



# Current Situation and Measures against Syphilis in Bangkok



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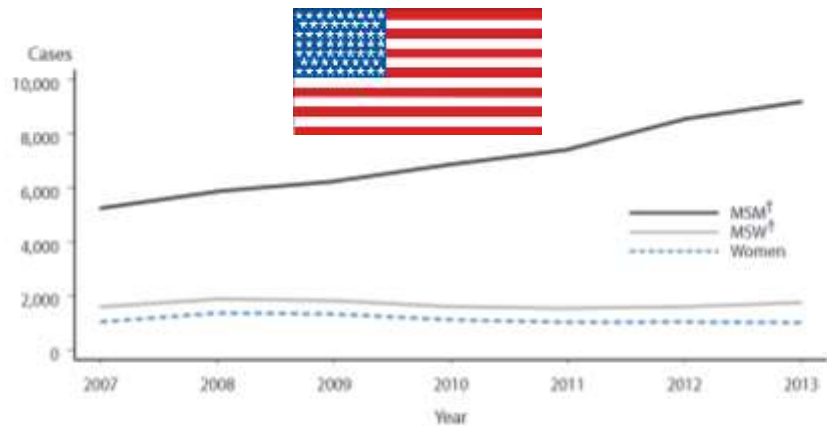
# Outline

-  **Current Situation Syphilis in Bangkok**
-  **Measures against syphilis in Bangkok**

# Estimated new cases of curable sexually transmitted infections (gonorrhoea, chlamydia, syphilis and trichomoniasis) by WHO region, 2008



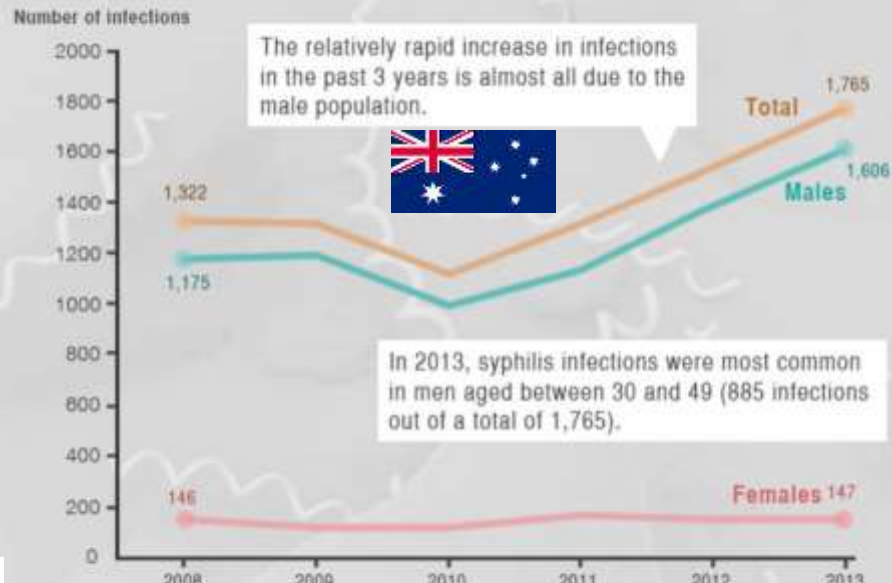
Figure 31. Primary and Secondary Syphilis – Reported Cases by Sex and Sexual Behavior, 33 areas\*, 2007–2013



\* 32 states and Washington, DC reported sex of partner data for a 70% of reported cases of P&S syphilis for each year during 2007–2013.  
 † MSM = men who have sex with men; MSW = men who have sex with women only.

## Syphilis infections in Australia

### Increase in new syphilis infections since 2008



32 National Profile: Syphilis STD Surveillance 2013

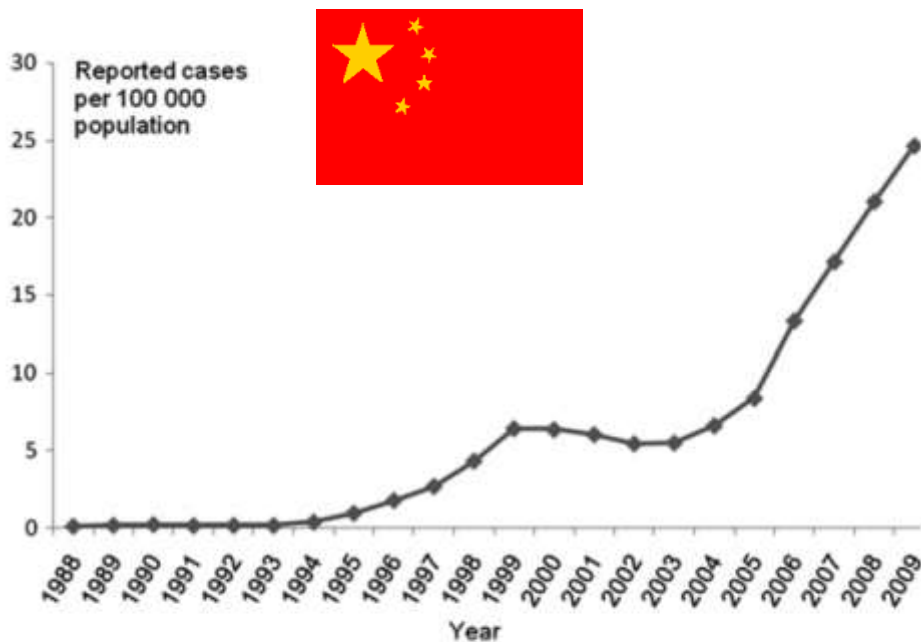
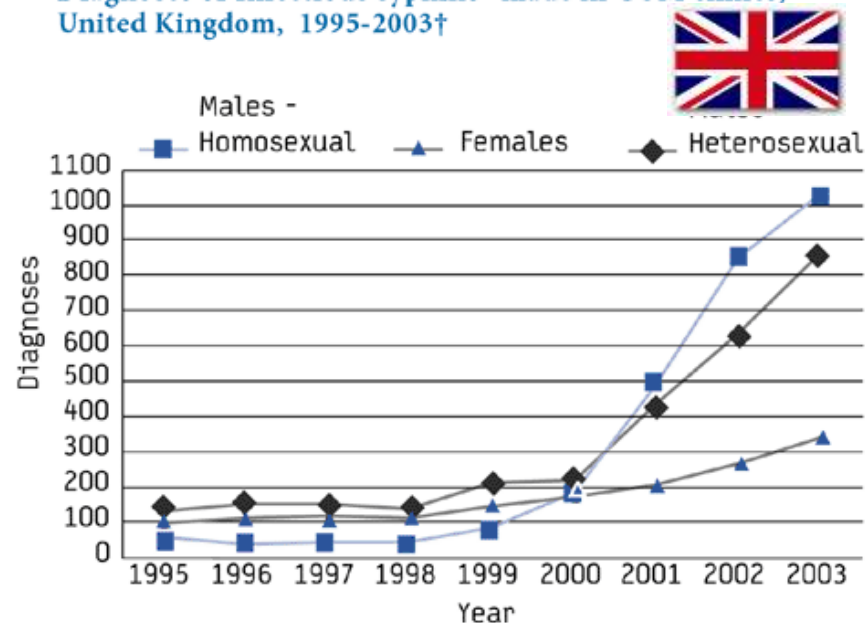
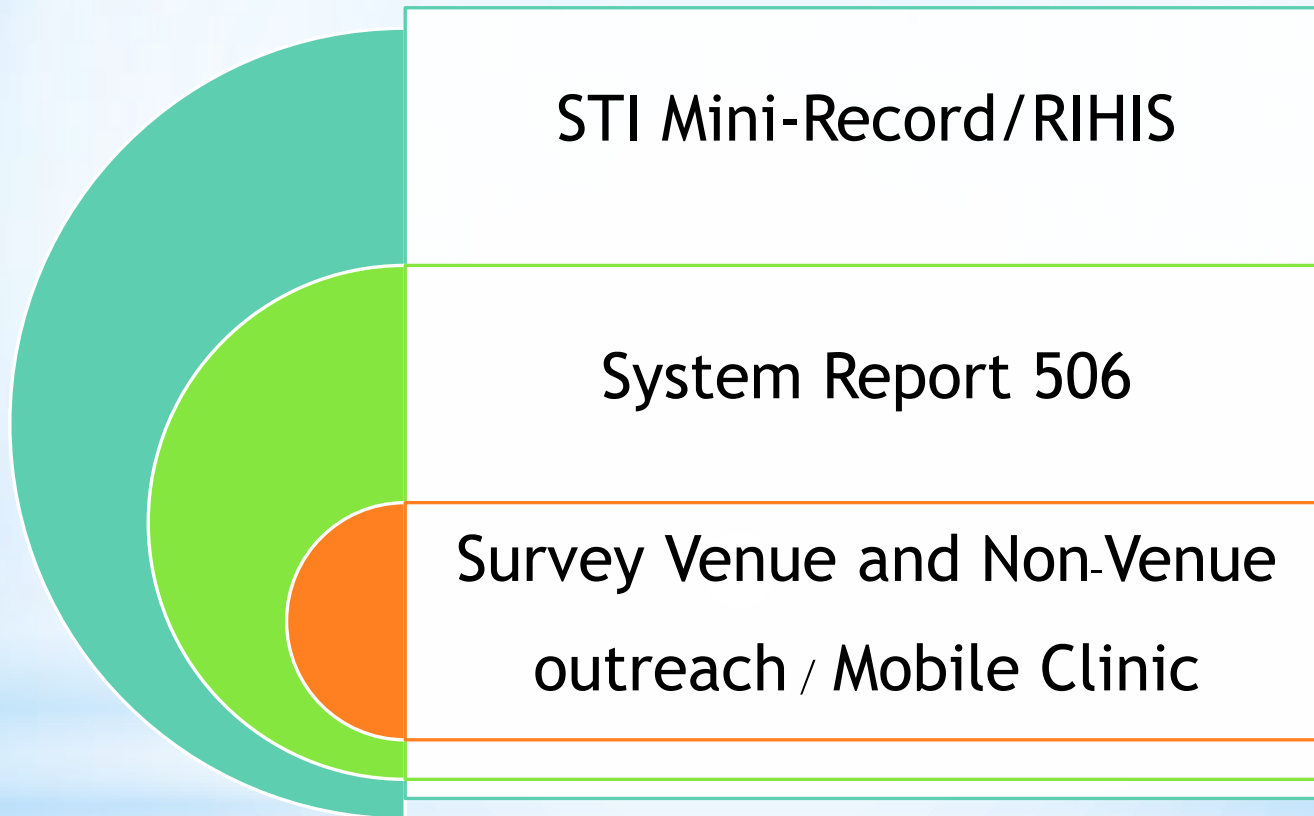


Figure 1 Reported total syphilis cases per 100 000 population in China.<sup>2 3</sup>

### Diagnoses of Infectious syphilis\* made in GUM clinics, United Kingdom, 1995–2003†



# Epidemiological Surveillance of STI

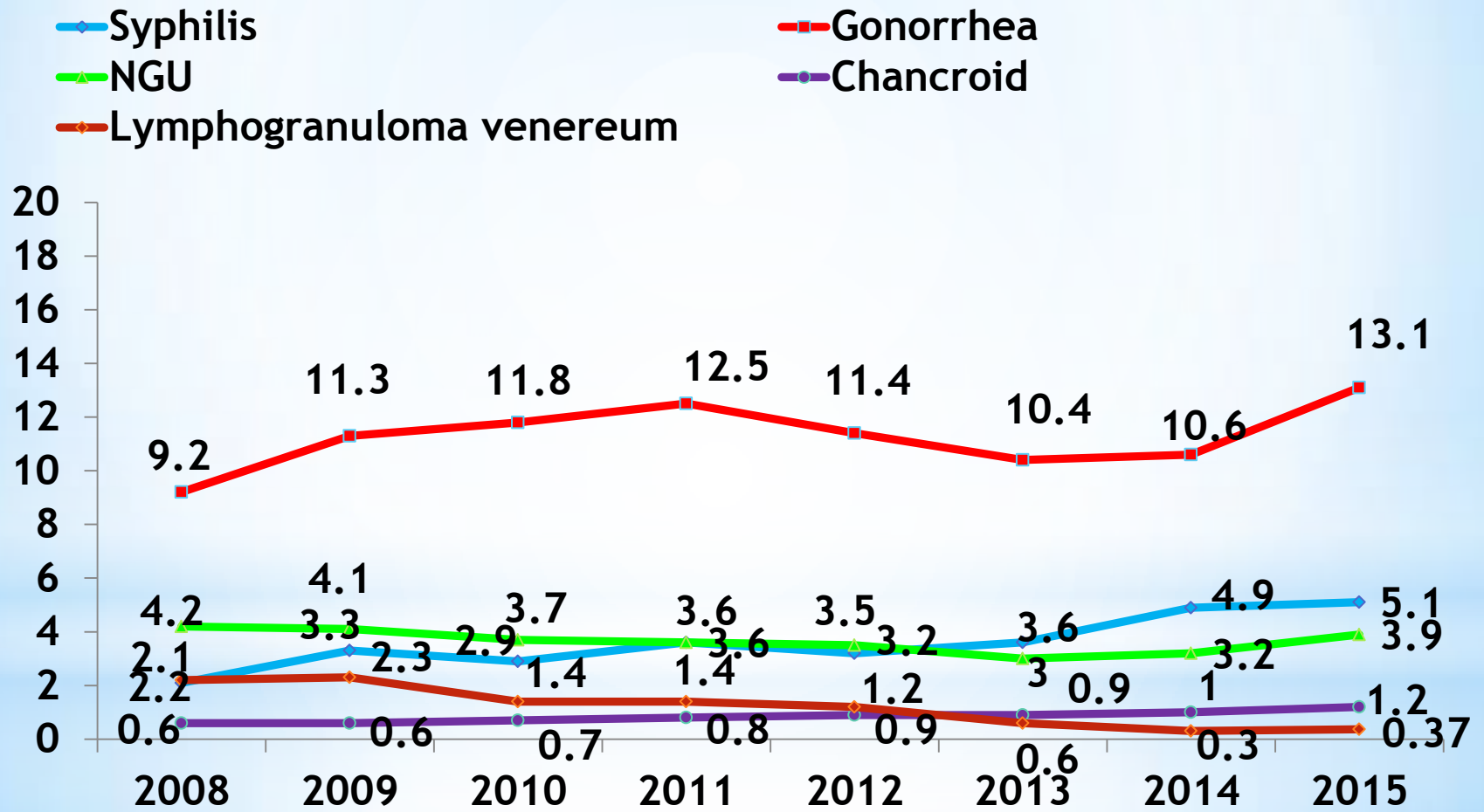


# Report case of sexually transmitted infection per 100,000 population, 2008-2015





# Report case of sexually transmitted infection per 100,000 population by type ,Thailand, 2008 - 2015



Source : Bangkok Epidemiological Surveillance Report 2015



“วันนี้ ประเทศไทยเป็นที่ยอมรับในเวทีโลก  
ว่าประสบความสำเร็จในการยุติการถ่ายทอดเชื้อเอชไอวี  
และซิฟิลิสจากแม่สู่ลูก เป็นประเทศที่ 2 ของโลก  
และประเทศแรกของเอเชีย จากนั้นไป กระทรวงสาธารณสุข  
จะร่วมมือกับภาคีเครือข่ายทั้งภาครัฐ ภาคเอกชน และประชาสังคม  
อย่างเข้มแข็ง เพื่อรักษามาตรฐานของการทำงาน  
และขยายการยุติเอดส์ไปสู่เป้าหมายประชากรกลุ่มอื่นๆ ต่อไป”

ศ.คลินิก เกียรติคุณ นพ.ปิยะสกล สกลสัตยาทร  
รัฐมนตรีว่าการกระทรวงสาธารณสุข



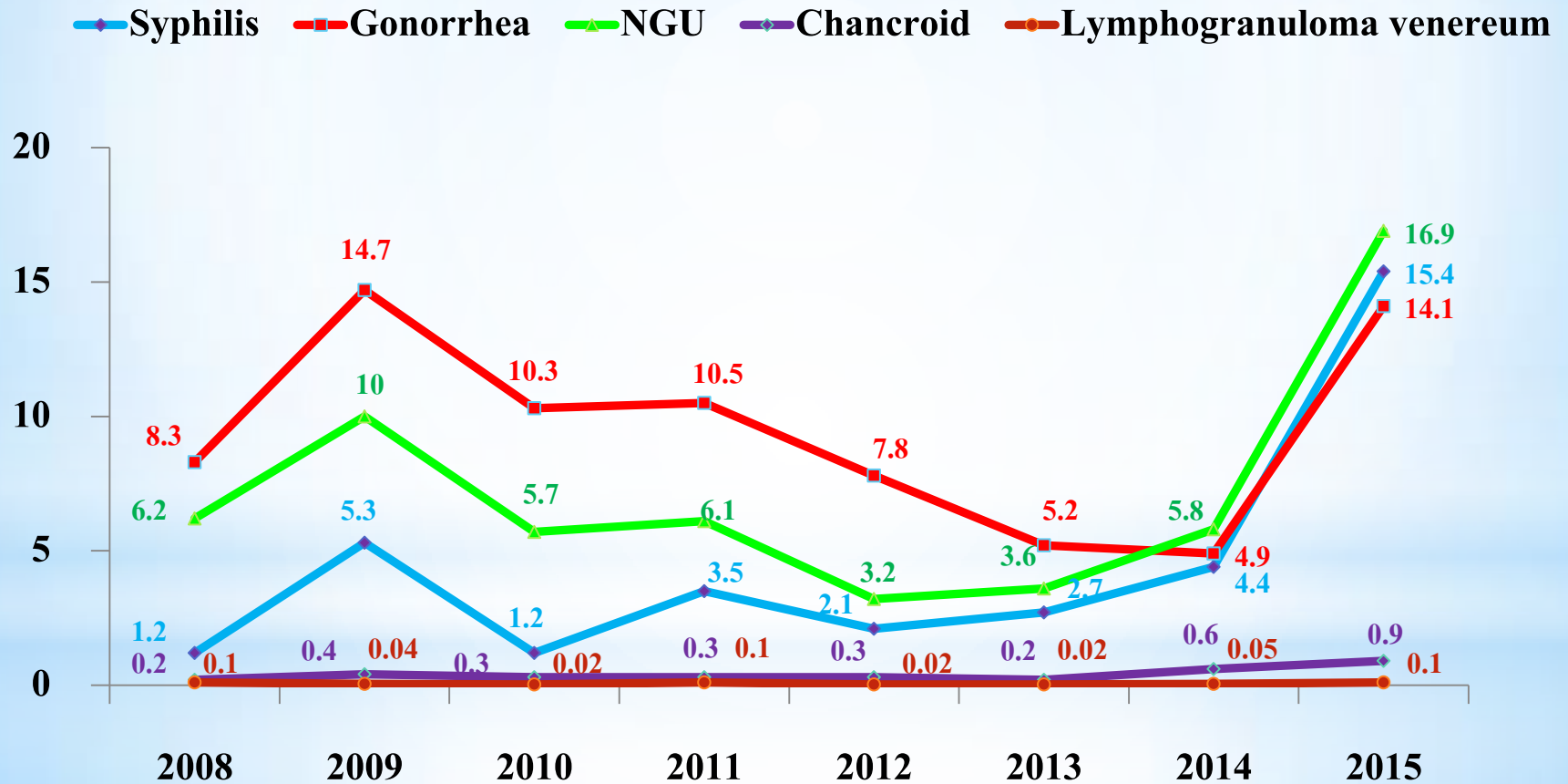
# Congenital Syphilis

Person



Source : Bangkok Epidemiological Surveillance Report 2015

# Report case of sexually transmitted infection per 100,000 population by type ,Bangkok, 2008 - 2015

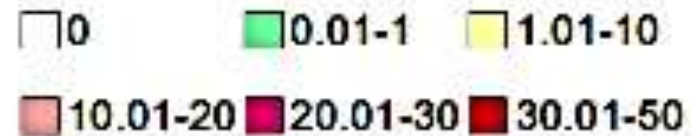


Source : Thailand Epidemiological Surveillance Report 2015

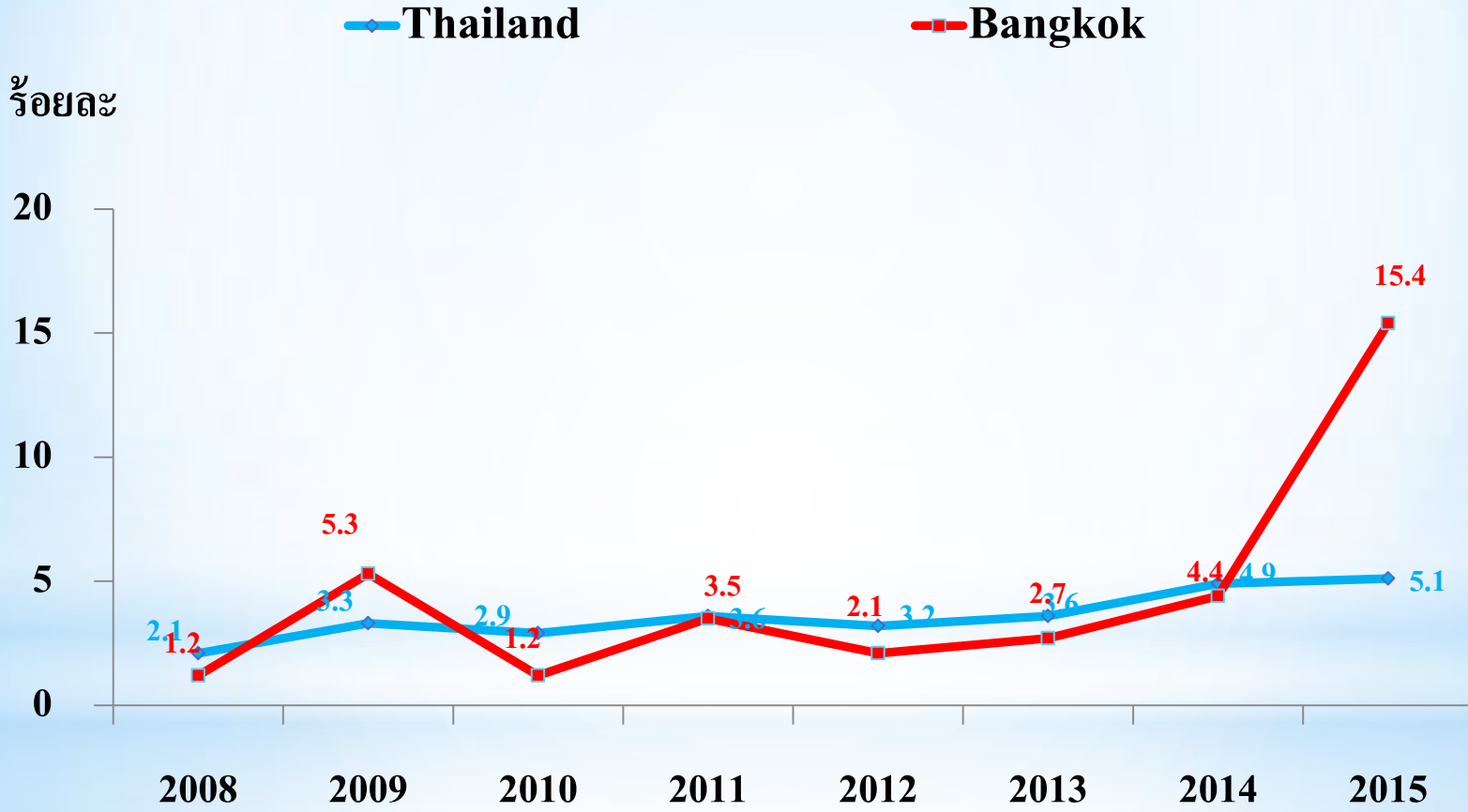
# Syphilis Case rate per 100,000 population (2015)








อัตราต่อแสนประชากร



# Syphilis Case rate per 100,000 population (2015)



Source : Thailand Epidemiological Surveillance Report 2015

Type	Case rate per 100,000 population (2015)	
	Thailand	Bangkok
<b><i>Gonorrhoea</i></b> 	13.14	14.1
<b><i>Syphilis</i></b> 	5.06	15.4
<b><i>NGU</i></b> 	3.94	16.9
<b><i>Chancroid</i></b> 	1.24	0.9
<b><i>Lymphogranuloma venereum</i></b> 	0.37	0.1

Source : Thailand Epidemiological Surveillance Report 2015



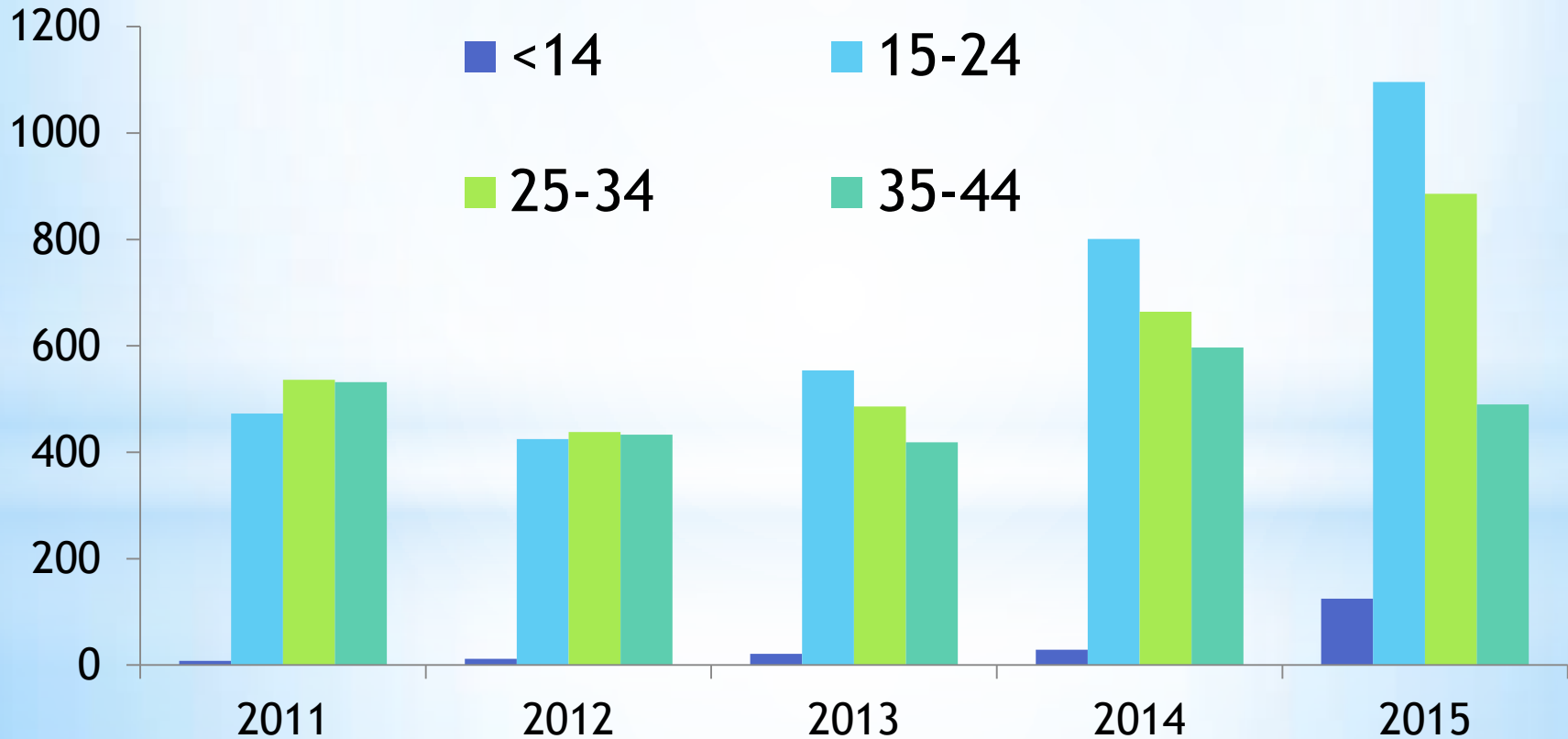
# Reported Syphilis cases by Nationality, Thailand : 2015

	<b>Total</b>	<b>Thai</b>	<b>Myanmar</b>	<b>Laos</b>	<b>Cambodi a</b>	<b>Other</b>
<b>Thailand</b>	<b>3296</b>	<b>2519</b>	<b>179</b>	<b>16</b>	<b>62</b>	<b>513</b>
<b>Province &gt; 100 case</b>						
<b>Bangkok</b>	<b>876</b>	<b>334</b>	<b>15</b>	<b>6</b>	<b>17</b>	<b>502</b>
<b>Chiang Mai</b>	<b>181</b>	<b>166</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>5</b>
<b>Samut Prakan</b>	<b>151</b>	<b>130</b>	<b>16</b>	<b>0</b>	<b>5</b>	<b>0</b>
<b>Sisaket</b>	<b>135</b>	<b>131</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Surat Thani</b>	<b>149</b>	<b>135</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Chiang Rai</b>	<b>108</b>	<b>89</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>5</b>

**Source : Thailand Epidemiological Surveillance Report 2015**

# Reported Syphilis cases by Age group, Thailand : 2006-2015

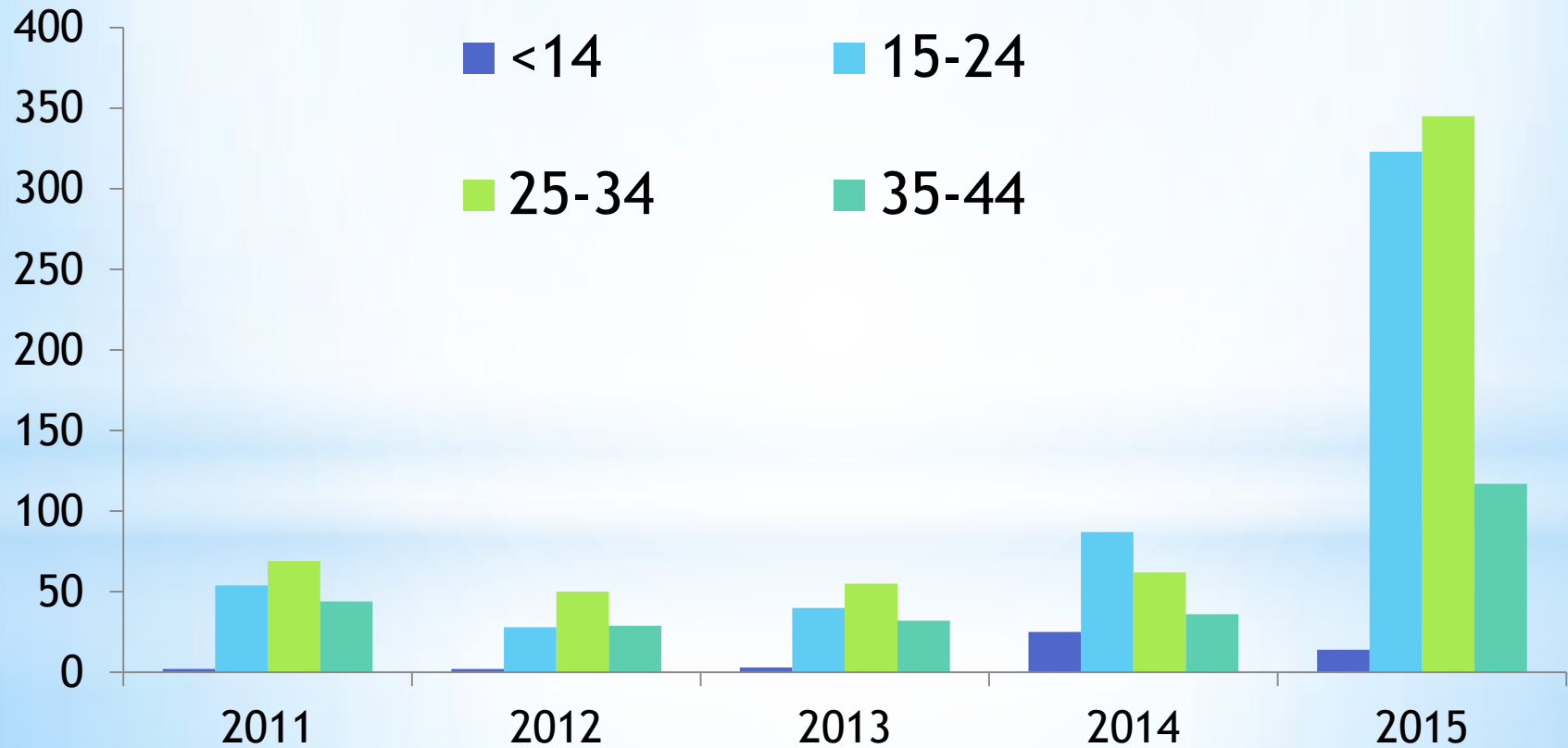
	2011	2012	2013	2014	2015
<14	8	12	21	29	125
15-24	473	425	554	801	1096
25-34	536	438	486	664	886
35-44	532	433	419	597	490



Source : Thailand Epidemiological Surveillance Report 2015

# Reported Syphilis cases by Age group, Bangkok :

	2011	2012	2013	2014	2015
<14	2	2	3	25	14
15-24	54	28	40	87	323
25-34	69	50	55	62	345
35-44	44	29	32	36	117



Source : Bangkok Epidemiological Surveillance Report 2015

# Reported Syphilis cases, Bangruk clinic : 2015

	Male clinic	MSM clinic		Female clinic		Adolescent clinic	Total
		Non-SW	Sex Worker	Non-SW	Sex Workers		
Total cases	3,005	1,396	193	1,728	1,332	591	8,245
Syphilis cases	58	161	17	21	8	13	278
%	1.3	11.5	8.8	1.2	0.6	2.2	3.4

**Source :** Bangruk clinic

# Reported Syphilis cases, 9 BMA STI clinic : 2015

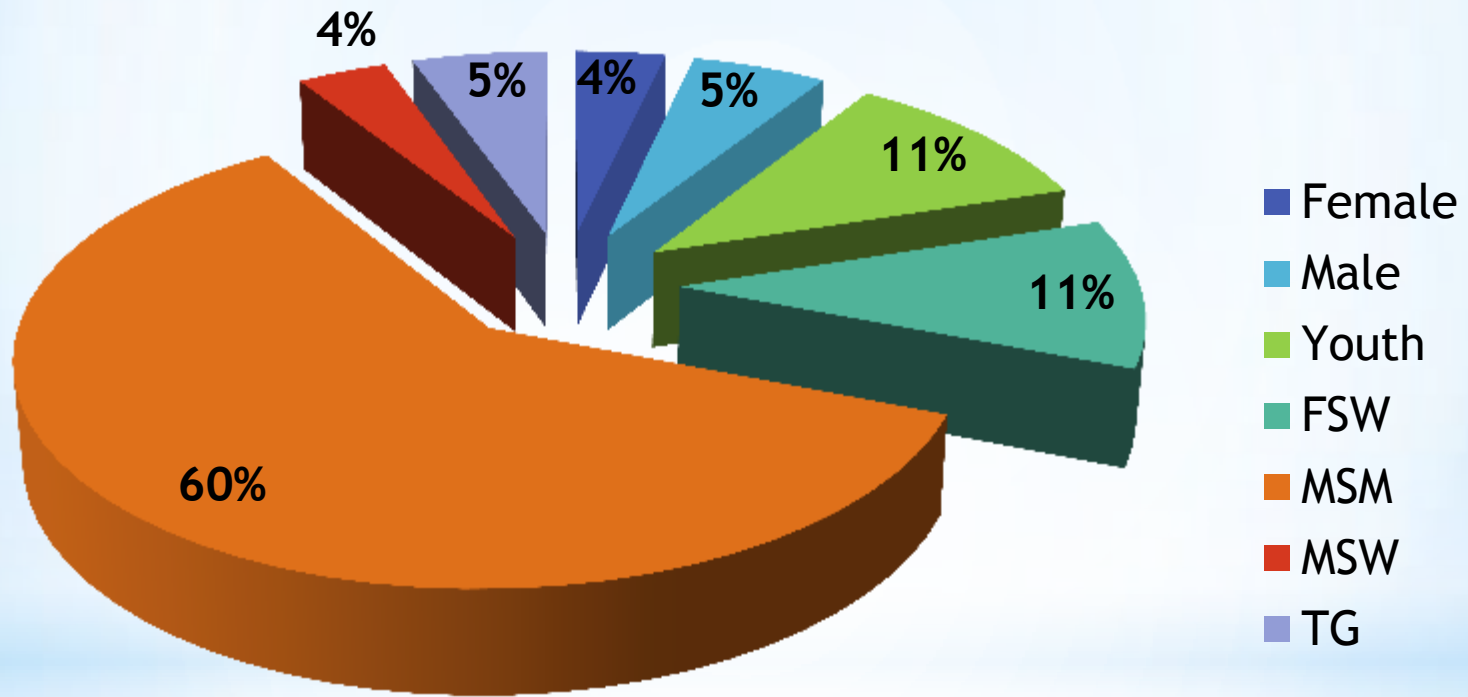
	Total	Female	Male	Youth	FSW	MSM	MSW	TG	IDU	MW
Service recipients	7,649	1,726	1,269	575	3,070	621	80	53	84	171
STI case	861	317	178	138	129	69	8	5	3	14
Syphilis	55	2	3	6	6	33	2	3	0	0
%	6.39	0.63	1.69	7.68	4.65	47.83	25	60	0	0

*Source : AIDS TB&STI Control Division, BMA*



# Reported Syphilis cases by Key Poppulations

## 9 BMA STI clinic : 2015



**Source : AIDS TB&STI Control Division, BMA**

# Reported Syphilis cases by Key Poppulations

## Mobile VCT/STI: 2016

KP	Client	HIV Test	HIV Positive	Syphilis Test	Syphilis Reactive
Gen Pop	185	156	1	157	3
MSM	99	97	13	97	9
MSW	28	27	-	28	2
TG	3	3	-	3	-
FSW (Venue)	170	153	1	154	2
FSW (Non-Vanue)	2	2	-	2	-
MW	1	1	-	1	-
TGSW	2	1	-	1	1
<b>Total</b>	<b>490</b>	<b>440</b>	<b>15</b>	<b>442</b>	<b>17</b>

# Challenge

1. Increased Syphilis and gonorrhea rates
2. High STD rate in adolescent and young adult age (12-24 year)
3. Increased Syphilis rate in MSM
4. Lower Congenital syphilis rate but increased case because of low birth rate
5. Drug resistant Gonorrhea coming

# Measures against syphilis in Bangkok



**City Plan**



**AIDS /TB/STI  
Prevention and  
Control Plan**



**BMA Comprehensive Plan**

**Executive Policies**



**Action Plan for Departments and District Offices**



# Key Content of the BMA's 5<sup>th</sup> Five-Year Plan for AIDS Prevention and Control (2012-16)

