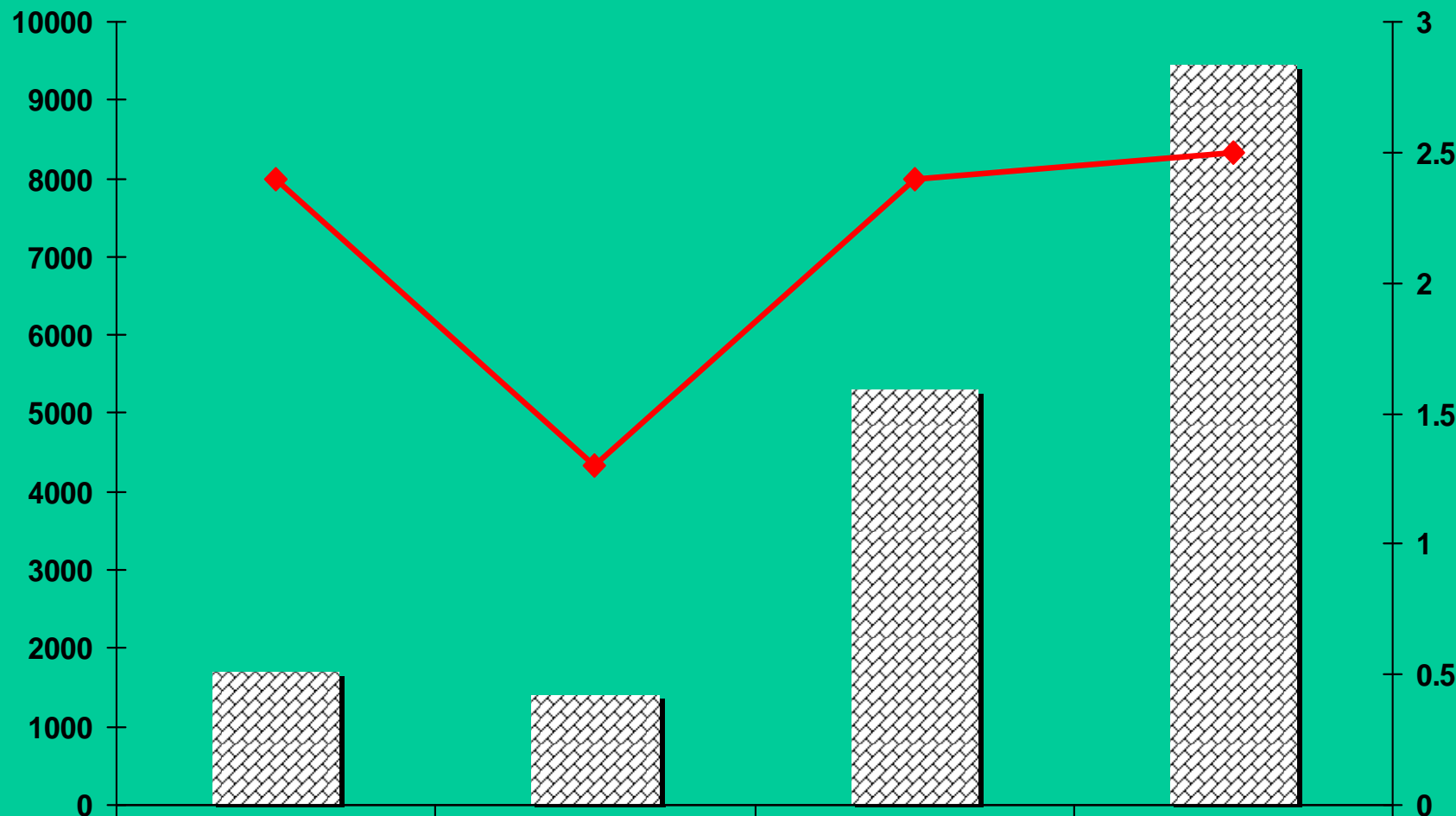
- Males represent majority of notified cases even in Sabah and Sarawak where proportion of cases due to injecting drug users were less than 10%
- BUT proportion of female reported out of total cases were increasing



# Proportion of HIV and AIDS Cases by Female Gender Malaysia, 1990 – March 2005



# Data From Other Activities

# Voluntary Anonymous HIV Screening, 2001 - 2004



 Screened	1706	1404	5314	9448
 % +ve	2.4	1.3	2.4	2.5

# Pre-Marital Screening 2001 – 2004 ( Johore State )

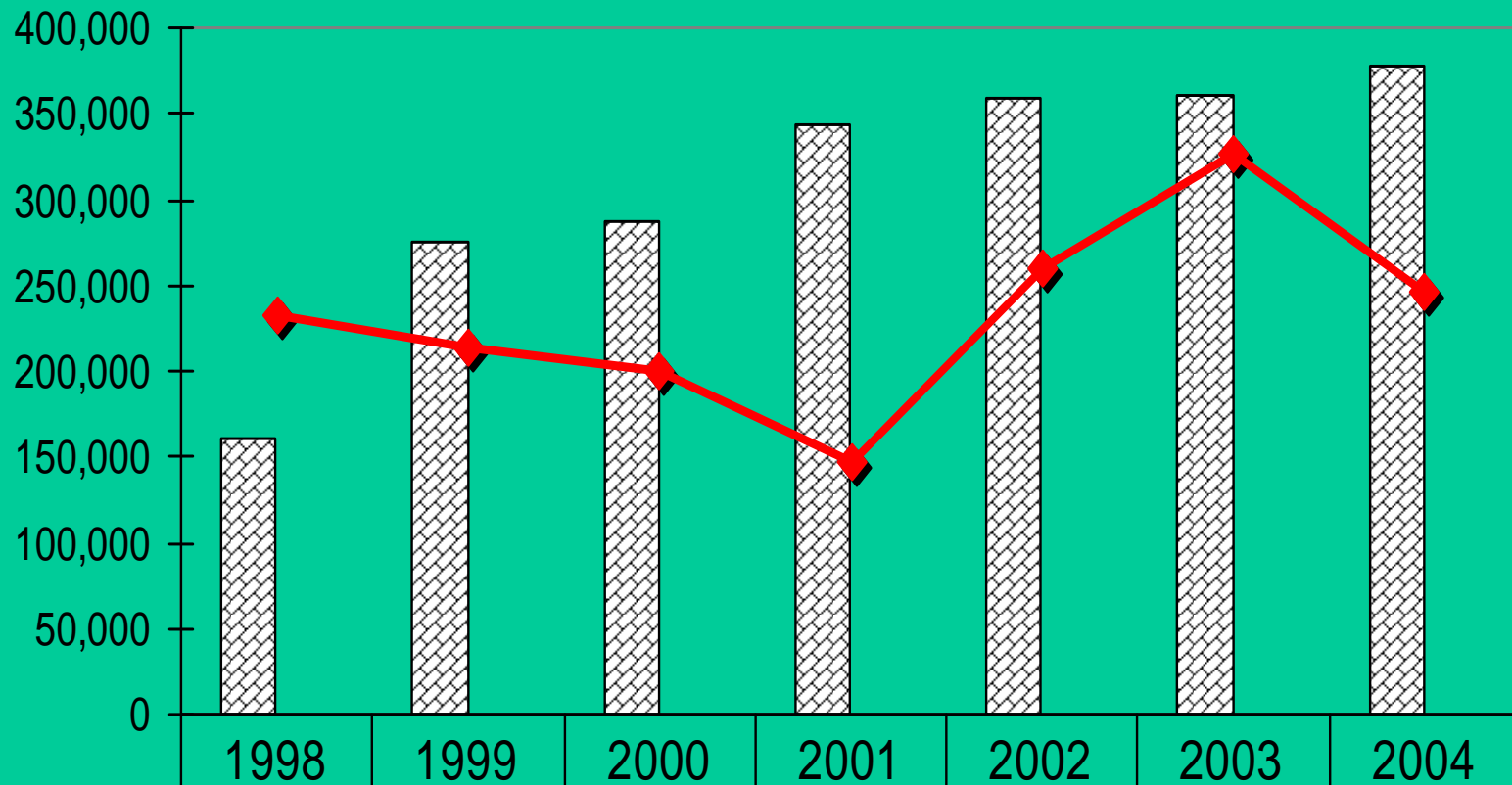
	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>TOTAL</b>
Screened	3,283	24,391	24,751	25,068	77,493
Positive	2	30	56	37	125
% Positive	0.06%	0.12%	0.23%	0.15%	0.16%






# Screening of Donated Blood:2001 to 2004

	2001	2002	2003	2004
Screened	356,093	416,557	420,316	420,463
Positive	105	145	134	107
% Positive	.029	.035	.032	.025


# Antenatal Mothers Screened and Detected Positive to HIV Infection : Malaysia 1998 – 2004



 Screened	161,087	275,640	286,390	343,030	359,411	361,152	377,016
 Positive	56	89	85	79	141	177	138
 % +ve	0.035	0.032	0.030	0.022	0.039	0.049	0.037

# TB Patients and TB Associated With HIV : Malaysia 1996 – Dec 2004

	1996	1997	1998	1999	2000	2001	2002	2003	2004
TB Cases	12,691	13,539	14,115	14,908	15,057	14,830	14,362	15,912	14,299
TB + HIV	329	475	582	690	734	746	932	939	1,211
% TB + HIV	2.59	3.50	4.12	4.63	4.87	5.03	6.49	5.90	8.47



# Estimation and Projection of People Living with HIV & AIDS (PLWHA)

## 1. Populations at higher risk (PHR)

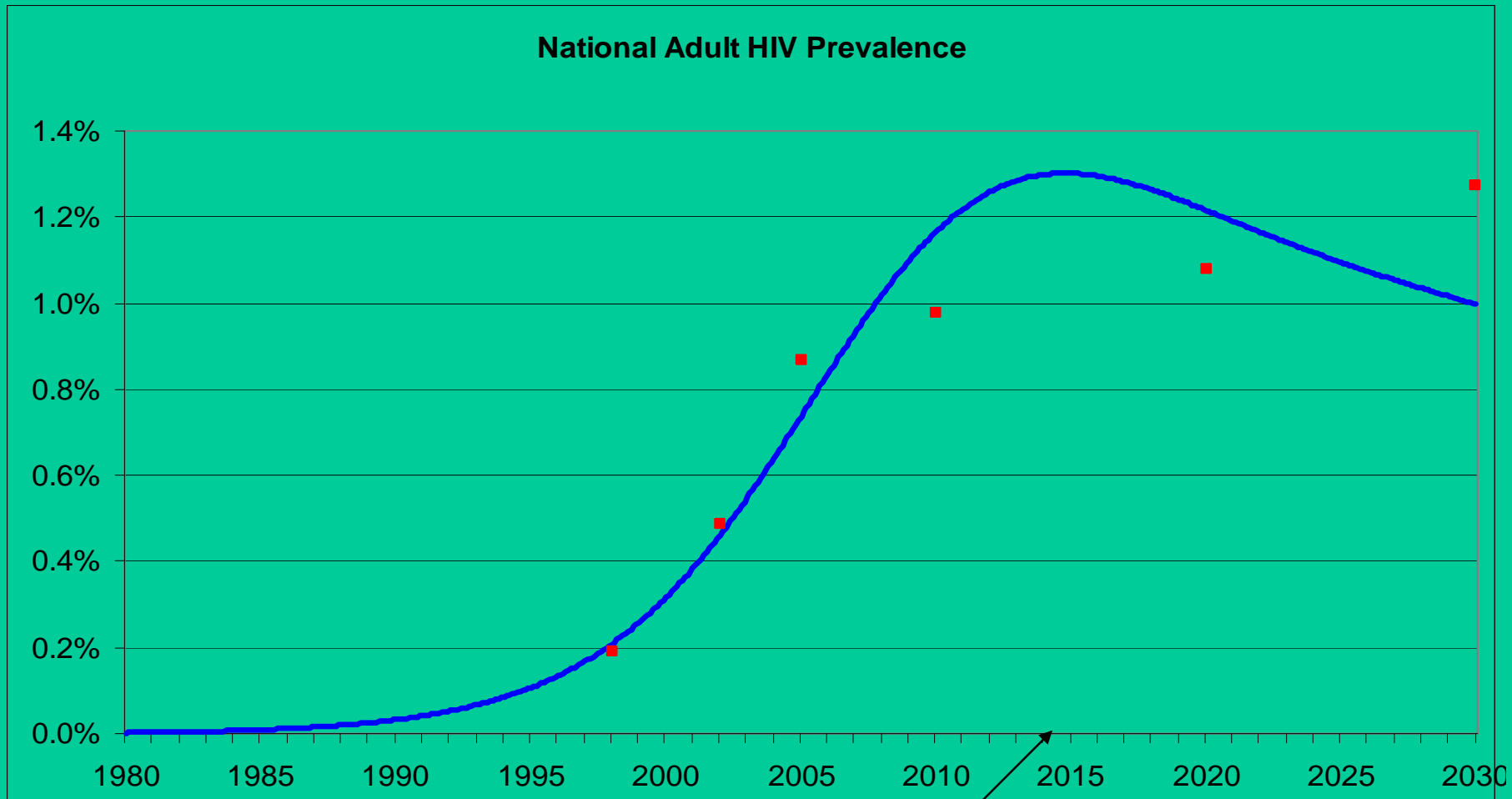
Sub-Population	Population Size		Prevalence	
	Low	High	Low	High
IDU	4,342	22,325	9.20%	35.61%
MSM	52,232	326,453	4.40%	8.20%
Sex workers	40,000	60,000	2.30%	15.50%
Clients of sex workers	326,453	326,453	0.10%	14.10%

# Estimation of PLWHA

National Estimates for year	2002	Reported	
		HIV	AIDS
<i>Number of Adults (15-49) LWHA</i>	47,568	51,256	7,218 *
<i>Adult Prevalence (15-49)</i>	0.36%	0.39%	0.055%
<i>Number of Women (15-49) LWHA</i>	5,024	3,104	563
<i>% of adults (15-49) who are women</i>	10.56%	6.1%	7.8%

\* 5,424 (75.1%) cumulative AIDS death until end of Dec. 2002

# HIV Projection



**2014 : Population 15 - 49 (14,526,000) , 188,838 PLWHA (UN Population Data)**

# Malaysian Burden of Disease and Injury Study:2001 \*

- Years of Life Lost (YLL)
  - HIV/AIDS is not included in the 10 leading cause of YLL in Malaysia
- Years Life With Disability (YLD)
  - HIV/AIDS is not included in the 10 leading cause of YLD in Malaysia
- Disability Adjusted Life Years (DALY)
  - As a whole, HIV/AIDS is not included in the 10 leading cause of DALY in Malaysia
    - No 10 in the group 15 – 29 year old among males
    - No 8/10 in the group of 30 – 59 year old among males
  - Represent 11.6% of burden of DALY among infectious disease

\* Reported in 2004



# Budget Allocation for HIV/AIDS: 1993 - 2002

- Prevention & Control Programme
  - RM 170 million (USD 44.7368 m)
- Patient Care & Laboratory Support
  - RM 129 million (USD 33.9474 m)
- IEC Materials
  - RM 30 million (USD 7.8947 m)
- Allocation to NGOs
  - RM 13.3 million (USD 3.5 m)

Grand Total : RM 342.3 m or USD 90.0789m

TERIMA  
KASIH

