

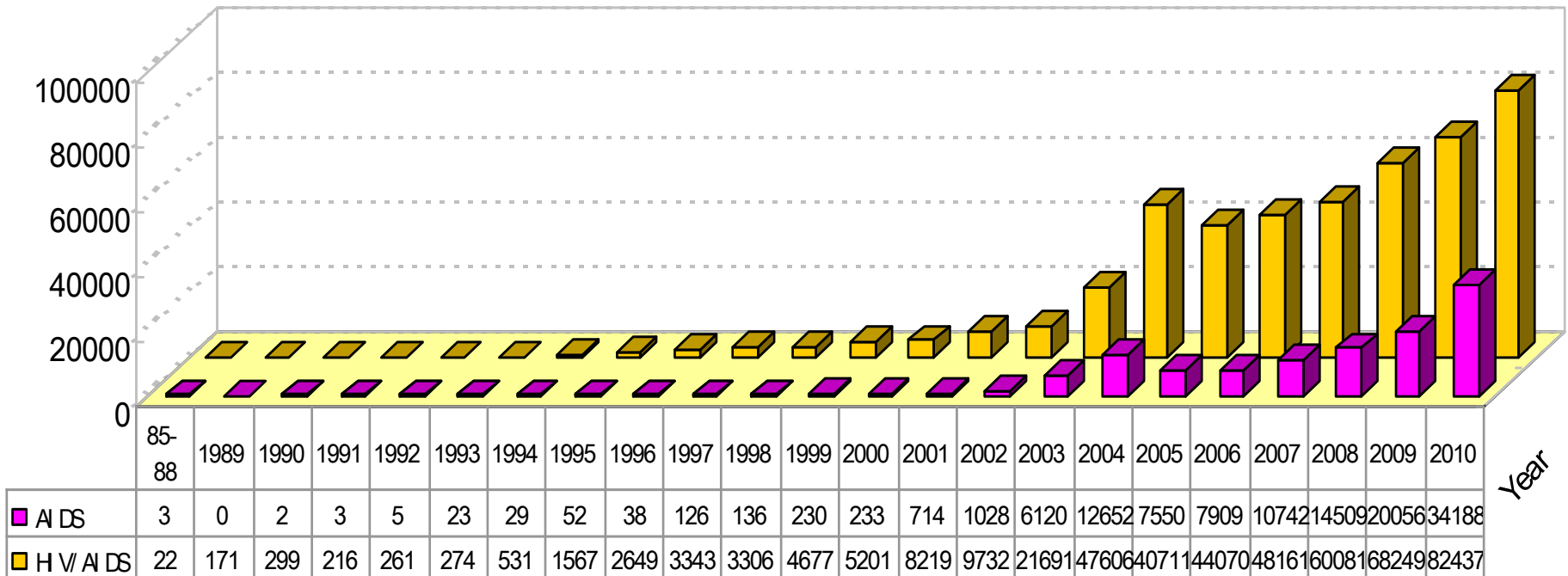
HIV Testing & Treatment as Prevention in China

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**National Center for AIDS/STD Control and Prevention
Chinese Center for Disease Control and Prevention**

Annual Reported HIV/AIDS cases remain high

Testing Campaign



% People Tested HIV in 2010

Province	2010		
	Subjects	Pop Size (10,000)	Test (%)
Total	64,462,212	130,961	4.9
BJ	2,486,600	1695	14.7
SH	2,447,253	1794	13.6
ZJ	5,814,233	5120	11.4
GX	4,886,605	4816	10.1
TJ	790,942	1176	6.7
YN	2,771,012	4543	6.1
GD	5,536,506	9544	5.8
LN	2,438,426	4315	5.7
NX	340,936	606	5.6
XJ	1,134,295	2131	5.3
JS	4,055,750	7677	5.3
SD	4,672,557	9417	5.0

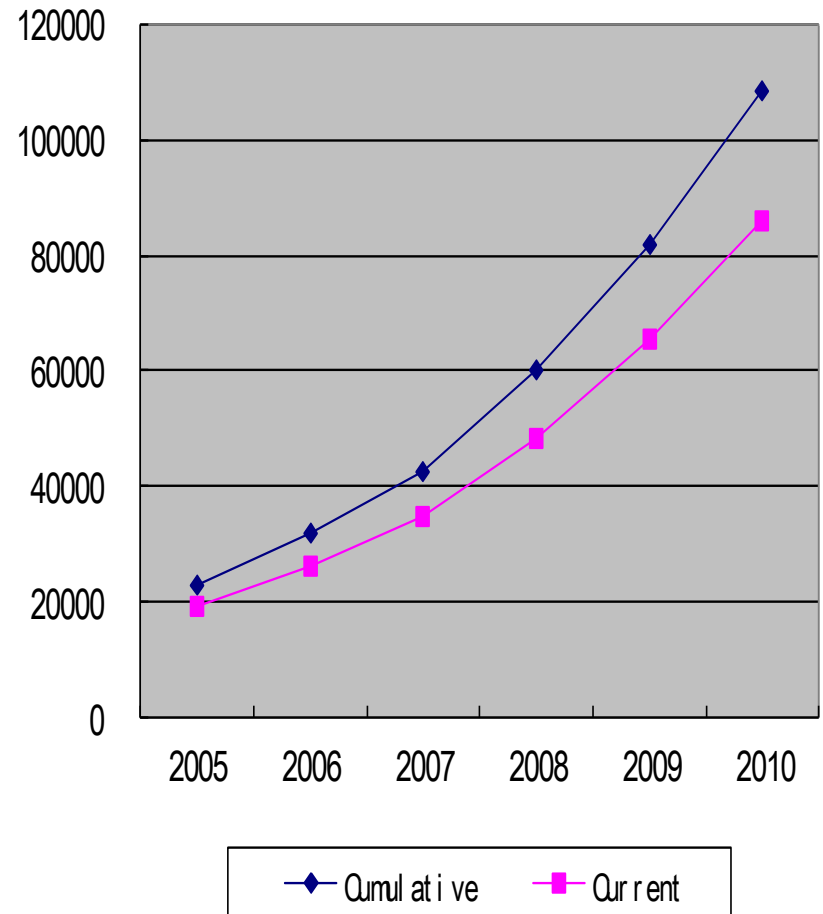
SX	1,527,139	3411	4.5
BT	112,446	254	4.4
HN	4,060,508	9387	4.3
QH	240,810	558	4.3
SaX	1,480,103	3762	3.9
HuN	2,455,285	6385	3.8
FJ	1,355,789	3633	3.7
GZ	1,390,729	3789	3.7
JL	986,057	2734	3.6
HaN	287,551	798	3.6
JX	1,524,172	4400	3.5
HLJ	1,318,034	3825	3.4
SC	2,802,468	8183	3.4
HB	1,787,823	5711	3.1
NMG	755,292	2414	3.1
GS	757,369	2630	2.9
HeB	1,966,454	6995	2.8
CQ	739,597	2839	2.6
AH	1,536,747	6135	2.5
XZ	2,724	287	0.1

ART Program

◆ Adult :
Covers AIDS **106,600** in
1871 Counties, **32%**
increased compared to 2009.

◆ Children :
Covers **2175** children in
340 counties

◆ 2nd Line :
Covers **7129** patients



ART Program

	2005	2006	2007	2008	2009	2010
ART	20,453	30,460	41,777	58,795	79,946	108,788
↑		10,007	11,317	17,018	21,151	28,842
↑ %		+48.9%	+37.2%	+40.7%	+36.0%	+36.1%
Death		7,017	9301	11929	13841	14016

Increase by 36%-49%, good progress !

Our pace is slower than HIV spreading !!

China's New AIDS Policy

5 Expansions

- Education
- Testing
- PMTCT
- Intervention
- ART

6 Strengthening

- Blood safety
- Medical services
- Care & support
- Rights
- Leadership
- Personnel

国务院文件

国发〔2010〕48号

国务院关于进一步 加强 艾滋病防治工作的通知

各省、自治区、直辖市人民政府，国务院各部委、各直属机构：

为进一步做好艾滋病防治工作，有效遏制艾滋病的蔓延，针对当前和今后一段时期我国艾滋病疫情及防治工作需要，现就有关工作通知如下。

Weather Forecast

今天是2011年2月17日 星期四 正月十五(七九第四天)

相关地区

北京(Beijing)



天气社区 城市标识图片征集

最新实况(22:05)

天气监测分布图>>

雷达图



相关数据

今日日出日落时间

07:04 | 17:51

明日日出日落时间

07:03 | 17:53

邮政编码

100000

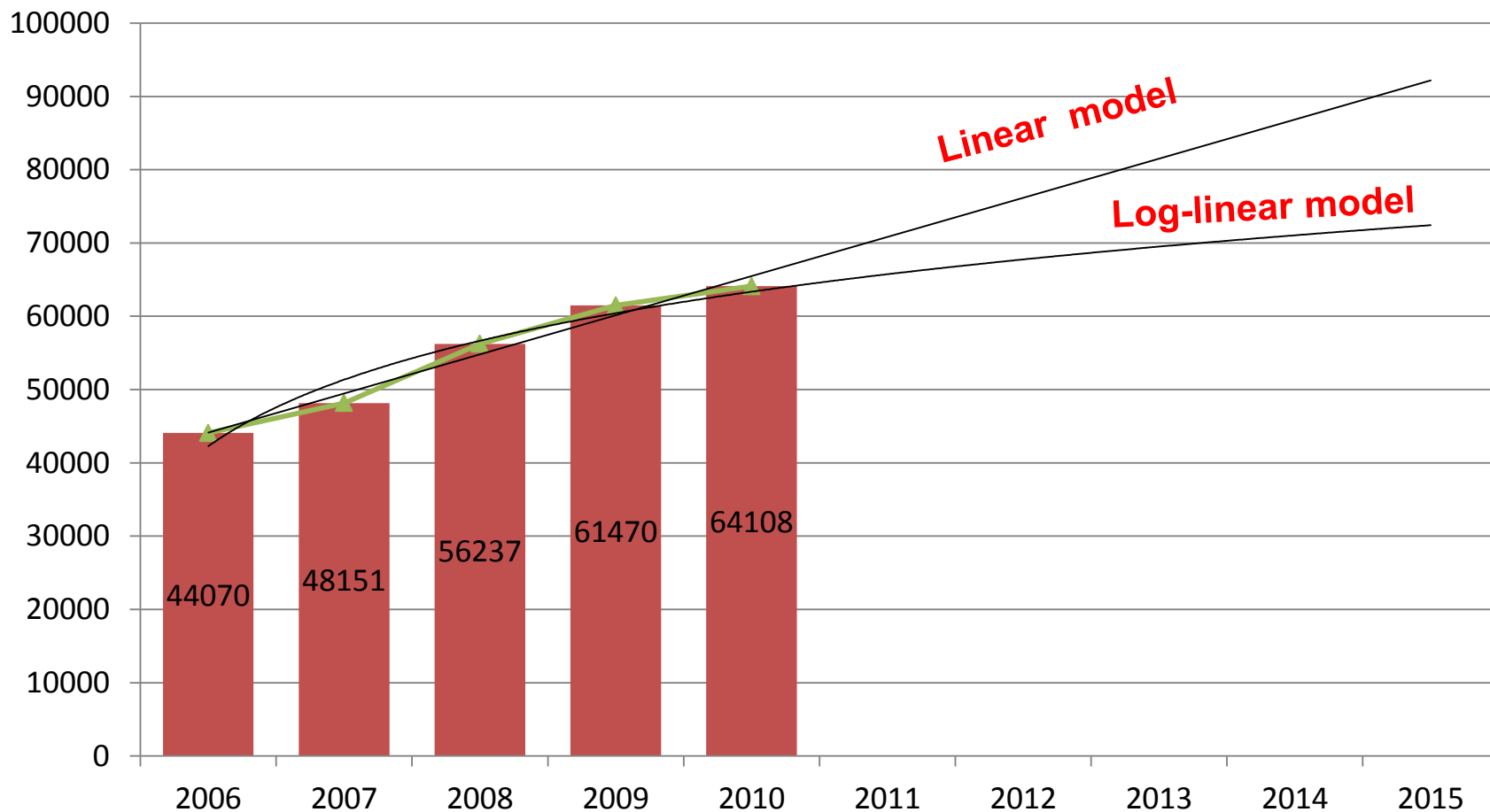
北京天气预报 (2011-02-17 18:00 发布)

查看未来4-7天天气预报

天气图例

日期	天气现象	气温	风向	风力
17日星期四	夜间	低温 -6℃	无持续风向	微风
18日星期五	白天	高温 9℃	无持续风向	微风
	夜间	低温 -3℃	无持续风向	微风
19日星期六	白天	高温 10℃	无持续风向	微风
	夜间	低温 -4℃	无持续风向	微风
20日星期日	白天	高温 10℃	无持续风向	微风
	夜间	低温 -3℃	无持续风向	微风

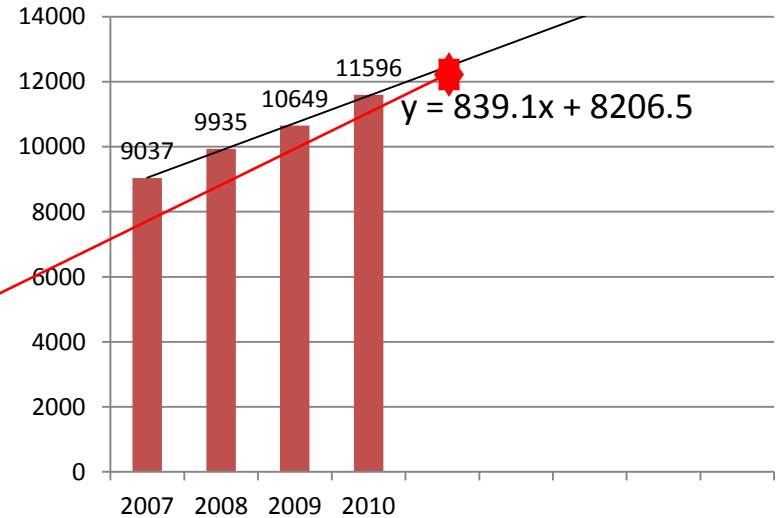
Prediction of newly identified HIV cases 2011-2015



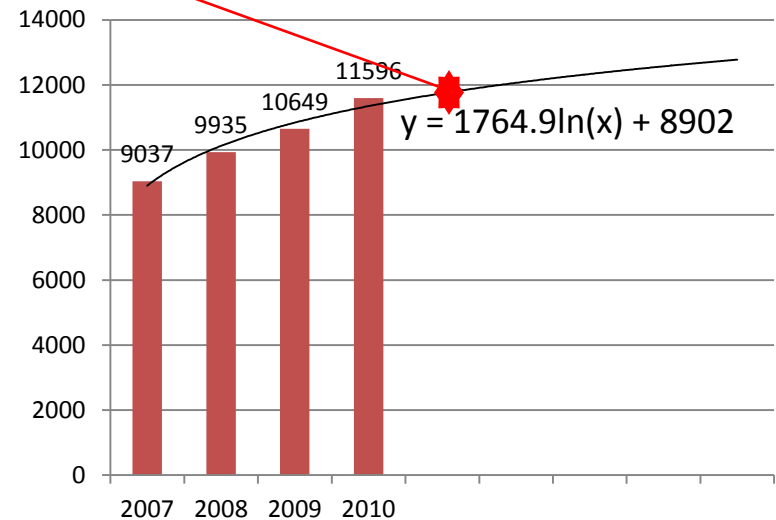
Example1 : GX

Year	HIV	New AIDS	total	Late%
2007	6427	2610	9037	28.9
2008	7343	2592	9935	26.1
2009	7059	3590	10649	33.7
2010	7383	4213	11596	36.3
2011 L	-	-	12402	
2011 L-L	-	-	11741	

Linear Model prediction



Log-linear model prediction

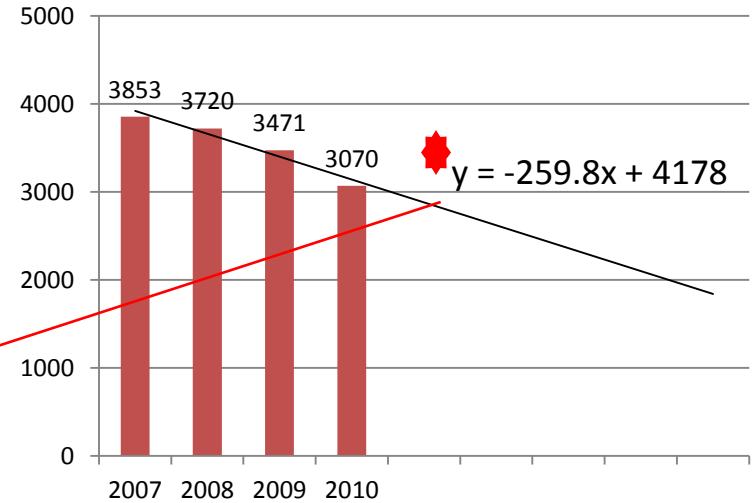


13200

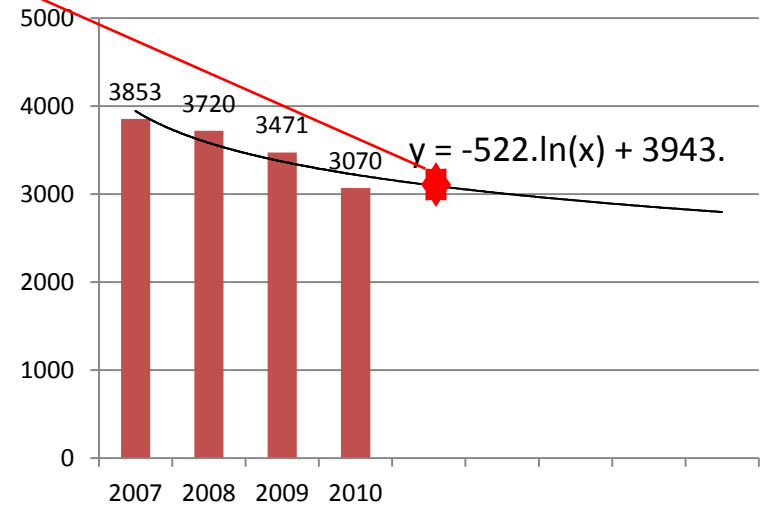
Example 2, HN

Year	HIV	New AIDS	Total New	Late %
2007	1483	2370	3853	61.5
2008	1842	2629	3720	50.5
2009	1650	1821	3471	52.5
2010	1627	1443	3070	47.0
2011 L	-	-	2879	
2011 LL	-	-	3103	

Liner model prediction



Log-linear model prediction



3200

HIV identified in 2011

	Newly Detected	%
Total	75000	16.6
HN	3200	4.2
AH	820	13.3
GX	13200	13.8
JX	710	20.3
FJ	920	21.7
HuN	2500	25.8
JL	350	18.2
HB	1500	25.9
SX	600	12.8
SaX	630	19.3
GS	250	16.8
SH	1540	21.0
ZJ	2200	11.4
QH	120	15.4

HLJ	480	20.3
GD	6830	22.2
HeB	460	20.7
TJ	400	17.3
JS	1710	10.1
YN	12000	15.3
CQ	2710	21.7
NX	120	9.1
SC	10100	18.4
BJ	1600	11.1
GZ	1900	13.5
HaN	260	21.5
SD	900	17.2
NMG	210	14.8
BT	100	20.5
XJ	5700	20.2
LN	950	14.3
XZ	30	0.0

ART as Prevention

	2010	2011
ART	108,788	
↑	28,842	40097
↑ %		37%

ART as Prevention

CD4	2010	2011-
CD4<200	80%	>80%
200<CD4<350	30%	50%
350<CD4<500	0	Dis. C
CD4>500	0	Dis. C

ART as Prevention

- **HIV continue to increase among MSM**
- **Many cities request to TasP**

ART as Prevention

Challenges:

Training of Doctors

Education of patients

Regimen options