

Epidemiology of STDs in the USVI

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Disclosure of Financial Relationships

This speaker has no significant financial relationships with commercial entities to disclose.

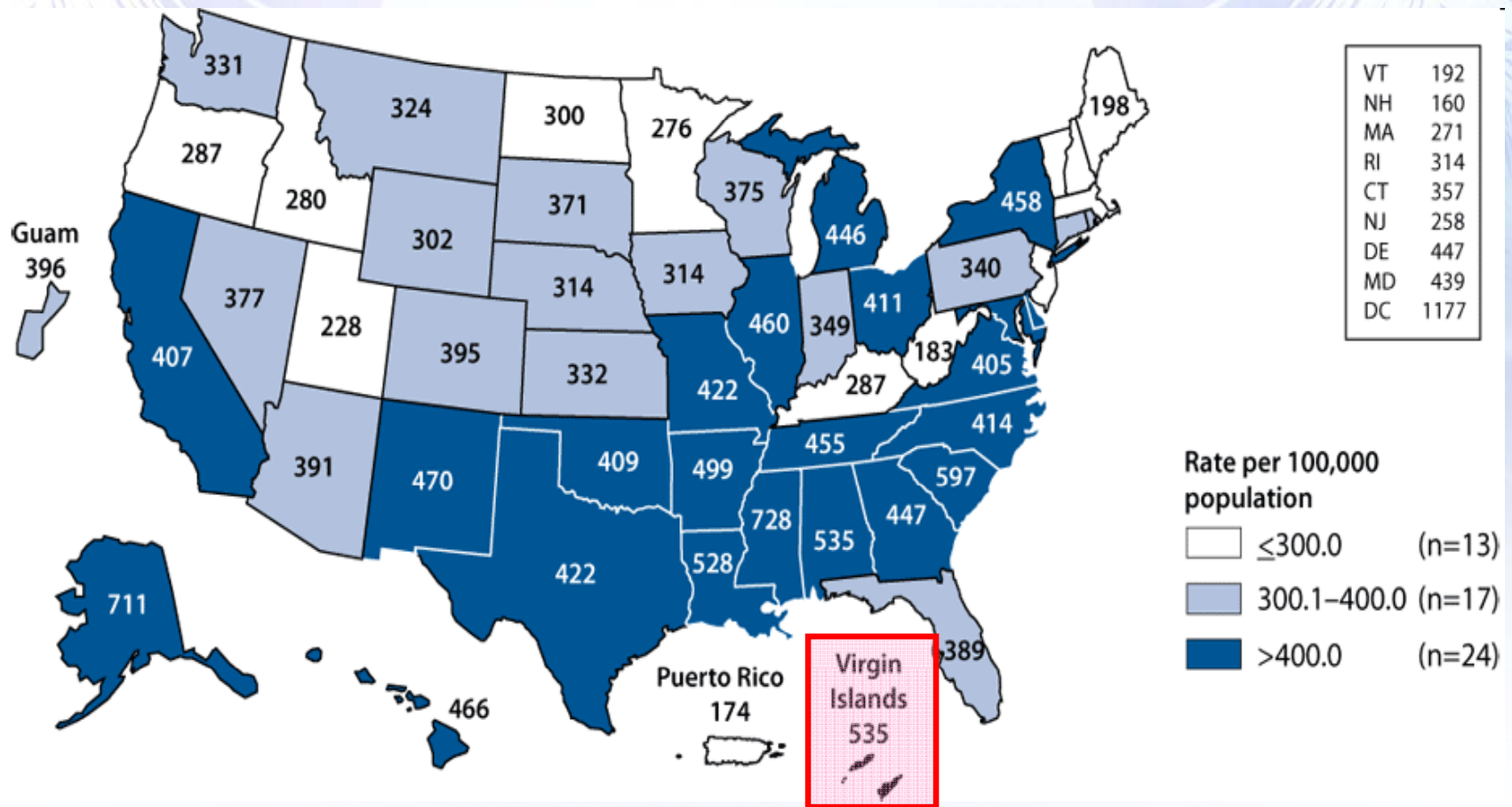
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How extensive is our problem?

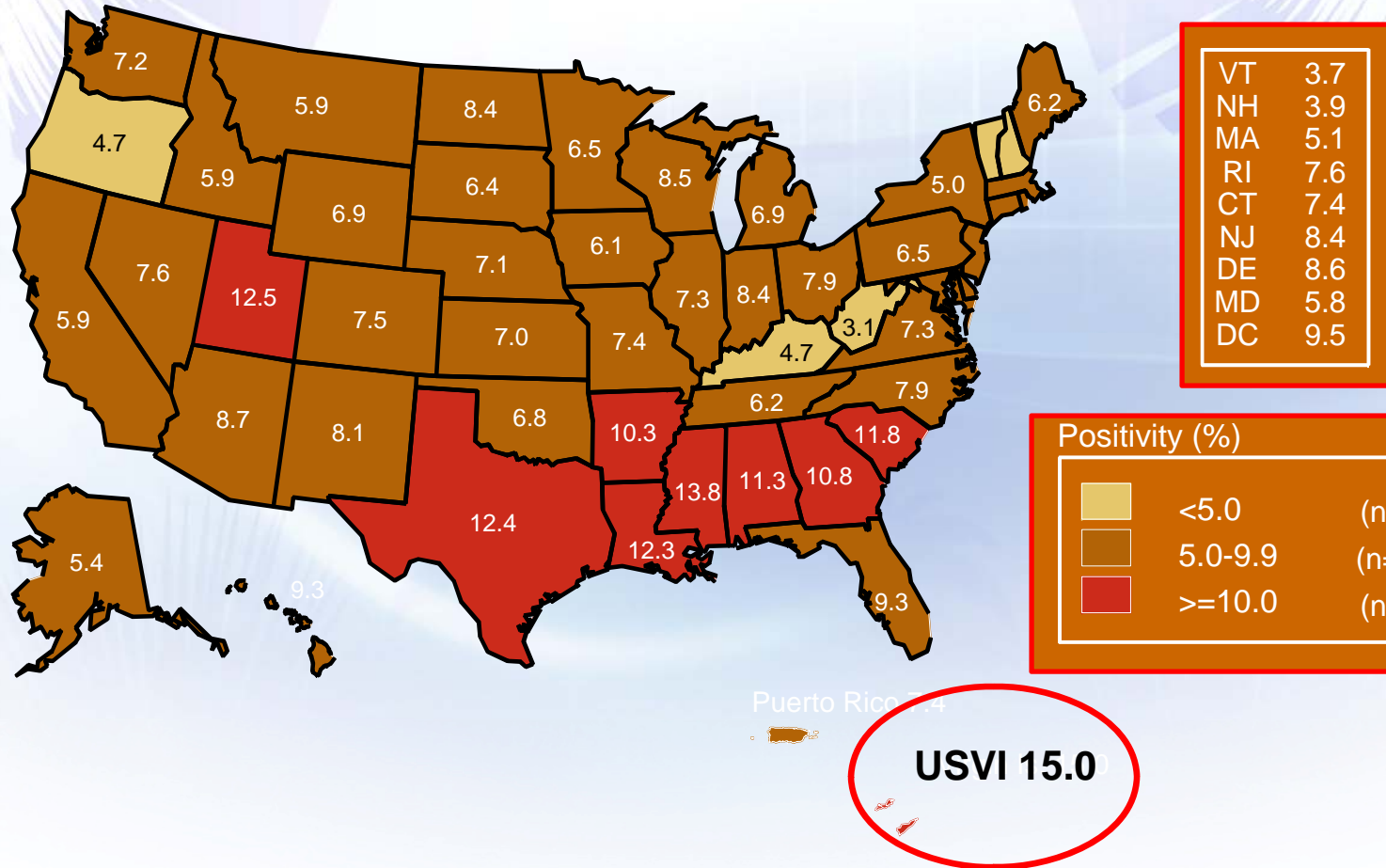
Is there an epidemic?



Chlamydia rates by state/territory, 2008



Chlamydia rates in Family Planning Clinics



Female trends in chlamydia test positivity by age group by year in USVI

Lesson: Also in women <15 and >30

	YEAR			
AGE GROUP	2005	2006	2007	2008
Under 15	17.6%	16.7%	23.1%	13.5%
15-19	20.7%	24.5%	24.2%	22.1%
20-24	16.8%	13.8%	15.1%	15.1%
25-29	11.5%	12.9%	10.4%	11.3%
>29	4.5%	7.7%	4.9%	4.9%
Missing data on age	12.7%	17.1%	12.2%	16.7%
Total	13.1%	15.3%	15.9%	15.3%
National Data (ages 15-24)	6.3%	6.7%	6.9%	7.4%

And it just keeps rising....

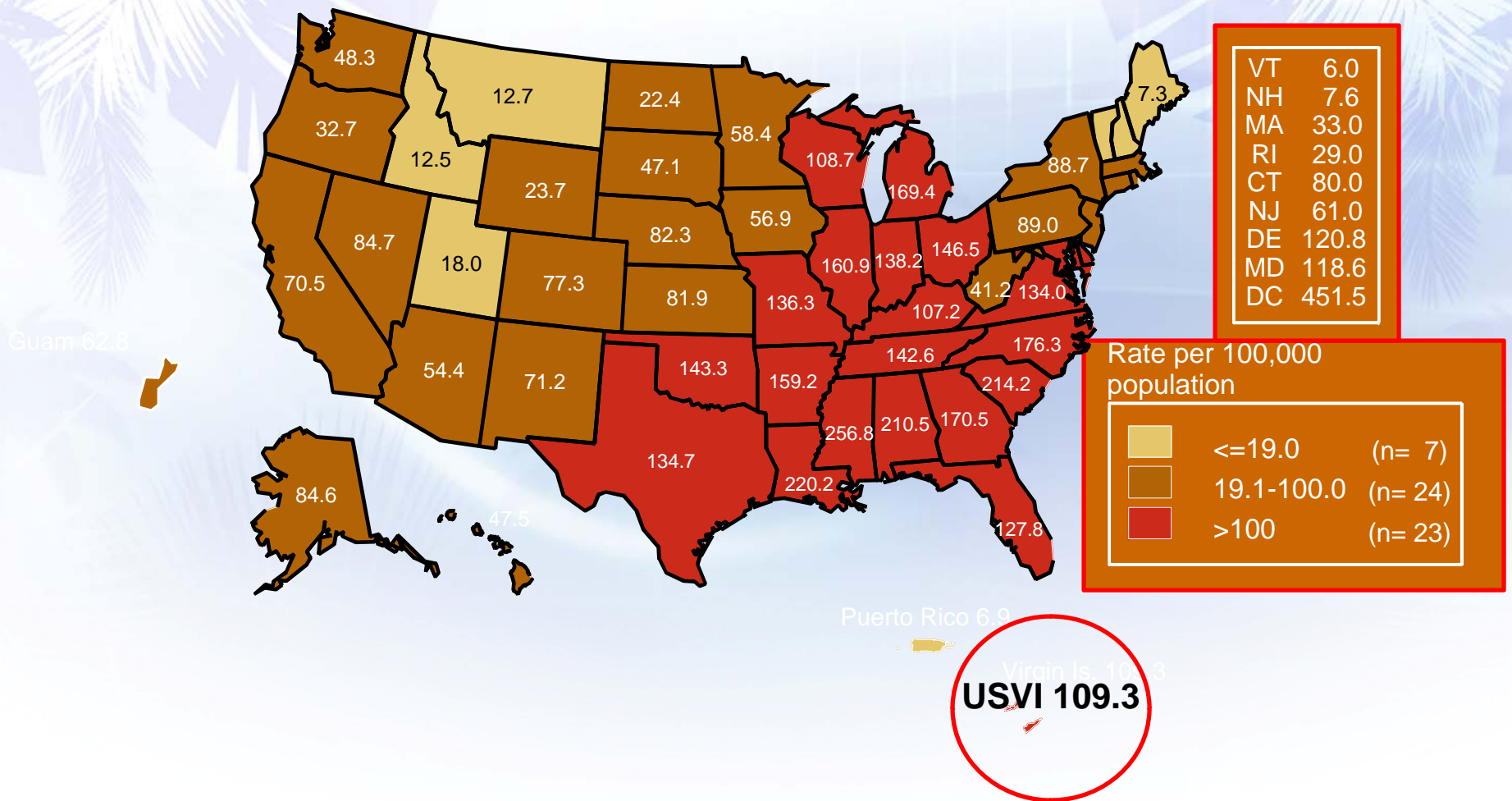
Comparison of numbers of Chlamydia cases reported to the STD Program from first six months of 2007 and 2008

		2007 1 st QUARTER	2007 2 nd QUARTER	2008 1 st QUARTER	2008 2 nd QUARTER
Private	♀ cases	3	8	21	2
Public	♀ cases	59	55	173	52
Total	♀ cases	62	63	194	54
Half year total			125		248
Private	♂ cases	2	1	2	2
Public	♂ cases	13	20	66	0
Total	♂ cases	15	21	68	22
Quarterly TOTAL		77	84	262	76
Half year TOTAL			161		338

What do these numbers mean

- **90% of the USVI epidemiological statistics have been obtained from the limited data available primarily from the Infertility Prevention Project, funded by CDC.**
- **Nationwide, it is estimated that 10% of STDs are diagnosed in public clinics. One of the goals of this conference is to develop a public/private partnership that can more completely assess the burden and distribution of STDs in the USVI.**

Gonorrhea rates by state/territory, 2008



Gonorrhea as well....

Female trends in gonorrhea test positivity by age group
by year in USVI

	YEAR			
AGE GROUP	2005	2006	2007	2008
Under 15	0%	3.3%	10.3%	2.7%
15-19	3.4%	3.1%	3.8%	2.8%
20-24	2.1%	2.3%	3.2%	2.8%
25-29	1.4%	0.8%	1.7%	1.6%
>29	0.1%	0%	1.2%	0.3%
Missing data on age	1.6%	3.9%	0%	3.7%
Total	1.6%	1.9%	3.0%	2.9%
National Data (ages 15-24)	1.0%	1.1%	0.9%	0.9%

Everything starts somewhere....

Trends of gonorrhoea in men 2003-2007

Age group		2003	2004	2005	2006	2007
10-14	# cases	0	0	0	0	0
	Case rate					
15-19	#case	9	3	8	2	1
	Case rate	223	74	198	50	25
20-24	# cases	6	11	9	3	15
	Case rate	249	456	373	42	622
25-29	#cases	5	6	5	5	6
	Case rate	177	213	177	177	213
30-50	# cases	5	8	5	3	0
	Case rate	29	47	29	18	

We need reporting of STD/HIV cases from private practices

- **to determine the accurate disease burden in the USVI in both private and public practices**
- **to identify and control outbreaks early, to inform providers, and thereby to limit disease spread**