

HIV Testing and Expansion of ART for TB Patients: Bottlenecks, Challenges and Enablers for scale up in Guyana

Dr. Jeetendra Mohanlall
Programme Manager
National Tuberculosis Programme
Ministry of Health
Guyana



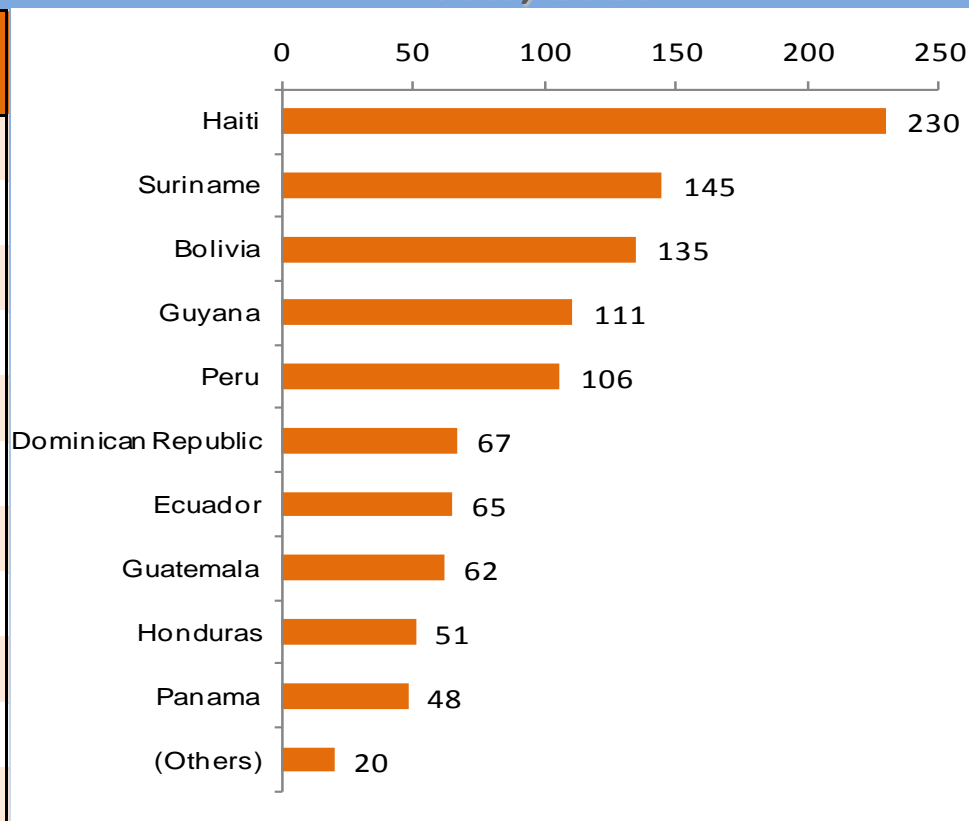


Progress of the Americas towards achieving the indicators of the Global Plan to Stop TB, 2015

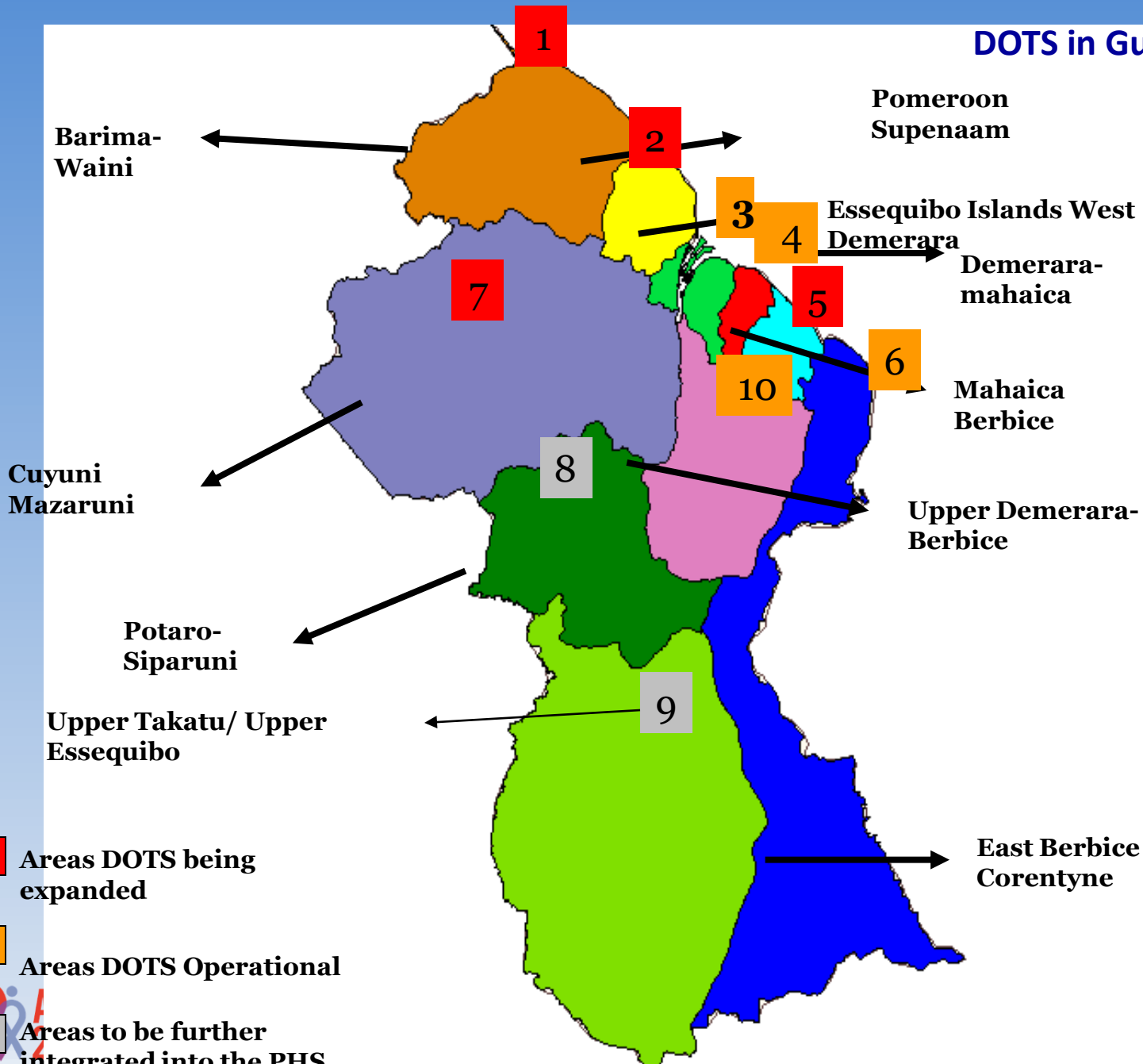
Countries which Account for >80% of the Burden, 2010




#	Country	Incident		Cumulative
		TB Cases	%	%
1	Brazil	85,000	32%	32%
2	Peru	31,000	12%	43%
3	Haiti	23,000	8.6%	52%
4	Mexico	18,000	6.7%	59%
5	Colombia	16,000	6.0%	65%
6	Bolivia	13,000	4.9%	70%
7	United States	13,000	4.9%	75%
8	Argentina	11,000	4.1%	79%
9	Venezuela	9,700	3.6%	82%
10	Ecuador	9,400	3.5%	86%
	Others	37,880	14%	100%

Countries with the Highest Incidence Rates, 2010



DOTS in Guyana



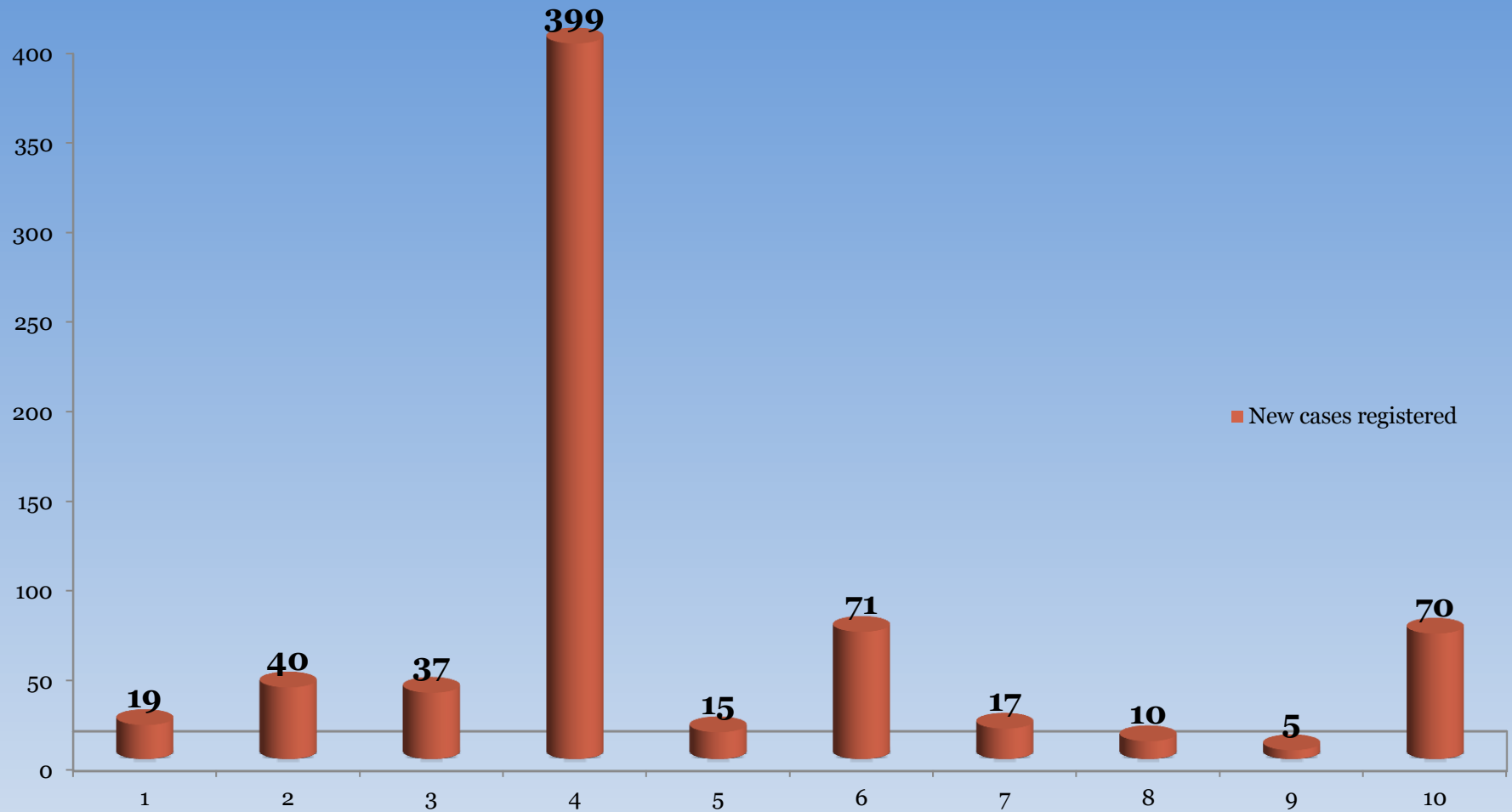
-  Areas DOTS being expanded
-  Areas DOTS Operational
-  Areas to be further integrated into the PHS



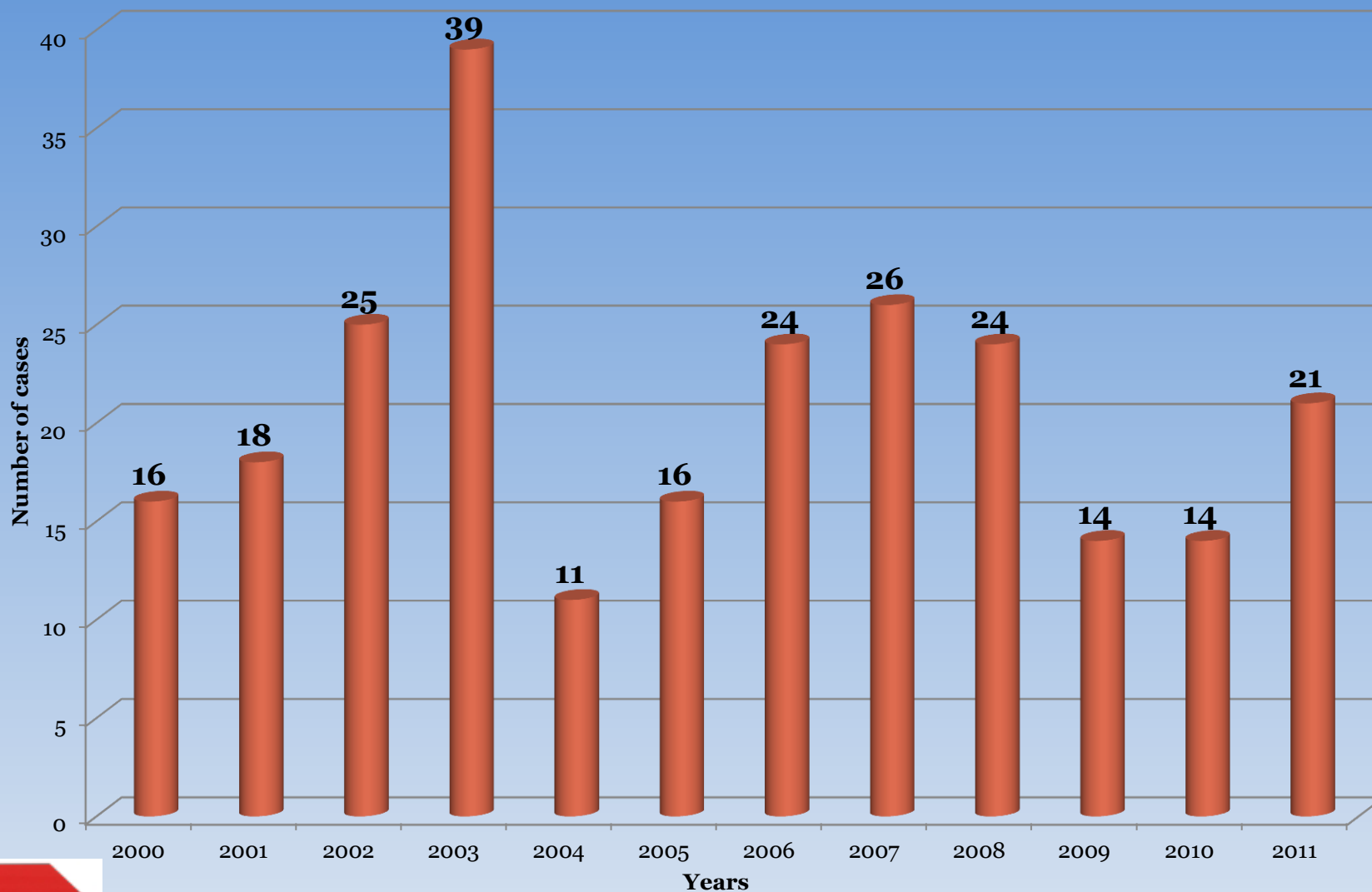
Distribution of the HIV sites in Guyana



Number of TB cases per Region (2011)

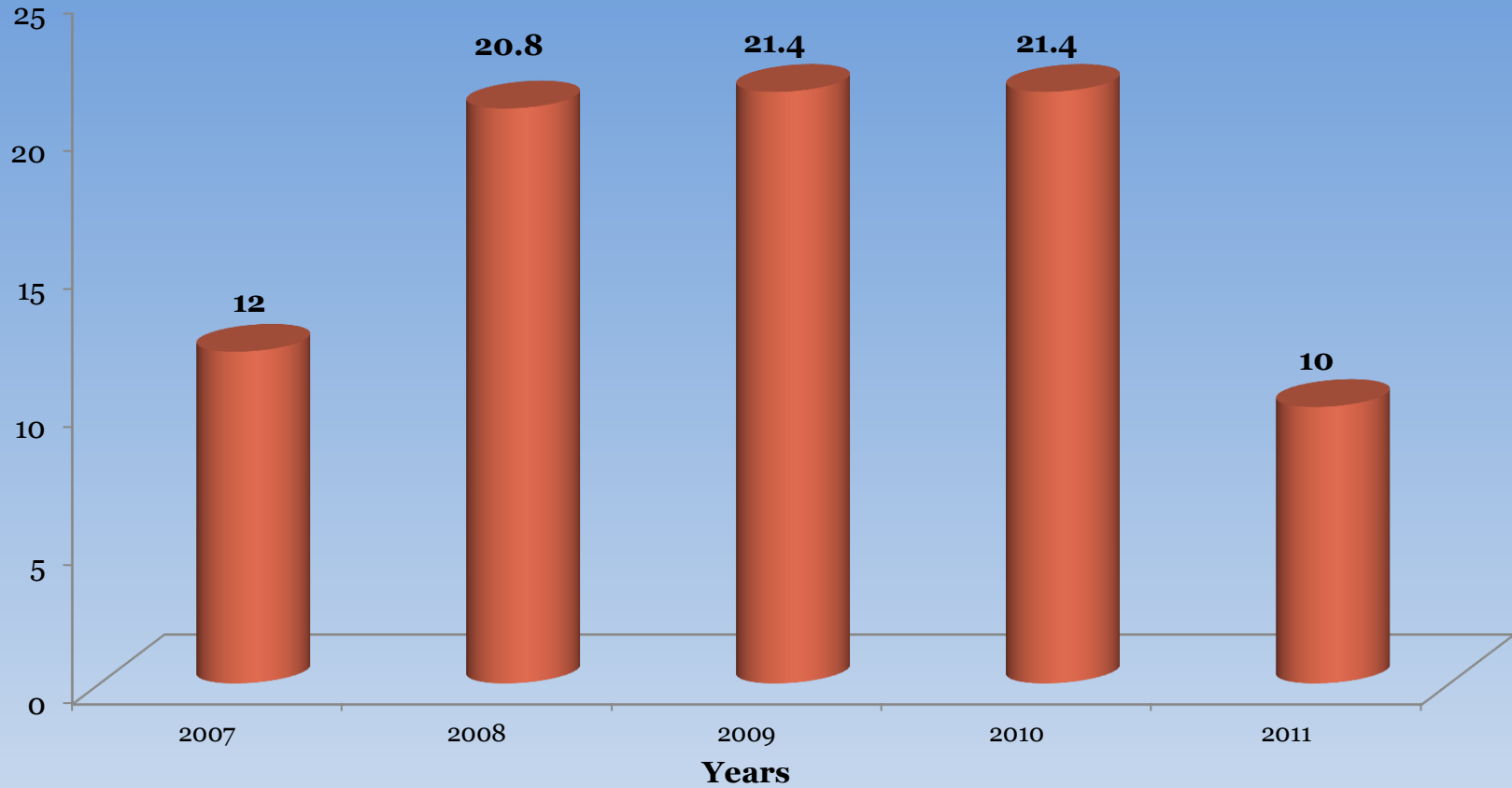


Number of Cases Registered in Prison (2000-2011)





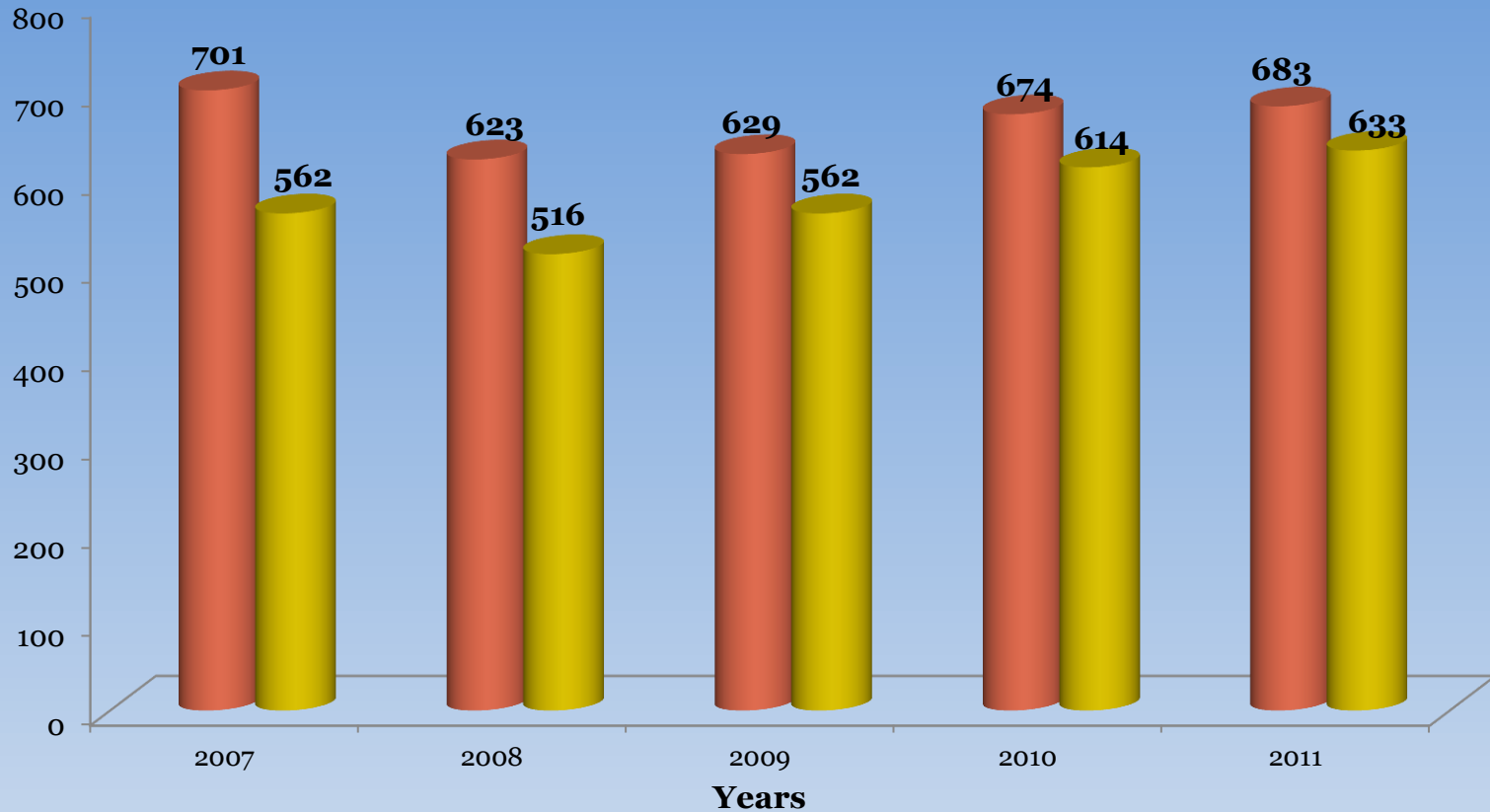
TB/HIV Co-Infection Rate in Prisons 2007 - 2011



■ TB/HIV co-infected rate in prison



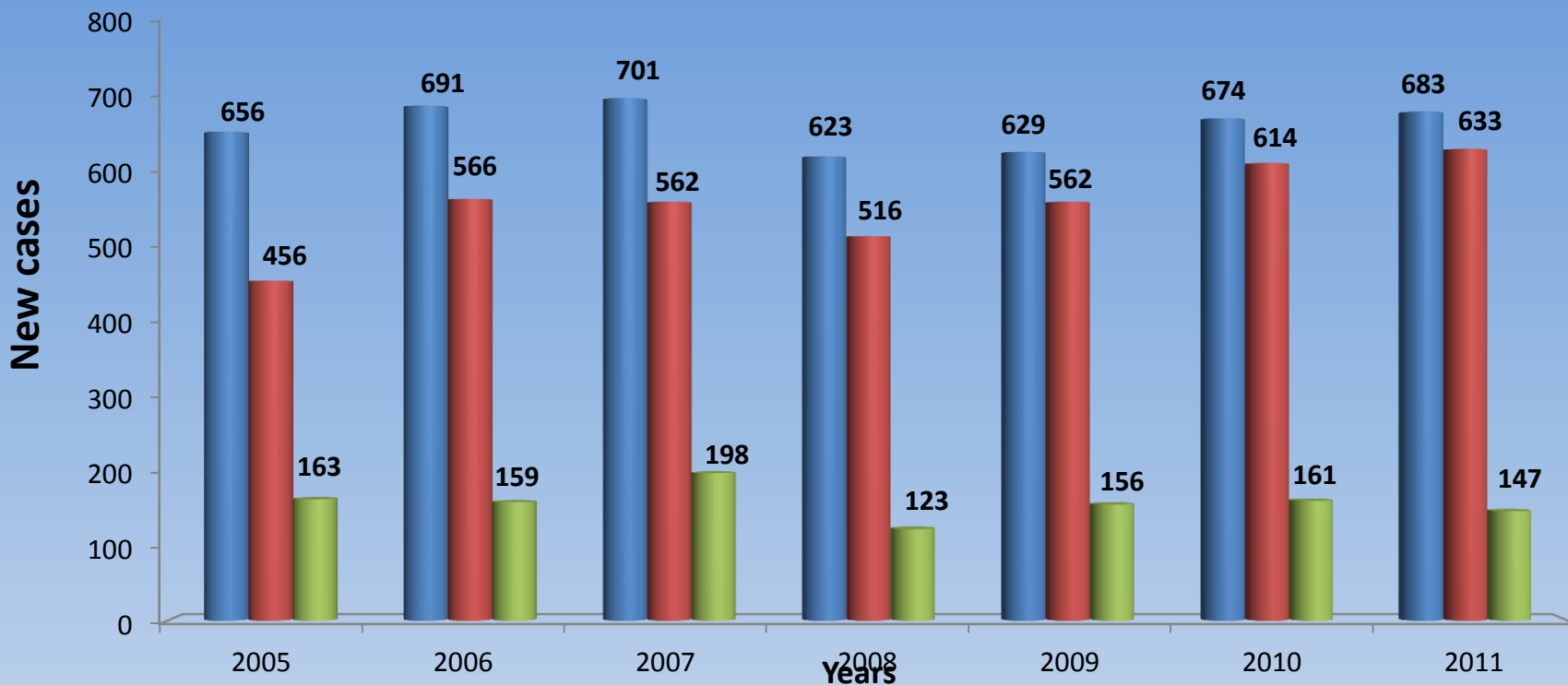
New TB Cases registered and tested for HIV (2007 - 2011)



■ Number of New TB cases registered ■ Number of New TB cases with a HIV result

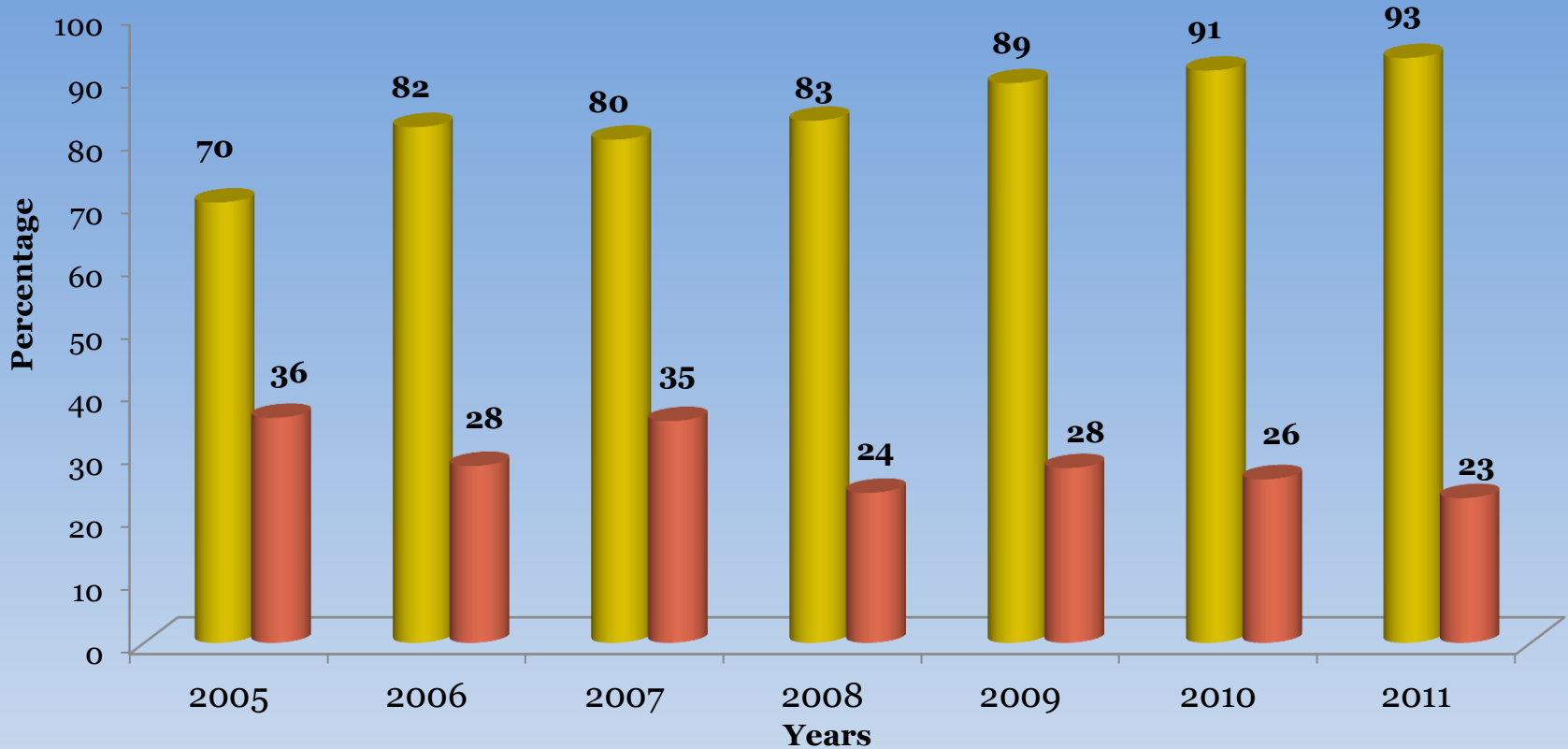


TB/ HIV trends 2005 -2011



	2005	2006	2007	2008	2009	2010	2011
■ Total number of new TB cases	656	691	701	623	629	674	683
■ Number of new TB cases tested for HIV	456	566	562	516	562	614	633
■ Number of new TB cases coinfected with HIV	163	159	198	123	156	161	147

HIV Seroprevalence among TB patients 2005 - 2011



■ Proportion of new TB cases tested for HIV

■ HIV Seroprevalence among TB patients

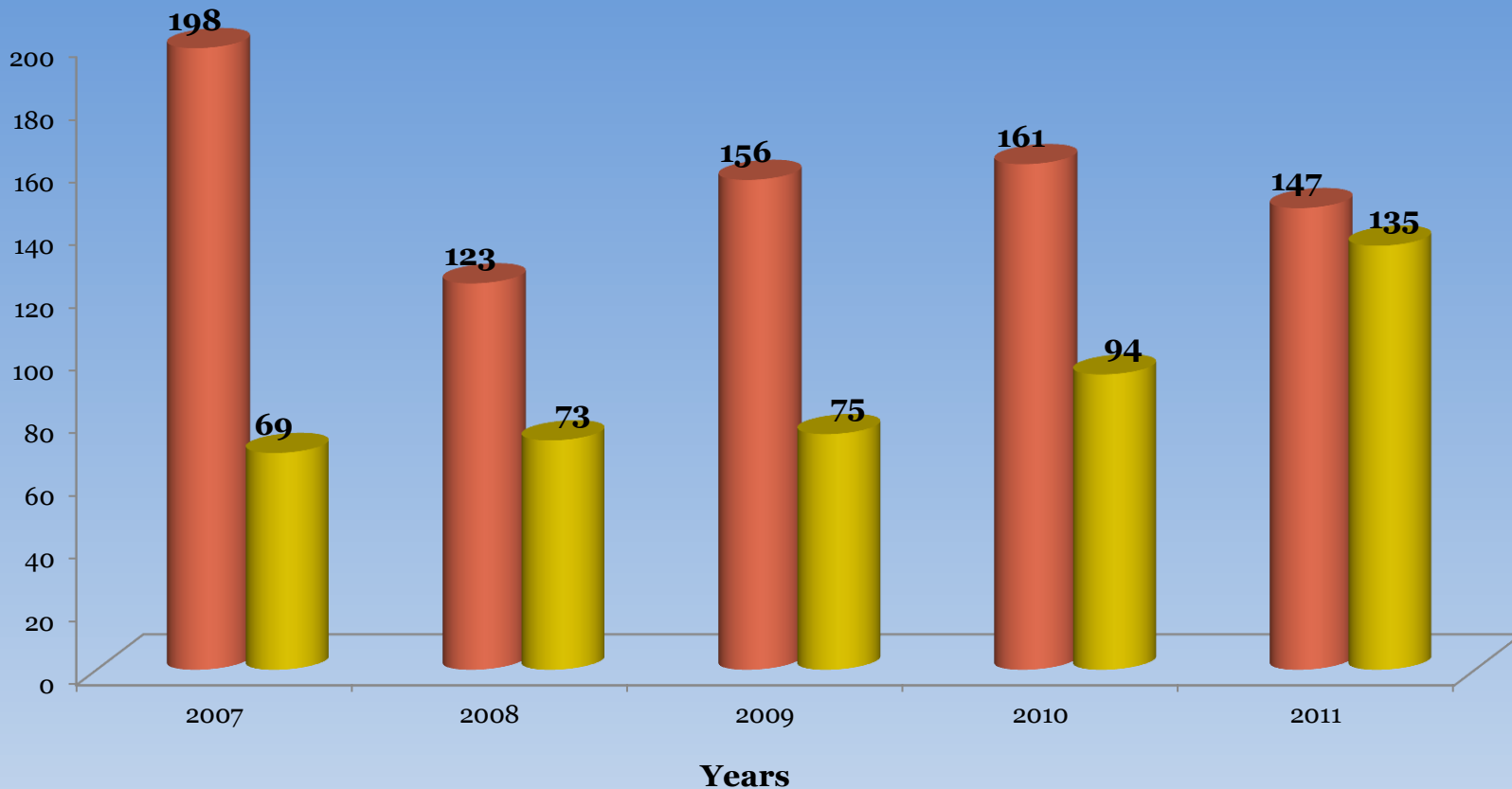


New TB Cases by Region, Tested for HIV and HIV Positive (2011)

Regions	1	2	3	4	5	6	7	8	9	10	Total
<i>New cases registered</i>	19	40	37	399	15	71	17	10	5	70	683
<i>New cases test for HIV</i>	15	31	36	390	15	61	12	5	1	66	633
	79%	76%	97%	98%	83%	88%	65%	50%	20%	94%	93%
<i>New cases HIV +</i>	0	1	5	106	1	24	1	0	0	9	147
<i>HIV + cases on ART</i>	0	0	5	100	1	20	1	0	0	8	135
<i>HIV + cases on CTX</i>	0	1	5	102	1	21	1	0	0	9	140



Number of TB cases co-infected with HIV placed on ARVs (2007 – 2011)



■ Number of Co-infected cases registered ■ Number of co-infected cases placed on ARVs



Guidelines for TB/HIV Co-Infection

- All TB/HIV co-infected patients are managed by the TB programme until cured of TB then referred to HIV/AIDS care and treatment services.
- All TB/HIV co-infected patients are started on ART irrespective of the CD 4 count.
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- ARV treatment are administered as per guidelines- monitoring of patients undertaken by TB program.
- Should Home Based Care be needed, HIV/AIDS care and treatment services are informed.



Bottleneck and Challenges

- High default rate .
- Low socio-economic status, homeless, unemployment
- Migrant population
- Substance abusers
- Slow decentralization of the TB/HIV services into primary health care system.
- Hard to reach population-hinterland with difficult terrain and sparse population.



DOT HAART Initiative

- DOT HAART Training module developed.
- DOT HAART Training ongoing.
- Incentives for outreach workers implementing DOT HAART initiative.
- Pilot project soon to be implemented –DOT HAART mobile reminders.
- PPM initiative with Private hospitals-HIV treatment care facilities.
- Active mobile teams boosted with Social worker, HIV & TB outreach workers.



Role of the Enabler Initiative

- Transportation reimbursement for the less fortunate TB/HIV co-infected patients.
- Hot meals daily during the initial phase of treatment.
- Food hampers/vouchers for all TB/HIV co-infected patients provided by the National AIDS Programme.
- Food supplement given to the TB/HIV co-infected patients who are incarcerated.
- Home based care provided by the National AIDS Programme.
- Skills training for co-infected patients in support group.

Thank You

Guyana