health
Department of Health
FREE STATE PROVINCE

Free State Provincial TB Progress Report

1. Demographic Information:

Names of Districts	Population per District	Number of Sub-districts	Number of Facilities (According to DHIS)	Number of reporting units that rendering TB services (As in the ETR.Net)	Reporting Units (ETR.Net) excluding decommissioned units	Number of Laboratories offering TB services	Number of Culture & DST* services	Number of Facilities implementing TB/HIV integrated services
Xhariep	142 607	3	36	42	38	0	0	37
Motheo	813 576	3	84	90	81	2	1	87
Lejweleputswa	694 198	5	71	82	79	1	0	71
Thabo Mofutsanyana	767 676	5	87	102	96	2	0	96
Fezile Dabi	499 870	4	56	76	59	1	0	57
Free State	**[1]2 917 927**	**20**	**334**	**392**	**353**	**6**	**1**	**348**

** DST = Drug Susceptibility Testing*

Distribution of Health Facilities *(Rendering TB Services – the total of these needs to tally the above 'number of facilities – rendering TB services')*

Names of Districts	Number of Clinics *(incl Satellite Clinics)*	Number of Mobiles	Number of CHC's	Number of Public Hospitals	Number of NGO Facilities	Number of Private Facilities	Number of **other facilities	Number of MDR-TB units	Total
Xhariep	16	20	2	3	0	0	2	0	43
Motheo	53	13	2	7	0	0	7	1	83
Lejweleputswa	46	8	1	6	0	0	10	1	72
Thabo Mofutsanyana	64	19	1	10	0	0	2	0	96
Fezile Dabi	35	16	5	6	0	1	8	0	71
Free State	**214**	**76**	**11**	**32**	**0**	**1**	**29**	**2**	**365**

*** Other includes: Correctional Services; Mines and SAMS (SANDF)*

Comment:

- Bloemfontein, Botshabelo and Bloemfontein forms the new Mangaung Metro, The Mangaung Metro will be a stand-alone district replacing Motheo district without the two local areas Mantsopa and Naledi. The two local areas will be added to Thabo Mofutsanyana and Xhariep respectively.

[1] Population figure according to HISP midyear estimates 2011

Suspects:

Total number of outpatients attendance (Headcount) (>5 years)	4/2011		1/2012		2/2012	
	Number	%	Number	%	Number	%
	1,696,078		1,651,203		2,309,428	
Number (%) screened people	-	-	-	-	-	-
Number *(%)* suspects	43,244	3%	63,184	3.8%	93,781	4.1%
Number (%) suspects tested	34,037	79%	31,837	50.4%	28,636	30.5%
Number *(%)* positive	2,848	8.4%	3,243	10.2%	2,910	10.2%
Number *(%)* on treatment	2,498	88%	2,518	77.6%	2,288	78.6%
Number died before treatment started	55	1.9%	67	2.1%	92	3.2%
SS+ primary defaulters	119	4%	145	4.5%	123	4.2%

Comment:

- Low reporting rate influence the information negatively.
- No information of what happened to 407 (14%) of the patients we could not account for as districts did not indicate it.
- Monitoring of intensified case finding is difficult as a result of use of several tools to collect the data. The provincial office updated the facility TB information record keeping system to incorporate intensified case finding data monthly.

a. Case Findings:

Case Finding Summary by Quarter
All TB Cases, distributed by Disease Type

FREE STATE Quarter 3 of 2011 to Quarter 2 of 2012

Quarter	PTB								Bact Coverage	EPTB		Total	
	Smear +		Smear -		No Smear		Total						
	n	%	N	%	N	%	N	%		N	%	N	%
2011/3	2843	53.6%	1153	21.7%	1312	24.7%	5308	100.0%	82.4%	821	13.4%	6129	100.0%
2011/4	2596	52.9%	1119	22.8%	1196	24.4%	4911	100.0%	83.4%	823	14.4%	5734	100.0%
2012/1	2554	54.6%	907	19.4%	1214	26.0%	4675	100.0%	81.5%	720	13.3%	5395	100.0%
2012/2	1820	54.4%	604	18.1%	921	27.5%	3345	100.0%	80.0%	571	14.6%	3916	100.0%
Total	9813	53.8%	3783	20.7%	4643	25.5%	18239	100.0%	82.0%	2935	13.9%	21174	100.0%

Case Finding Summary by Quarter
All TB Cases distributed by Category

FREE STATEQuarter 3 of 2011 to Quarter 2 of 2012

Quarter	New Cases		Relapses		After default		After failure		All other ReRx cases		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
2011/3	5252	85.7%	496	8.1%	75	1.2%	51	0.8%	255	4.2%	6129	100.0%
2011/4	4950	86.3%	412	7.2%	45	0.8%	70	1.2%	257	4.5%	5734	100.0%
2012/1	4704	87.2%	364	6.7%	47	0.9%	49	0.9%	231	4.3%	5395	100.0%
2012/2	3541	90.4%	194	5.0%	26	0.7%	39	1.0%	116	3.0%	3916	100.0%
Total	18447	87.1%	1466	6.9%	193	0.9%	209	1.0%	859	4.1%	21174	100.0%

Case Finding Summary by Quarter
New Cases, distributed by Age and Gender

FREE STATE Quarter 3 of 2011 to Quarter 2 of 2012

Quarter	0-4		5-14		15-24		25-34		35-44		45-54		55-64		65-74		>74		Total	Males		Females	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		N	%	N	%
2011/3	-	0.0%	66	2.8%	345	14.5%	706	29.7%	651	27.4%	415	17.5%	142	6.0%	37	1.6%	15	0.6%	2377	1304	54.9%	1073	45.1%
2011/4	5	0.2%	64	2.9%	341	15.7%	624	28.7%	606	27.8%	356	16.3%	137	6.3%	32	1.5%	13	0.6%	2178	1192	54.7%	986	45.3%
2012/1	8	0.4%	48	2.2%	335	15.3%	613	27.9%	604	27.5%	374	17.0%	147	6.7%	43	2.0%	23	1.0%	2195	1249	56.9%	946	43.1%
2012/2	2	0.1%	34	2.1%	260	15.8%	454	27.6%	428	26.0%	287	17.5%	131	8.0%	32	1.9%	16	1.0%	1644	928	56.4%	716	43.6%
Total	15	0.2%	212	2.5%	1281	15.3%	2397	28.6%	2289	27.3%	1432	17.1%	557	6.6%	144	1.7%	67	0.8%	8394*	4673	55.7%	3721	44.3%
Total Males	12	0.3%	78	1.7%	524	11.2%	1251	26.8%	1385	29.6%	946	20.2%	379	8.1%	73	1.6%	25	0.5%	4673				
Total Females	3	0.1%	134	3.6%	757	20.3%	1146	30.8%	904	24.3%	486	13.1%	178	4.8%	71	1.9%	42	1.1%	3721				

Case Finding Summary by Quarter
New Cases, distributed by Age and Gender

FREE STATE Quarter 2 of 2011 to Quarter 1 of 2012

Quarter	0-4		5-14		15-24		25-34		35-44		45-54		55-64		65-74		>74		Total	Males		Females	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		N	%	N	%
2011/2	8	0.4%	43	2.3%	279	14.7%	506	26.7%	495	26.1%	397	20.9%	119	6.3%	33	1.7%	16	0.8%	1896	1032	54.4%	864	45.6%
2011/3	-	0.0%	66	2.8%	342	14.6%	699	29.8%	638	27.2%	412	17.5%	140	6.0%	36	1.5%	15	0.6%	2348	1289	54.9%	1059	45.1%
2011/4	5	0.2%	63	2.9%	338	15.8%	612	28.6%	590	27.6%	349	16.3%	136	6.4%	32	1.5%	13	0.6%	2138	1165	54.5%	973	45.5%
2012/1	8	0.4%	38	2.0%	313	16.1%	538	27.7%	538	27.7%	321	16.5%	129	6.6%	40	2.1%	15	0.8%	1940	1097	56.5%	843	43.5%
Total	21	0.3%	210	2.5%	1272	15.3%	2355	28.3%	2261	27.2%	1479	17.8%	524	6.3%	141	1.7%	59	0.7%	8322*	4583	55.1%	3739	44.9%
Total Males	17	0.4%	87	1.9%	529	11.5%	1186	25.9%	1370	29.9%	961	21.0%	342	7.5%	70	1.5%	21	0.5%	4583				
Total Females	4	0.1%	123	3.3%	743	19.9%	1169	31.3%	891	23.8%	518	13.9%	182	4.9%	71	1.9%	38	1.0%	3739				

Case Finding Summary by Unit
All TB Cases, distributed by Disease Type

FREE STATE Quarter 2 of 2012

Units	PTB								Bact Coverage	EPTB		Total	
	Smear +		Smear -		No Smear		Total						
	n	%	N	%	N	%	N	%		N	%	N	%
DIHLABENG	89	53.0%	54	32.1%	25	14.9%	168	100.0%	98.6%	23	12.0%	191	100.0%
KOPANONG	27	75.0%	6	16.7%	3	8.3%	36	100.0%	94.3%	6	14.3%	42	100.0%
LETSEMENG	30	53.6%	12	21.4%	14	25.0%	56	100.0%	82.4%	3	5.1%	59	100.0%
MAFUBE	15	31.9%	24	51.1%	8	17.0%	47	100.0%	84.8%	7	13.0%	54	100.0%
MALUTI A PHOFUNG	192	63.0%	55	18.0%	58	19.0%	305	100.0%	88.2%	40	11.6%	345	100.0%
MANGAUNG	383	41.1%	174	18.7%	375	40.2%	932	100.0%	66.8%	261	21.9%	1193	100.0%
MANTSOPA	36	58.1%	8	12.9%	18	29.0%	62	100.0%	81.5%	1	1.6%	63	100.0%
MASILONYANA	46	79.3%	5	8.6%	7	12.1%	58	100.0%	100.0%	-	0.0%	58	100.0%
MATJHABENG	448	66.2%	63	9.3%	166	24.5%	677	100.0%	82.8%	88	11.5%	765	100.0%
METSIMAHOLO	76	54.7%	18	12.9%	45	32.4%	139	100.0%	70.7%	38	21.5%	177	100.0%
MOHOKARE	16	17.0%	63	67.0%	15	16.0%	94	100.0%	91.9%	10	9.6%	104	100.0%
MOQHAKA	148	60.2%	42	17.1%	56	22.8%	246	100.0%	80.9%	36	12.8%	282	100.0%
NALA	79	70.5%	13	11.6%	20	17.9%	112	100.0%	89.3%	14	11.1%	126	100.0%
NALEDI	10	43.5%	2	8.7%	11	47.8%	23	100.0%	80.0%	4	14.8%	27	100.0%
NGWATHE	89	57.8%	19	12.3%	46	29.9%	154	100.0%	76.6%	15	8.9%	169	100.0%
NKETOANA	15	93.8%	1	6.3%	-	0.0%	16	100.0%	100.0%	-	0.0%	16	100.0%
PHUMELELA	27	77.1%	7	20.0%	1	2.9%	35	100.0%	97.1%	-	0.0%	35	100.0%
SETSOTO	49	43.0%	30	26.3%	35	30.7%	114	100.0%	81.4%	19	14.3%	133	100.0%
TOKOLOGO	12	75.0%	-	0.0%	4	25.0%	16	100.0%	92.3%	4	20.0%	20	100.0%
TSWELOPELE	33	60.0%	8	14.5%	14	25.5%	55	100.0%	97.6%	2	3.5%	57	100.0%
Total	1820	54.4%	604	18.1%	921	27.5%	3345	100.0%	80.0%	571	14.6%	3916	100.0%

Case Finding Summary by Unit
All TB Cases distributed by Category

FREE STATE Quarter 2 of 2012

Units	New Cases		Relapses		After default		After failure		All other ReRx cases		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	633	92.8%	32	4.7%	4	0.6%	8	1.2%	5	0.7%	682	100.0%
LEJWELEPUTSWA	953	92.9%	51	5.0%	3	0.3%	9	0.9%	10	1.0%	1026	100.0%
MOTHEO DM	1091	85.0%	81	6.3%	16	1.2%	16	1.2%	79	6.2%	1283	100.0%
THABO MOFUTSANYANA	696	96.7%	14	1.9%	2	0.3%	5	0.7%	3	0.4%	720	100.0%
XHARIEP DM	168	82.0%	16	7.8%	1	0.5%	1	0.5%	19	9.3%	205	100.0%
Total	3541	90.4%	194	5.0%	26	0.7%	39	1.0%	116	3.0%	3916	100.0%

Case Finding Summary by Unit
All TB Cases distributed by Category

FREE STATE Quarter 1 of 2012

Units	New Cases		Relapses		After default		After failure		All other ReRx cases		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	733	90.6%	62	7.7%	2	0.2%	5	0.6%	7	0.9%	809	100.0%
LEJWELEPUTSWA	1306	86.3%	142	9.4%	10	0.7%	16	1.1%	39	2.6%	1513	100.0%
MOTHEO DM	1548	83.9%	103	5.6%	24	1.3%	22	1.2%	148	8.0%	1845	100.0%
THABO MOFUTSANYANA	866	94.3%	28	3.1%	8	0.9%	6	0.7%	10	1.1%	918	100.0%
XHARIEP DM	251	81.0%	29	9.4%	3	1.0%	-	0.0%	27	8.7%	310	100.0%
Total	4704	87.2%	364	6.7%	47	0.9%	49	0.9%	231	4.3%	5395	100.0%

Case Finding Summary by Unit
All TB Cases distributed by Category

FREE STATE Quarter 1-4 of 2011

Units	New Cases		Relapses		After default		After failure		All other ReRx cases		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	2763	86.3%	295	9.2%	30	0.9%	47	1.5%	66	2.1%	3201	100.0%
LEJWELEPUTSWA DM	5122	83.3%	793	12.9%	45	0.7%	42	0.7%	150	2.4%	6152	100.0%
MOTHEO DM	6415	83.2%	511	6.6%	151	2.0%	90	1.2%	542	7.0%	7709	100.0%
THABO MOFUTSANYANA	3997	93.7%	146	3.4%	27	0.6%	29	0.7%	68	1.6%	4267	100.0%
XHARIEP DM	1241	81.5%	64	4.2%	22	1.4%	8	0.5%	187	12.3%	1522	100.0%
Total	19538	85.5%	1809	7.9%	275	1.2%	216	0.9%	1013	4.4%	22851	100.0%

Case Finding Summary by Unit
All TB Cases distributed by Category

FREE STATE Quarter 1-4 of 2010

Units	New Cases		Relapses		After default		After failure		All other ReRx cases		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	3124	86.0%	348	9.6%	35	1.0%	41	1.1%	86	2.4%	3634	100.0%
LEJWELEPUTSWA	5421	81.0%	992	14.8%	63	0.9%	77	1.1%	143	2.1%	6696	100.0%
MOTHEO DM	6723	84.5%	450	5.7%	136	1.7%	70	0.9%	574	7.2%	7953	100.0%
THABO MOFUTSANYANA	4306	90.7%	280	5.9%	31	0.7%	47	1.0%	83	1.7%	4747	100.0%
XHARIEP DM	1172	81.4%	130	9.0%	28	1.9%	20	1.4%	90	6.3%	1440	100.0%
Total	20746	84.8%	2200	9.0%	293	1.2%	255	1.0%	976	4.0%	24470	100.0%

Comment:

- Motheo district structure will change as Mangaung metro will form a standalone district called Mangaung.
- Motheo district is representing 33% and Lejweleputswa district 26% respectably of Free State's case finding data, with Mangaung Metro representing 93% of Motheo district's TB caseload for the second quarter.

Achievement:

- XPert MTB/RIF examination started 11 May 2012 in Pelonomi laboratory (Bloemfontein). Maluti a Phofung local area is the only area in the Free State that is not accessing the GeneXpert machines for TB sputum testing.

Challenges:

- Case Finding has decreased generally in all the 5 districts. Follow up will be done to ensure that all cases to be captured.
- Bacteriological coverage decreased and a follow-up in-service training will be done to ensure the taking of sputa to identify infectious and monitor TB.
- Follow-up if all TB patients that are diagnosed and started on TB treatment within the ART services are captured.

Smear Conversion Rates:

Sputum Conversion Summary by Quarter
New Cases

FREE STATE Quarter 2 of 2011 to Quarter 1 of 2012

Quarter	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
2011/2	1380	72.2%	236	12.3%	72	3.8%	138	7.2%	60	3.1%	26	1.4%	1912	100.0%
2011/3	1749	73.5%	279	11.7%	113	4.7%	147	6.2%	59	2.5%	34	1.4%	2381	100.0%
2011/4	1625	73.7%	253	11.5%	121	5.5%	91	4.1%	76	3.4%	38	1.7%	2204	100.0%
2012/1	1630	72.8%	271	12.1%	161	7.2%	85	3.8%	70	3.1%	21	0.9%	2238	100.0%
Total	6384	73.1%	1039	11.9%	467	5.3%	461	5.3%	265	3.0%	119	1.4%	8735	100.0%

Sputum Conversion Summary by Quarter

Retreated Cases

FREE STATE Quarter 2 of 2011 to Quarter 1 of 2012

Quarter	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
2011/2	298	79.3%	23	6.1%	10	2.7%	27	7.2%	7	1.9%	11	2.9%	376	100.0%
2011/3	372	75.9%	24	4.9%	33	6.7%	23	4.7%	18	3.7%	20	4.1%	490	100.0%
2011/4	296	70.1%	29	6.9%	36	8.5%	35	8.3%	10	2.4%	16	3.8%	422	100.0%
2012/1	238	65.6%	32	8.8%	54	14.9%	21	5.8%	8	2.2%	10	2.8%	363	100.0%
Total	1204	72.9%	108	6.5%	133	8.1%	106	6.4%	43	2.6%	57	3.5%	1651	100.0%

Sputum Conversion Summary by Unit
New Cases

FREE STATE Quarter 1 of 2012

Units	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
DIHLABENG	62	75.6%	3	3.7%	-	0.0%	6	7.3%	11	13.4%	-	0.0%	82	100.0%
KOPANONG	28	82.4%	2	5.9%	2	5.9%	2	5.9%	-	0.0%	-	0.0%	34	100.0%
LETSEMENG	32	72.7%	4	9.1%	6	13.6%	1	2.3%	-	0.0%	1	2.3%	44	100.0%
MAFUBE	18	66.7%	2	7.4%	2	7.4%	4	14.8%	1	3.7%	-	0.0%	27	100.0%
MALUTI A PHOFUNG	175	78.1%	32	14.3%	2	0.9%	11	4.9%	3	1.3%	1	0.4%	224	100.0%
MANGAUNG	306	68.2%	52	11.6%	39	8.7%	23	5.1%	22	4.9%	7	1.6%	449	100.0%
MANTSOPA	29	72.5%	5	12.5%	3	7.5%	-	0.0%	3	7.5%	-	0.0%	40	100.0%
MASILONYANA	36	72.0%	11	22.0%	1	2.0%	2	4.0%	-	0.0%	-	0.0%	50	100.0%
MATJHABENG	373	70.9%	62	11.8%	53	10.1%	11	2.1%	20	3.8%	7	1.3%	526	100.0%
METSIMAHOLO	86	83.5%	12	11.7%	-	0.0%	2	1.9%	2	1.9%	1	1.0%	103	100.0%
MOHOKARE	12	70.6%	2	11.8%	1	5.9%	2	11.8%	-	0.0%	-	0.0%	17	100.0%
MOQHAKA	128	83.7%	13	8.5%	3	2.0%	7	4.6%	2	1.3%	-	0.0%	153	100.0%
NALA	82	74.5%	16	14.5%	4	3.6%	5	4.5%	1	0.9%	2	1.8%	110	100.0%
NALEDI	10	83.3%	-	0.0%	1	8.3%	-	0.0%	-	0.0%	1	8.3%	12	100.0%
NGWATHE	72	70.6%	21	20.6%	9	8.8%	-	0.0%	-	0.0%	-	0.0%	102	100.0%
NKETOANA	33	55.0%	3	5.0%	21	35.0%	1	1.7%	2	3.3%	-	0.0%	60	100.0%
PHUMELELA	22	78.6%	6	21.4%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	28	100.0%
SETSOTO	83	79.0%	4	3.8%	11	10.5%	5	4.8%	2	1.9%	-	0.0%	105	100.0%
TOKOLOGO	14	66.7%	5	23.8%	2	9.5%	-	0.0%	-	0.0%	-	0.0%	21	100.0%
TSWELOPELE	29	56.9%	16	31.4%	1	2.0%	3	5.9%	1	2.0%	1	2.0%	51	100.0%
Total	1630	72.8%	271	12.1%	161	7.2%	85	3.8%	70	3.1%	21	0.9%	2238	100.0%

Sputum Conversion Summary by Unit
Retreated Cases

FREE STATE Quarter 1 of 2012

Units	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
DIHLABENG	6	75.0%	-	0.0%	-	0.0%	1	12.5%	1	12.5%	-	0.0%	8	100.0%
KOPANONG	7	70.0%	1	10.0%	2	20.0%	-	0.0%	-	0.0%	-	0.0%	10	100.0%
LETSEMENG	6	85.7%	1	14.3%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	7	100.0%
MAFUBE	8	88.9%	-	0.0%	-	0.0%	1	11.1%	-	0.0%	-	0.0%	9	100.0%
MALUTI A PHOFUNG	11	73.3%	2	13.3%	1	6.7%	1	6.7%	-	0.0%	-	0.0%	15	100.0%
MANGAUNG	65	55.1%	9	7.6%	28	23.7%	8	6.8%	3	2.5%	5	4.2%	118	100.0%
MANTSOPA	4	66.7%	-	0.0%	1	16.7%	1	16.7%	-	0.0%	-	0.0%	6	100.0%
MASILONYANA	4	57.1%	1	14.3%	1	14.3%	1	14.3%	-	0.0%	-	0.0%	7	100.0%
MATJHABENG	61	67.0%	10	11.0%	8	8.8%	6	6.6%	3	3.3%	3	3.3%	91	100.0%
METSIMAHOLO	11	73.3%	3	20.0%	-	0.0%	-	0.0%	-	0.0%	1	6.7%	15	100.0%
MOHOKARE	5	83.3%	-	0.0%	1	16.7%	-	0.0%	-	0.0%	-	0.0%	6	100.0%
MOQHAKA	16	84.2%	-	0.0%	2	10.5%	1	5.3%	-	0.0%	-	0.0%	19	100.0%
NALA	7	58.3%	1	8.3%	1	8.3%	1	8.3%	1	8.3%	1	8.3%	12	100.0%
NALEDI	1	100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	1	100.0%
NGWATHE	6	46.2%	3	23.1%	4	30.8%	-	0.0%	-	0.0%	-	0.0%	13	100.0%
NKETOANA	-	0.0%	-	0.0%	5	100.0%	-	0.0%	-	0.0%	-	0.0%	5	100.0%
PHUMELELA	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
SETSOTO	9	90.0%	1	10.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	10	100.0%
TOKOLOGO	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%
TSWELOPELE	11	100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	11	100.0%
Total	238	65.6%	32	8.8%	54	14.9%	21	5.8%	8	2.2%	10	2.8%	363	100.0%

Sputum Conversion Summary by Unit
New Cases

FREE STATE Quarter 1 of 2012

Units	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	304	79.0%	48	12.5%	14	3.6%	13	3.4%	5	1.3%	1	0.3%	385	100.0%
LEJWELEPUTSWA	534	70.4%	110	14.5%	61	8.0%	21	2.8%	22	2.9%	10	1.3%	758	100.0%
MOTHEO DM	345	68.9%	57	11.4%	43	8.6%	23	4.6%	25	5.0%	8	1.6%	501	100.0%
THABO MOFUTSANYANA	375	75.2%	48	9.6%	34	6.8%	23	4.6%	18	3.6%	1	0.2%	499	100.0%
XHARIEP DM	72	75.8%	8	8.4%	9	9.5%	5	5.3%	-	0.0%	1	1.1%	95	100.0%
Total	1630	72.8%	271	12.1%	161	7.2%	85	3.8%	70	3.1%	21	0.9%	2238	100.0%

Sputum Conversion Summary by Unit
Retreated Cases

FREE STATE Quarter 1 of 2012

Units	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	41	73.2%	6	10.7%	6	10.7%	2	3.6%	-	0.0%	1	1.8%	56	100.0%
LEJWELEPUTSWA DM	83	68.6%	12	9.9%	10	8.3%	8	6.6%	4	3.3%	4	3.3%	121	100.0%
MOTHEO DM	70	56.0%	9	7.2%	29	23.2%	9	7.2%	3	2.4%	5	4.0%	125	100.0%
THABO MOFUTSANYANA	26	68.4%	3	7.9%	6	15.8%	2	5.3%	1	2.6%	-	0.0%	38	100.0%
XHARIEP DM	18	78.3%	2	8.7%	3	13.0%	-	0.0%	-	0.0%	-	0.0%	23	100.0%
Total	238	65.6%	32	8.8%	54	14.9%	21	5.8%	8	2.2%	10	2.8%	363	100.0%

Sputum Conversion Summary by Unit
New Cases

FREE STATE Quarter 1-4 of 2011

Units	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	909	71.6%	204	16.1%	37	2.9%	81	6.4%	26	2.0%	13	1.0%	1270	100.0%
LEJWELEPUTSWA DM	2003	71.8%	381	13.7%	129	4.6%	159	5.7%	76	2.7%	42	1.5%	2790	100.0%
MOTHEO DM	1534	72.9%	180	8.6%	142	6.7%	90	4.3%	101	4.8%	58	2.8%	2105	100.0%
THABO MOFUTSANYANA	1694	77.6%	230	10.5%	60	2.7%	147	6.7%	34	1.6%	19	0.9%	2184	100.0%
XHARIEP DM	412	83.1%	39	7.9%	14	2.8%	14	2.8%	16	3.2%	1	0.2%	496	100.0%
Total	6552	74.1%	1034	11.7%	382	4.3%	491	5.6%	253	2.9%	133	1.5%	8845	100.0%

Sputum Conversion Summary by Unit
New Cases

FREE STATE Quarter 1-4 of 2010

Units	Still Ongoing						Discontinued						Total	
	Converted		Still positive		No Smear		Died		Transferred		Defaulted			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	979	66.8%	215	14.7%	122	8.3%	105	7.2%	26	1.8%	19	1.3%	1466	100.0%
LEJWELEPUTSWA	2276	78.2%	306	10.5%	90	3.1%	120	4.1%	79	2.7%	39	1.3%	2910	100.0%
MOTHEO DM	1582	71.6%	187	8.5%	167	7.6%	102	4.6%	116	5.2%	56	2.5%	2210	100.0%
THABO MOFUTSANYANA	1655	75.1%	256	11.6%	75	3.4%	153	6.9%	44	2.0%	20	0.9%	2203	100.0%
XHARIEP DM	323	73.7%	29	6.6%	40	9.1%	26	5.9%	13	3.0%	7	1.6%	438	100.0%
Total	6815	73.9%	993	10.8%	494	5.4%	506	5.5%	278	3.0%	141	1.5%	9227	100.0%

Comment:

- Data are submitted late as a result of one local area computers that were not functioning.

Challenges:

- The Free State new smear positive two month conversion rate of 72.8% (with a range Fezile Dabi district 79.0% to Motheo district 60.9%) noticeable decreased from the previous quarter.
- New smear positive not-evaluation average for the Free State is 7.2% with a range of Fezile Dabi district 3.6% to Xhariep district 9.5% that is noticeable below the target of 0%.

Treatment outcomes *(New Smear Positive Cases)*:

Treatment Outcome Summary by Quarter
All TB Cases

FREE STATE Quarter 3 of 2010 to Quarter 2 of 2011

Quarter	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
2010/3	2079	34.8%	2193	36.7%	87	1.5%	865	14.5%	390	6.5%	332	5.6%	23	0.4%	5969	100.0%	31	0.5%
2010/4	2220	34.5%	2455	38.2%	106	1.6%	857	13.3%	427	6.6%	333	5.2%	31	0.5%	6429	100.0%	35	0.5%
2011/1	2035	35.1%	2235	38.6%	110	1.9%	749	12.9%	323	5.6%	291	5.0%	52	0.9%	5795	100.0%	37	0.6%
2011/2	1599	31.5%	2027	40.0%	82	1.6%	739	14.6%	323	6.4%	246	4.9%	54	1.1%	5070	100.0%	34	0.7%
Total	7933	34.1%	8910	38.3%	385	1.7%	3210	13.8%	1463	6.3%	1202	5.2%	160	0.7%	23263	100.0%	137	0.6%

Treatment Outcome Summary by Quarter
New TB Cases

FREE STATE Quarter 3 of 2010 to Quarter 3 of 2011

Quarter	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
2010/3	1698	70.9%	128	5.3%	50	2.1%	273	11.4%	125	5.2%	122	5.1%	-	0.0%	2396	100.0%	14	0.6%
2010/4	1900	73.9%	119	4.6%	56	2.2%	224	8.7%	142	5.5%	125	4.9%	4	0.2%	2570	100.0%	13	0.5%
2011/1	1756	74.8%	116	4.9%	55	2.3%	225	9.6%	86	3.7%	106	4.5%	4	0.2%	2348	100.0%	19	0.8%
2011/2	1337	69.9%	109	5.7%	52	2.7%	227	11.9%	91	4.8%	85	4.4%	11	0.6%	1912	100.0%	21	1.1%
2011/3	1667	70.0%	126	5.3%	58	2.4%	245	10.3%	110	4.6%	130	5.5%	45	1.9%	2381	100.0%	12	0.5%
Total	8358	72.0%	598	5.2%	271	2.3%	1194	10.3%	554	4.8%	568	4.9%	64	0.6%	11607	100.0%	79	0.7%

Treatment Outcome Summary by Quarter
Retreated TB Cases

FREE STATE Quarter 3 of 2010 to Quarter 3 of 2011

Quarter	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
2010/3	369	63.4%	37	6.4%	17	2.9%	67	11.5%	32	5.5%	58	10.0%	2	0.3%	582	100.0%	10	1.7%
2010/4	305	61.9%	37	7.5%	27	5.5%	51	10.3%	24	4.9%	42	8.5%	7	1.4%	493	100.0%	10	2.0%
2011/1	269	57.4%	52	11.1%	22	4.7%	36	7.7%	25	5.3%	55	11.7%	10	2.1%	469	100.0%	9	1.9%
2011/2	248	66.0%	34	9.0%	7	1.9%	43	11.4%	17	4.5%	24	6.4%	3	0.8%	376	100.0%	3	0.8%
2011/3	293	59.8%	29	5.9%	17	3.5%	43	8.8%	29	5.9%	54	11.0%	25	5.1%	490	100.0%	5	1.0%
Total	1484	61.6%	189	7.8%	90	3.7%	240	10.0%	127	5.3%	233	9.7%	47	2.0%	2410	100.0%	37	1.5%

Treatment Outcome Summary by Quarter
New TB Cases

FREE STATE Quarter 1 of 2010 to Quarter 4 of 2010

Quarter	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
2010/1	1724	73.5%	113	4.8%	47	2.0%	223	9.5%	121	5.2%	114	4.9%	2	0.1%	2344	100.0%	7	0.3%
2010/2	1487	74.0%	81	4.0%	38	1.9%	210	10.4%	105	5.2%	88	4.4%	1	0.0%	2010	100.0%	10	0.5%
2010/3	1695	70.8%	130	5.4%	49	2.0%	272	11.4%	125	5.2%	122	5.1%	2	0.1%	2395	100.0%	13	0.5%
2010/4	1900	73.9%	118	4.6%	56	2.2%	224	8.7%	142	5.5%	126	4.9%	4	0.2%	2570	100.0%	13	0.5%
Total	6806	73.0%	442	4.7%	190	2.0%	929	10.0%	493	5.3%	450	4.8%	9	0.1%	9319	100.0%	43	0.5%

Treatment Outcome Summary by Unit
New TB Cases

FREE STATE Quarter 2 of 2011

Units	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
DIHLABENG	61	77.2%	1	1.3%	2	2.5%	11	13.9%	4	5.1%	-	0.0%	-	0.0%	79	100.0%	2	2.5%
KOPANONG	31	72.1%	1	2.3%	-	0.0%	5	11.6%	4	9.3%	2	4.7%	-	0.0%	43	100.0%	-	0.0%
LETSEMENG	35	67.3%	3	5.8%	3	5.8%	6	11.5%	-	0.0%	4	7.7%	1	1.9%	52	100.0%	-	0.0%
MAFUBE	12	63.2%	1	5.3%	-	0.0%	2	10.5%	1	5.3%	2	10.5%	1	5.3%	19	100.0%	-	0.0%
MALUTI A PHOFUNG	179	80.6%	1	0.5%	2	0.9%	29	13.1%	4	1.8%	7	3.2%	-	0.0%	222	100.0%	1	0.5%
MANGAUNG	226	62.1%	41	11.3%	8	2.2%	36	9.9%	29	8.0%	24	6.6%	-	0.0%	364	100.0%	2	0.5%
MANTSOPA	24	77.4%	2	6.5%	1	3.2%	3	9.7%	-	0.0%	1	3.2%	-	0.0%	31	100.0%	1	3.2%
MASILONYANA	43	75.4%	1	1.8%	1	1.8%	4	7.0%	3	5.3%	5	8.8%	-	0.0%	57	100.0%	-	0.0%
MATJHABENG	302	67.0%	32	7.1%	16	3.5%	53	11.8%	24	5.3%	15	3.3%	9	2.0%	451	100.0%	9	2.0%
METSIMAHOLO	57	74.0%	-	0.0%	5	6.5%	8	10.4%	4	5.2%	3	3.9%	-	0.0%	77	100.0%	-	0.0%
MOHOKARE	14	77.8%	-	0.0%	1	5.6%	1	5.6%	2	11.1%	-	0.0%	-	0.0%	18	100.0%	-	0.0%
MOQHAKA	68	71.6%	2	2.1%	3	3.2%	13	13.7%	3	3.2%	6	6.3%	-	0.0%	95	100.0%	1	1.1%
NALA	50	61.7%	10	12.3%	4	4.9%	14	17.3%	3	3.7%	-	0.0%	-	0.0%	81	100.0%	2	2.5%
NALEDI	18	78.3%	3	13.0%	-	0.0%	-	0.0%	1	4.3%	1	4.3%	-	0.0%	23	100.0%	-	0.0%
NGWATHE	53	73.6%	3	4.2%	5	6.9%	6	8.3%	1	1.4%	4	5.6%	-	0.0%	72	100.0%	2	2.8%
NKETOANA	24	77.4%	-	0.0%	-	0.0%	4	12.9%	3	9.7%	-	0.0%	-	0.0%	31	100.0%	-	0.0%
PHUMELELA	10	83.3%	-	0.0%	-	0.0%	1	8.3%	1	8.3%	-	0.0%	-	0.0%	12	100.0%	-	0.0%
SETSOTO	90	73.2%	6	4.9%	1	0.8%	18	14.6%	2	1.6%	6	4.9%	-	0.0%	123	100.0%	1	0.8%
TOKOLOGO	11	50.0%	-	0.0%	-	0.0%	4	18.2%	2	9.1%	5	22.7%	-	0.0%	22	100.0%	-	0.0%
TSWELOPELE	29	72.5%	2	5.0%	-	0.0%	9	22.5%	-	0.0%	-	0.0%	-	0.0%	40	100.0%	-	0.0%
Total	1337	69.9%	109	5.7%	52	2.7%	227	11.9%	91	4.8%	85	4.4%	11	0.6%	1912	100.0%	21	1.1%

Treatment Outcome Summary by Unit
Retreated TB Cases

FREE STATE Quarter 2 of 2011

Units	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
DIHLABENG	6	85.7%	-	0.0%	-	0.0%	-	0.0%	1	14.3%	-	0.0%	-	0.0%	7	100.0%	-	0.0%
KOPANONG	6	85.7%	-	0.0%	-	0.0%	1	14.3%	-	0.0%	-	0.0%	-	0.0%	7	100.0%	-	0.0%
LETSEMENG	1	25.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	2	50.0%	1	25.0%	4	100.0%	-	0.0%
MAFUBE	3	60.0%	1	20.0%	-	0.0%	1	20.0%	-	0.0%	-	0.0%	-	0.0%	5	100.0%	-	0.0%
MALUTI A PHOFUNG	17	85.0%	-	0.0%	1	5.0%	1	5.0%	-	0.0%	1	5.0%	-	0.0%	20	100.0%	1	5.0%
MANGAUNG	63	63.6%	14	14.1%	1	1.0%	7	7.1%	7	7.1%	7	7.1%	-	0.0%	99	100.0%	1	1.0%
MANTSOPA	7	100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	7	100.0%	-	0.0%
MASILONYANA	6	66.7%	1	11.1%	1	11.1%	-	0.0%	1	11.1%	-	0.0%	-	0.0%	9	100.0%	-	0.0%
MATJHABENG	74	63.2%	11	9.4%	2	1.7%	17	14.5%	5	4.3%	7	6.0%	1	0.9%	117	100.0%	1	0.9%
METSIMAHOLO	10	66.7%	-	0.0%	1	6.7%	2	13.3%	-	0.0%	2	13.3%	-	0.0%	15	100.0%	-	0.0%
MOHOKARE	2	66.7%	-	0.0%	-	0.0%	-	0.0%	1	33.3%	-	0.0%	-	0.0%	3	100.0%	-	0.0%
MOQHAKA	13	72.2%	-	0.0%	-	0.0%	5	27.8%	-	0.0%	-	0.0%	-	0.0%	18	100.0%	-	0.0%
NALA	8	42.1%	3	15.8%	1	5.3%	4	21.1%	-	0.0%	3	15.8%	-	0.0%	19	100.0%	-	0.0%
NALEDI	-	0.0%	2	100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	2	100.0%	-	0.0%
NGWATHE	14	77.8%	1	5.6%	-	0.0%	1	5.6%	1	5.6%	-	0.0%	1	5.6%	18	100.0%	-	0.0%
NKETOANA	2	50.0%	-	0.0%	-	0.0%	1	25.0%	-	0.0%	1	25.0%	-	0.0%	4	100.0%	-	0.0%
PHUMELELA	1	100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	1	100.0%	-	0.0%
SETSOTO	6	60.0%	1	10.0%	-	0.0%	2	20.0%	1	10.0%	-	0.0%	-	0.0%	10	100.0%	-	0.0%
TOKOLOGO	3	60.0%	-	0.0%	-	0.0%	1	20.0%	-	0.0%	1	20.0%	-	0.0%	5	100.0%	-	0.0%
TSWELOPELE	6	100.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	6	100.0%	-	0.0%
Total	248	66.0%	34	9.0%	7	1.9%	43	11.4%	17	4.5%	24	6.4%	3	0.8%	376	100.0%	3	0.8%

Treatment Outcome Summary by Unit
New TB Cases

FREE STATE Quarter 2 of 2011

Units	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	190	72.2%	6	2.3%	13	4.9%	29	11.0%	9	3.4%	15	5.7%	1	0.4%	263	100.0%	3	1.1%
LEJWELEPUTSWA DM	435	66.8%	45	6.9%	21	3.2%	84	12.9%	32	4.9%	25	3.8%	9	1.4%	651	100.0%	11	1.7%
MOTHEO DM	268	64.1%	46	11.0%	9	2.2%	39	9.3%	30	7.2%	26	6.2%	-	0.0%	418	100.0%	3	0.7%
THABO MOFUTSANYANA	364	77.9%	8	1.7%	5	1.1%	63	13.5%	14	3.0%	13	2.8%	-	0.0%	467	100.0%	4	0.9%
XHARIEP DM	80	70.8%	4	3.5%	4	3.5%	12	10.6%	6	5.3%	6	5.3%	1	0.9%	113	100.0%	-	0.0%
Total	1337	69.9%	109	5.7%	52	2.7%	227	11.9%	91	4.8%	85	4.4%	11	0.6%	1912	100.0%	21	1.1%

Treatment Outcome Summary by Unit
Retreated TB Cases

FREE STATE Quarter 2 of 2011

Units	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	40	71.4%	2	3.6%	1	1.8%	9	16.1%	1	1.8%	2	3.6%	1	1.8%	56	100.0%	-	0.0%
LEJWELEPUTSWA DM	97	62.2%	15	9.6%	4	2.6%	22	14.1%	6	3.8%	11	7.1%	1	0.6%	156	100.0%	1	0.6%
MOTHEO DM	70	64.8%	16	14.8%	1	0.9%	7	6.5%	7	6.5%	7	6.5%	-	0.0%	108	100.0%	1	0.9%
THABO MOFUTSANYANA	32	76.2%	1	2.4%	1	2.4%	4	9.5%	2	4.8%	2	4.8%	-	0.0%	42	100.0%	1	2.4%
XHARIEP DM	9	64.3%	-	0.0%	-	0.0%	1	7.1%	1	7.1%	2	14.3%	1	7.1%	14	100.0%	-	0.0%
Total	248	66.0%	34	9.0%	7	1.9%	43	11.4%	17	4.5%	24	6.4%	3	0.8%	376	100.0%	3	0.8%

Treatment Outcome Summary by Unit
New TB Cases

FREE STATE Quarter 1-4 of 2010

Units	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	1111	75.8%	38	2.6%	55	3.8%	162	11.1%	44	3.0%	55	3.8%	1	0.1%	1466	100.0%	11	0.8%
LEJWELEPUTSWA DM	2130	73.1%	179	6.1%	52	1.8%	260	8.9%	169	5.8%	124	4.3%	-	0.0%	2914	100.0%	20	0.7%
MOTHEO DM	1588	69.0%	150	6.5%	37	1.6%	189	8.2%	159	6.9%	174	7.6%	3	0.1%	2300	100.0%	4	0.2%
THABO MOFUTSANYANA	1649	74.9%	62	2.8%	39	1.8%	280	12.7%	92	4.2%	76	3.4%	5	0.2%	2203	100.0%	8	0.4%
XHARIEP DM	328	75.2%	13	3.0%	7	1.6%	38	8.7%	29	6.7%	21	4.8%	-	0.0%	436	100.0%	-	0.0%
Total	6806	73.0%	442	4.7%	190	2.0%	929	10.0%	493	5.3%	450	4.8%	9	0.1%	9319	100.0%	43	0.5%

Treatment Outcome Summary by Unit
New TB Cases

FREE STATE Quarter 1-4 of 2009

Units	Completed						Not Completed						Not Evaluated		Total		*MDR (of failures)	
	Cured		Completed		Failure*		Died		Transferred		Defaulted							
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	1079	71.2%	89	5.9%	36	2.4%	190	12.5%	63	4.2%	52	3.4%	6	0.4%	1515	100.0%	4	0.3%
LEJWELEPUTSWA DM	1877	70.6%	148	5.6%	50	1.9%	277	10.4%	152	5.7%	153	5.8%	1	0.0%	2658	100.0%	11	0.4%
MOTHEO DM	1558	67.9%	147	6.4%	34	1.5%	233	10.2%	179	7.8%	144	6.3%	-	0.0%	2295	100.0%	2	0.1%
THABO MOFUTSANYANA	1679	74.6%	74	3.3%	27	1.2%	304	13.5%	110	4.9%	55	2.4%	2	0.1%	2251	100.0%	2	0.1%
XHARIEP DM	307	79.7%	20	5.2%	5	1.3%	23	6.0%	20	5.2%	10	2.6%	-	0.0%	385	100.0%	-	0.0%
Total	6500	71.4%	478	5.3%	152	1.7%	1027	11.3%	524	5.8%	414	4.5%	9	0.1%	9104	100.0%	19	0.2%

Comment:

- Free State cure rate noticeable decrease from the previous quarter to 69.9% range from 77.9% for Thabo Mofutsanyana district to 64.1% in Motheo district, with a higher treatment completion rate of 5.7% compare to the previous quarter 4.9%.
- The defaulter rate for new ss+ TB patients is at 4.4% with a range of 2.8% in Thabo Mofutsanyana district to 6.2% in Motheo district.

Challenges:

- Free State's death rate increase dramatically at 11.9%, range 13.5% in Thabo Mofutsanyana to 9.3% in Motheo, from the previous quarter

General Notes:

1. Laboratory Services

Sputum Turn Around times (TAT)

Turn Around Time - Quarter 2/2012						
Name of district	**Number of facilities**	**Number of facilities with TAT within 48 hours**		**Number of specimen**	**Number of specimen within 48 hours**	
Xhariep	38	10	26.3%	3 193	1 729	54.2%
Motheo	81	33	40.7%	11 416	8 096	70.9%
Lejweleputswa	79	34	43.0%	14 969	13 201	88.2%
Thabo Mofutsanyane	97	38	39.2%	13 345	10 350	77.6%
Fezile Dabi	59	41	69.5%	8 775	7 235	82.5%
Free State	**354**	**156**	**44.1%**	**51 698**	**40 611**	**78.6%**

Challenge:

- The turnaround time decreased from the previous quarter with no explanation. Investigation is being done and miscalculation of TAT at facility level could be one of the reasons.

2. Direct Observed Treatment (DOT) Coverage:

Quarter 2 of 2012	Number	%
DOT Reporting Rate: Facilities providing DOT	**299/353**	**85%**

DOT Coverage	Quarter 2/2012	
Numerator	**Denominator**	**Indicator**
Number of all TB patients on DOT	Total number of all TB patients on treatment	Proportion of all TB patients on DOT
8,233	9,910	83.5%

Number of Patients on DOT				Total
Intensive Phase		Continuation Phase		8,233
Facility	Community	Facility	Community	
2,081	1,423	1,324	3,405	

Challenge

- Very low reporting rate for DOT was experienced.

3. NGO's *(Funded by National Department of Health)*

Name of NGO	Brief description of activities done by NGO	Type of training s done	Number of trainings done *(Sessions/ Participants)*	Number of patient's seen by NGO	TB/HIV integration *Yes/No*	*Budget Approved*	*% Expend iture*
Clinical:							
Non-Clinical:							
PPHC	Payment of CHW						
LAMP	Payment of CHW						
HEAPS	ACSM on TB-HIV						
SANTA	Tracing of defaulters & ACSM activities						
Epilepsy SA	Payment of CHW						
Hospice	Payment of CHW						

Comment:

- No changes in funding of NGO's.

4. Advocacy, Communication and Social Mobilisation (ACSM)

1. Visit to patient's home from Freedom Square on the 11 April 2012. Walked 5 km with Gerry the TB Ambassador.
2. About 50 people participated in the walk.
3. Media Briefing was held at 18:00, Southern Sun Hotel after the patient's visit.

4. Walk for Humanity in partnership with Red Cross, Denosa, Post Office, SANTACO and FS DoH. Ten km walk was conducted on the 13 April 2012. 300 people participated in the walk.
5. TB screening was done during Freedom Day Celebration on the 27 April 2012 at Bohlokong Stadium. **1220 people screened.**
6. Health Education conducted to 30 employees at the Post Bank.
7. TB Day Evaluation Meeting was held with all stakeholders that participated during TB Day Commemoration. Meeting held on the 11 May 2012.
8. 40 CHW from World Vision trained on TB ON THE 26 June 2012.

5. Drugs

Comment:

- The provincial Depot has shortage in the (RH60/60) 28 pack size but other pack sizes are available with no patient interrupting treatment.
- Some facilities still have the children's (RHZ) combination to use with the booster dose INH.

6. TB-HIV Collaboration.

TB-HIV Report:

Newly diagnosed TB cases *(New & Re-treatment cases)*	**4/2011**		**1/2012**		**2/2012**	
	Number	**Percentage**	**Number**	**Percentage**	**Number**	**Percentage**
Number of newly diagnosed TB cases	5,148		4,806		3,916	
Number of newly diagnosed TB counselled for HIV	-	-	-	-	-	-
Number of newly diagnosed TB cases who tested for HIV	4,234	82.2%	4,000	83.2%	3,363	85.9%
Number of newly diagnosed TB cases who tested positive	2,985	58%	2,747	57.2%	2,363	60.3%
Number of HIV + TB patients on CPT	2,325	77.9%	2,128	77.5%	1,940	82.1%
*Total of newly diagnosed TB HIV+ cases started on ART	1,042	34.9%	984	35.8%	1008	42.7%
*Total number of TB/HIV co-infected patients on ART	1,223	68.6%	1,234	44.9 %(75.4%	1,232	52.1%
Total number of HIV+ patients started TB treatment						-

[2] Percentage legible patients (CD 4 ≤350)on ART

HIV Summary by Unit

FREE STATEQuarter 2 of 2012

Units	Case Finding	HIV Positive		HIV Negative		HIV Unknown*		On CPT		CD4 Test Done		CD4 Count < 350**		On ART Before TB Treatment		Total on ART***	
	N	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
FEZILE DABI	613	395	64.4%	169	27.6%	26	4.2%	376	95.2%	314	79.5%	278	88.5%	-	0.0%	206	52.2%
LEJWELEPUTSWA	1034	620	60.0%	247	23.9%	68	6.6%	466	75.2%	436	70.3%	369	84.6%	120	19.4%	274	44.2%
MOTHEO DM	1189	716	60.2%	327	27.5%	50	4.2%	579	80.9%	490	68.4%	396	80.8%	71	9.9%	395	55.2%
THABO MOFUTSANYANA	792	498	62.9%	219	27.7%	33	4.2%	416	83.5%	394	79.1%	326	82.7%	37	7.4%	328	65.9%
XHARIEP DM	209	113	54.1%	73	34.9%	5	2.4%	105	92.9%	88	77.9%	60	68.2%	28	24.8%	58	51.3%
Total	3837	2342	61.0%	1035	27.0%	182	4.7%	1942	82.9%	1722	73.5%	1429	83.0%	256	10.9%	1261	53.8%

Comment:

- As case finding data reporting is low the TB-HIV information is incomplete and influence the TB-HIV patients on ART negatively. Still are the total TB-HIV patients on ART higher than the previous quarter with ranges of 65.9% for Thabo Mofutsanyana district and 44.2% for Lejweleputswa district.
- Patients on IPT according to DHIS 10,980.

7. TB amongst Health Care workers (HCW): 2/2012

District	Number of HCW diagnosed with TB	Number of HCW diagnosed with MDR-TB	Categories of staff
Xhariep			
Motheo	2		Doctor, Professional Nurse
Lejweleputswa			
Thabo Mofutsanyana			
Fezile Dabi			
Provincial Total	**2**		

Comment:

- The University of Colombia in collaboration with department of Health and Free State University want to research at the notification of health care workers and establish Occupation Health Clinics for TB and HIV positive people to received their treatment at the workplace without cost implications (ART)

8. Training 2/2012

Target group	Categories	Number trained
Professional health care workers	Professional Nurses	235
	Doctors	31
	Infection control officers	0
	Environmental health officers	0
	Managers	38
	Other	51
Non-professional health care workers	DOT supporters	0
	Home based carers	0
	Lay counsellors	0
	Community Care Givers	10
Total		**365**

Comment:

- Doctors in hospitals and primary health care facilities received training on the use of the XPert MTB/RIF diagnostic method.

9. Research

	Topic	By Whom	Impact / Finding
Done:	1. Palsa plus	UCT & MRC	TB-HIV integration improves training method. Awaiting final report
	2. TB Operational Research- 'Early case detection'	Provincial TB Dept with district facilities support	More patients traced by testing sputa of all patients coughing 2 weeks
	3. Defaulter study.	MRC	Identify true cause of default
	4. Analysis of the costing allocation of TB programme	WHO	Under budget for the TB programme and fragmentation
	5. Evaluation of the effectiveness of TB training	Free State Research Unit and Department of Health	To improve the training methods/ awaiting final report
	6. Quality of ETR.Net information	University of the Free State & DoH	80% of information is corresponding with the original information of the TB patients file.
On-going:	1. File investigation on XDR-TB patients	TASC TB - URC	Improve prevention of XDR-TB patients
	2. Finger printing of drug resistant TB patients' sputum to estimate link of infection. In Zastron (Mohokare sub-district)	Microbiologic section, University of the Free State and medical school	Improve contact tracing and monitor infection patents.
	3. TB-HIV data annualises to compare visibility	University of the Free State	Improve data quality feedback to districts were given.
	4. Non - uptake of VCT amongst TB patients	University of the Free State	Improve preventative treatment
	5. Compare the ETR.Net and ARV databases	UCT Lung Unit	Matching TB and ARV information to establish the patients' information correctness.
	6. Non-conversion at end of 2 months treatment	FSDoH TB Management & University of the Free State	To improve conversion rate with new ss+ patients
	7. Impact Xpert on MTB/RIF on MDR-TB Outcomes	FSDoH Free State University & Microbiology & Virology	Impact of Xpert use on MDR-TB Outcomes
Planned research	1. DOT study	FSDoH research section	To improve DOT
	2. Community MDR-TB vs Hospitalisation of MDR-TB	FSDoH TB	Compare hospitalisation vs total community care
	3. Uptake of ART among illegible co-infected patients in integrated and non-integrated services	FSDoH TB & UFS	To improve integration between TB and HIV services
	4. TB patients uptake of IPTC	FSDoH & UFS	To increase the uptake of HIV testing rate among TB patients using several training methods
	5. TB in children – wrong treatment	FSDoH & Pelonomi Hospital	To determent the effective management of children with TB in the Free State.

Comment:

- ORAP 2012 is the Director Ms Tshidi Morigihlane the Free State TB Management representative with Dr Ulta Hallbower from Pelonomi Paediatrics and UFS as academic partner.
- The ORAP 2010 group submit a poster for the 43rd Union World Conference that was accepted on non-conversion. The poste will presented under TB Management: lab monitoring & surveillance on 17/11/2012

10. General

- Some patients not taken smears and as a result of not standardised laboratory request forms are GeneXpert test done on sputum's during conversion and not a direct as requested- the issue have been taken up with the NHLS.
- Pelonomi Hospital started with GeneXpert testing in May 2012 and roll-out to Monapo Hospital laboratory is anticipated to be during August 2012.

Compiled by:

Ms Sonja van der Merwe

TB Manger

Free State TB Management Directorate