



Ethekwini District MDR TB - House Hold Contact Investigation



18 September 2015
S Fynn
CDC/TB Co ordinator



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Outline of presentation



- Background/rationale
- Definitions
- Brief Overview of Ethekekwini District
- Resources
- Implementation plan



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Background/rationale



- ❑ Diagnostic delay is increasingly recognized as an impediment to effective TB control
- ❑ Ready to enter a new phase of MDR-TB control.
- ❑ Intensified case finding minimizes impact of TB in PLHIV, and contact investigation is a targeted approach to intensified case finding
- ❑ Because of the high risk of children <5 years of age for TB, contact investigation may result in early detection of disease and identify candidates for treatment of LTBI per WHO recommendations
- ❑ Contact Investigation MDR-TB cases **may** be effective for reducing the ongoing transmission of DR strains of *M. TB* in a community



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Definitions....



- ❑ **H/H contact** : person who shared same enclosed living space for one or more nights **or** for frequent or extended periods during the day with the index case – 3/12 prior commencement of the current treatment episode.
- **Contact investigation:** A systematic process intended to identify previously undiagnosed cases of TB among the contacts of an index case.

WHO. Recommendations for investigating contacts of persons with infectious TB in low- and middle-income countries 2012.



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Strengths



- Experienced workforce
- Support from Provincial and District management
- Availability of Guidelines/policies
- Partnership support – eg SA Red cross, USAID URC, IRD, MaTCH +++++
- Community support structures, WBOT, ISHP, CCG's, NGO's, CBO's



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Team composition

- Prof Nurse and/or Enrolled Nurse
- TB Tracer/assistant
- CCG's

Target (MDR-TB)

- 90% H/H contacts screened
- 90% tested positive initiated on Rx
- 90% treatment success rate.

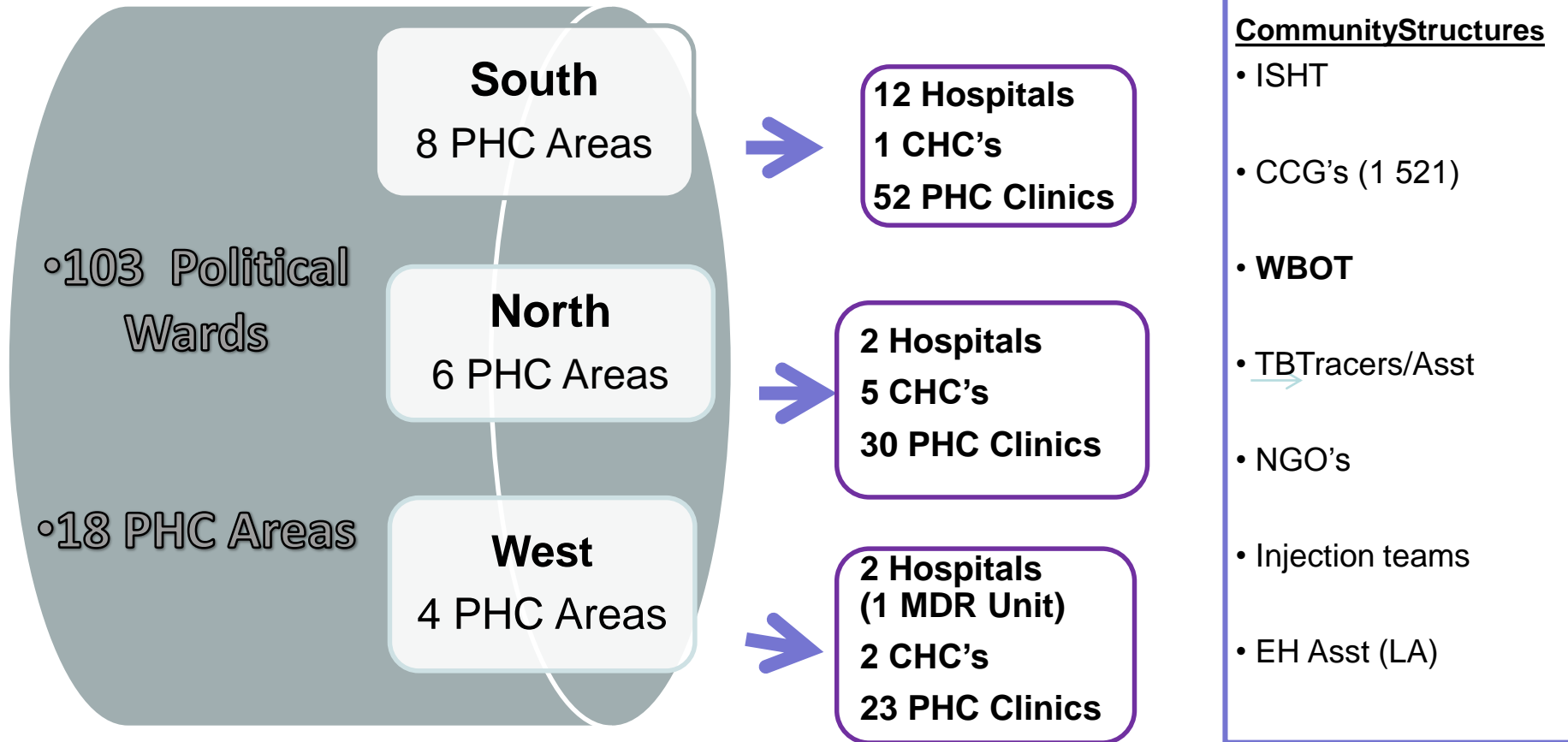


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Ethekwini District overview



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WEST SUB DISTRICT		TB Asst/tracers	WBORT	CCG's	School Health team
WAF	Area 1				
2	Maphephetheni Clinic	2	1	74	1
3	Qadi Clinic	4		31	1
8	Don Mackenzie Hosp			34	
8	Halley Stott Clinic	1	1		1
9	Waterfall Clinic			31	
9	Molweni Clinic	1	1		1
9	KwaNgcolosi Clinic	1	1		1
19	Kwa Dabeka CHC		1	35	1
19	Wyebank Clinic				
WAF	Area 2				
6	Hlengisizwe CHC	0	1	27	1
4	Fredville Clinic	1	1		1
6	Mpumalanga Clinic	2	1		1
7	Msunduzi Clinic	1	1	32	1
7	Peaceville Clinic	3	1		1
7	Ntshongweni Clinic	1	1		1
WAF	Area 3				
10	Kloof Clinic				
12	KwaNdengezi Clinic	2	1	16	1
13	Zwelibomvu Clinic	1	1	8	1
14	<i>Dassenhoek</i>			8	
15	St Marys (SA) Hosp				
15	Mpola Clinic			12	
15	Tshelimnyama Clinic				
15	Marian Ridge Clinic				
16	<i>Nagina, Mzamo area</i>			7	
21	Clermont Clinic	2	1	12	1
21	New Germany Clinic				
WAF	Area 4			97	
18	Pine Town Clinic			10	
24	Medium A Prison				
23	Resevor Hills Clinic			16	
24	Medium B Prison				
63	Queensburgh Clinic				
18	Westville Clinic				
24	Medium C Prison				
24	Medium D Prison				
24	Medium E Prison				
92	<i>Mpola area</i>			26	
##	<i>Mount Royale</i>			12	
##	<i>Cliffdale, Inchanga</i>			19	
17	<i>Klaarwater, St Wendolins</i>			14	



Implementation Plan

- Development of SOP
- Mapping of health establishments & community support
- I/D of stakeholders
- Training
- Phased approach



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Activities – at H/H

- Health Education on:
 - Signs and symptoms of TB, HIV&AIDS, Diabetes, RTH
 - TB infection prevention and control
 - Nutrition
 - Lifestyle changes eg alcohol abuse & smoking

- Assessment of:
 - Socio economic status
 - Environment (IPC)
 - Risk factors (other diseases)

- Family counselling

- Distribution of IEC Material

- Screening of all house hold contacts (Refer to contact screening algorithms)



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Monitoring & Evaluation



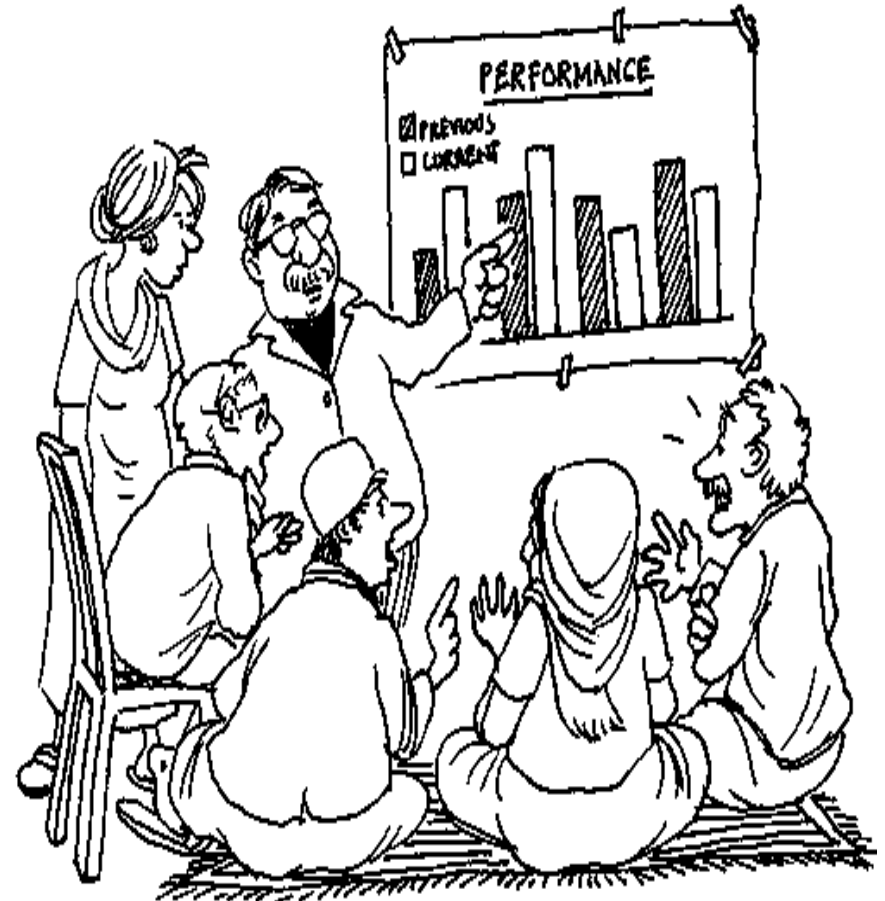
Form 1 – Index case, interview & clinical data

Form 2 – H/H Contact Screening form

Form 3 - Weekly/Monthly Reporting Template

Form 4 – M & E Check List

M&E Committee



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Reporting timelines



- WBOT; Daily reporting
- WBOT; Leader Weekly
- TB Focal Person; Monthly



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Acknowledgement

- USAID – URC
- PDOH
- Ethekwini District TB Management Team
- Ethekwini Metro



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REMEMBER MORE INFORMATION IS USEFUL
ONLY IF IT IS USED!

Thank You



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