

National Program of fighting against Tuberculosis

TB Epidemiology in Haiti

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Tb country profile (2012)

Indicator	Estimation	Source
Incidence	213/100.000	WHO
Prevalence	296/100.000	WHO
Mortality (Tb)	25/100.000	WHO
Mortality (Tb/Hiv)	10/100.000	WHO
Detection rate	76%	WHO

DETECTION

Epidemiological situation of TB in Haiti (2009-2012)

Dépistage	2009	2010	2011	2012
Dept	TB detection	TB detection	TB detection	TB detection
Artibonite	1491	1550	1768	1830
Centre	840	738	802	820
Grande-anse	593	664	705	763
Nippes	411	462	555	500
Nord	1806	1864	1869	1918
Nord-est	388	429	404	459
Nord-ouest	820	749	1057	1022
Ouest	6489	5871	6492	7596
Sud	1424	1348	1140	1223
Sud-est	599	590	531	592

TB detection 2012

Département	TPM+	TPM-	TEP	Retreatment TPM+	other	Total
Artibonite	1 143	441	177	61	8	1830
Centre	510	209	67	28	6	820
Grande-anse	548	147	33	25	10	763
Nippes	317	86	66	22	9	500
Nord	1090	588	152	77	11	1918
Nord-est	372	54	24	9	0	459
Nord-ouest	565	304	96	42	15	1022
Ouest	3585	2586	990	281	154	7596
Sud	696	212	269	40	6	1223
Sud-Est	428	106	38	14	6	592
Total	9254	4733	1912	599	225	16723

Screening for coinfection TB/VIH (2011)

Dépt.	New cases	TB/VIH tested	Tested rate	Co-infection	Coinfected rate
Artibonite	1768	1456	82.35	374	21.15
Centre	802	681	84.91	150	18.70
Grande-anse	705	356	50.50	71	10.07
Nippes	555	431	77.66	66	11.89
Nord	1869	1481	79.24	283	15.14
Nord-est	404	189	46.78	31	7.67
Nord-ouest	1057	706	66.79	118	11.16
Ouest	6492	4945	76.17	1037	15.97
Sud	1140	650	57.02	137	12.02
Sud-est	531	318	59.89	53	9.98
Total	15323	11213	73.18	2320	15.14

Screening for co-infection TB/VIH (2012)

Dépt.	New cases	# TB/VIH tested	Case tested rate	Co-infection	Coinfected rate
Artibonite	1830	1624	88.74	408	22.30
Centre	820	714	87.07	151	18.41
Grande-anse	763	507	66.45	60	7.86
Nippes	500	418	83.60	77	15.40
North	1918	1520	79.25	370	19.29
North-east	459	211	45.97	37	8.06
North-east	1022	702	68.69	112	10.96
West	7596	6646	87.49	1253	16.50
South	1223	803	65.66	163	13.33

Screening for coinfection TB/VIH 2011-2012

pt.	TB tested rate for HIV- 2011	Rate of co- infection - 2011	TB tested rate for HIV 2012	Co-infected rate 2012
tibonite	82.35	21.15	88.74	22.30
ntre	84.91	18.70	87.07	18.41
ande- se	50.50	10.07	66.45	7.86
opes	77.66	11.89	83.60	15.40
rd	79.24	15.14	79.25	19.29
rd-Est	46.78	7.67	45.97	8.06
rd-Ouest	66.79	11.16	68.69	10.96
est	76.17	15.97	87.49	16.50
d	57.02	12.02	65.66	13.33
d-est	50.80	9.98	63.01	12.50

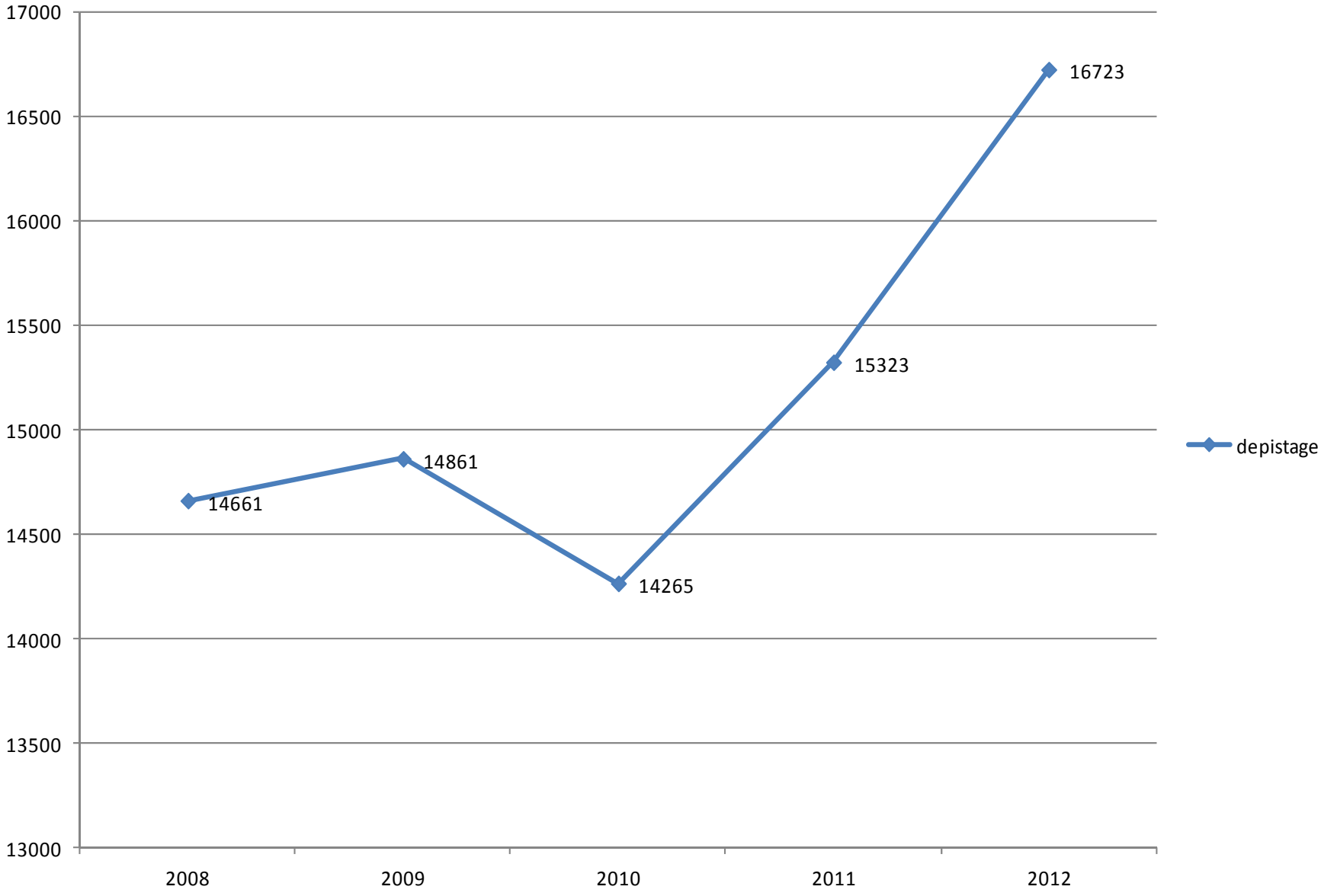
Top Ten TB detection -2011

INSTITUTION	Dépt.	Smear+	Total TB
1. GHESKIO	West	450	1074
2. Sanatorium of Port-au-Prince	West	287	734
3. Hop. Université d'Etat d'Haïti	West	198	660
4. Missionnaires de la Charité	West	143	584
5. Mennonite croix des Bouquets	West	443	480
6. Grace Children Hospital	West	243	437
7. Sanatorium Sigueneau	West	193	324
8. Armée du Salut	Nippes	114	282
9. Hôpital Immaculée Conception	South	194	280
10. Hopital de Beraca	North- West	140	264

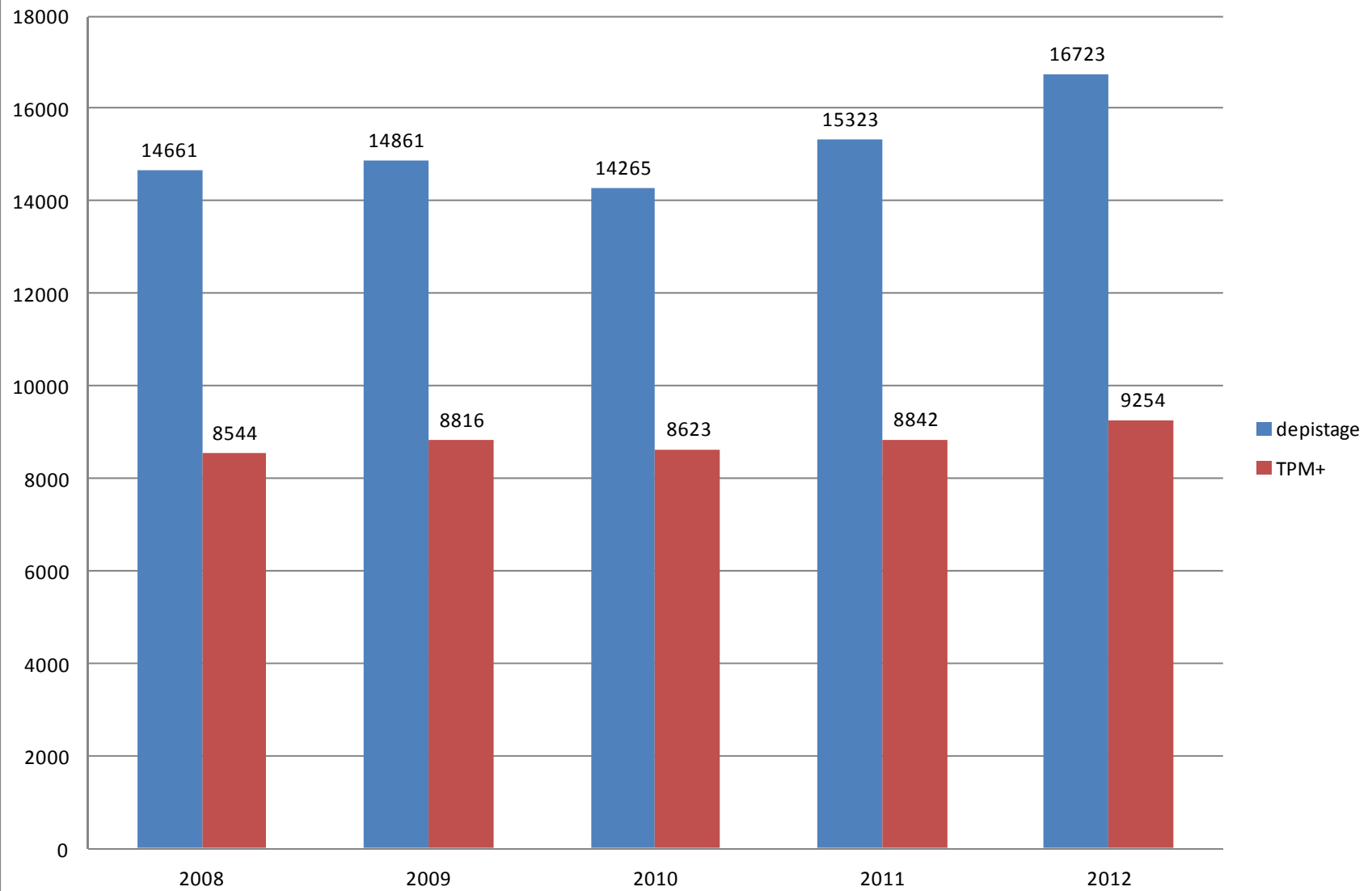
Top Ten TBdetection 2012

Institution	Départ ment	Smear +	AllTB cases
1. GHESKIO	West	778	1771
2. Sana PaP	West	313	732
3. HUEH	West	302	731
4. Miss Charité	West	256	638
5. GCH	West	346	569
6. Mennonite Cx Bqts	West	498	534
7. Hôpital Imm. Concep.	North West	186	319
8. Hôpital Justinien	North	140	318
9. Sana Sigueneau	West	203	313
10. Ka - Soleil	West	234	297

Trends in TB detection 2008-2012 - Haiti



Trends of detection smear positive cases 2008-2012



TREATMENT RESULT

Smear positive Trx result - 2011 cohort

Dépt.	# case of TPM+	Cured rate	End Trx rate	Success rate
Artibonite	1200	78.08	5.75	83.83
Centre	458	69.65	16.59	86.24
Grande-Anse	508	75.00	6.30	81.30
Nippes	314	79.62	5.10	84.71
North	1129	75.29	8.15	83.44
North-East	319	85.58	3.45	89.03
North-West	713	61.29	18.51	79.80
West	3129	72.52	11.98	84.50
South	675	72.59	10.67	83.26
South-East	397	69.52	7.30	76.83
Total	8842	73.31	10.22	83.53

Smear + Treatment result 2011 cohort

Dépt.	# case TPM+	Death rate	default rate	Failure rate	transfert rate
Artibonite	1200	5.50	4.58	0.67	4.75
Centre	458	3.49	4.80	1.31	3.93
Grande-anse	508	4.72	4.53	0.98	7.87
Nippes	314	4.78	2.55	0.64	4.78
North	1129	3.45	3.01	1.59	8.50
North-east	319	5.02	2.19	2.19	1.57
North-West	713	3.23	12.62	1.26	2.81
West	3129	2.36	7.00	1.34	4.44
South	675	5.04	5.63	0.74	5.04
South-east	397	4.53	12.59	1.26	4.79
Total	8842	3.68	6.18	1.21	5.01

Thanks