

Tuberculosis Profile, FY 2081/82

Nepal

Estimates of TB burden*	Number	Rate (per 100000 Population)
Total TB incidence	67000	227
HIV positive TB incidence	420	1.4
MDR/RR-TB incidence	2400	8.1
HIV negative TB mortality	16000	53
HIV positive TB mortality	160	0.53

Estimated percentage of people with multidrug-resistant or rifampicin (MDR/RR-TB)*

New pulmonary bacteriologically confirmed cases	3.5%
Previously treated pulmonary bacteriologically confirmed cases	4%

TB case notifications**

Total new and relapse (Including, Unknown Previous Treatment History-UPTH)	38,606
- % tested with rapid diagnostics at time of diagnosis	-
- % with known HIV status	93.9%
- % pulmonary	72.4%
- % bacteriologically confirmed among pulmonary	80.5%
- % children aged 0-14 years	5.6%
- % women	39.0%
- % men	61.0%
Total cases notified	39,151

Universal health coverage and social protection

TB treatment coverage (notified/estimated incidence)*	60%
TB affected households facing catastrophic total costs***	51%
TB Case fatality ratio (estimated mortality/estimated incidence)*	25%

TB/HIV care in new and relapse TB patients**

	Number	(%)
% with known HIV status among total cases	36778	93.9
Patients with known HIV-status who are HIV-positive	252	0.7
On antiretroviral therapy	223	88.5

Drug-resistant TB care****

% of bacteriologically confirmed TB cases tested for rifampicin resistance	
New cases	71%
Previously treated cases(Including Relapse)	78%
Laboratory-confirmed cases	MDR/RR-TB: 621, XDR-TB: 4
Patients started on treatment	MDR/RR-TB: 396, XDR-TB: 4

Treatment success rate and cohort size**

	Success (%)	Cohort (N)
New and relapse cases	92.4	39,072
Previously treated cases, excluding relapse	85	673
MDR/RR-TB cases started on second-line treatment	75.6	504
XDR-TB cases started on second-line treatment	85.7	7

TB preventive treatment****

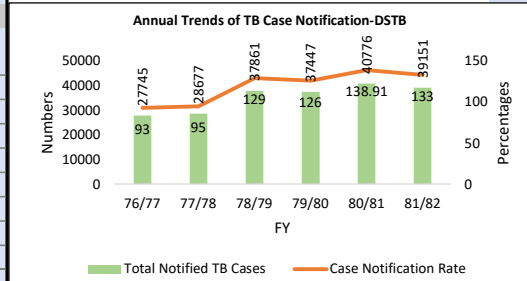
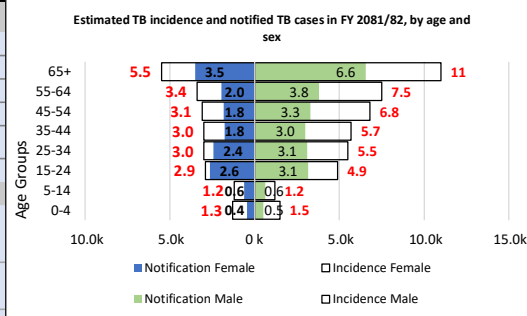
% of children (aged <5 years) household contacts of bacteriologically-confirmed TB cases on preventive treatment (Enrolled/Eligible)	89%
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* Data source: Global TB Report, 2025, WHO

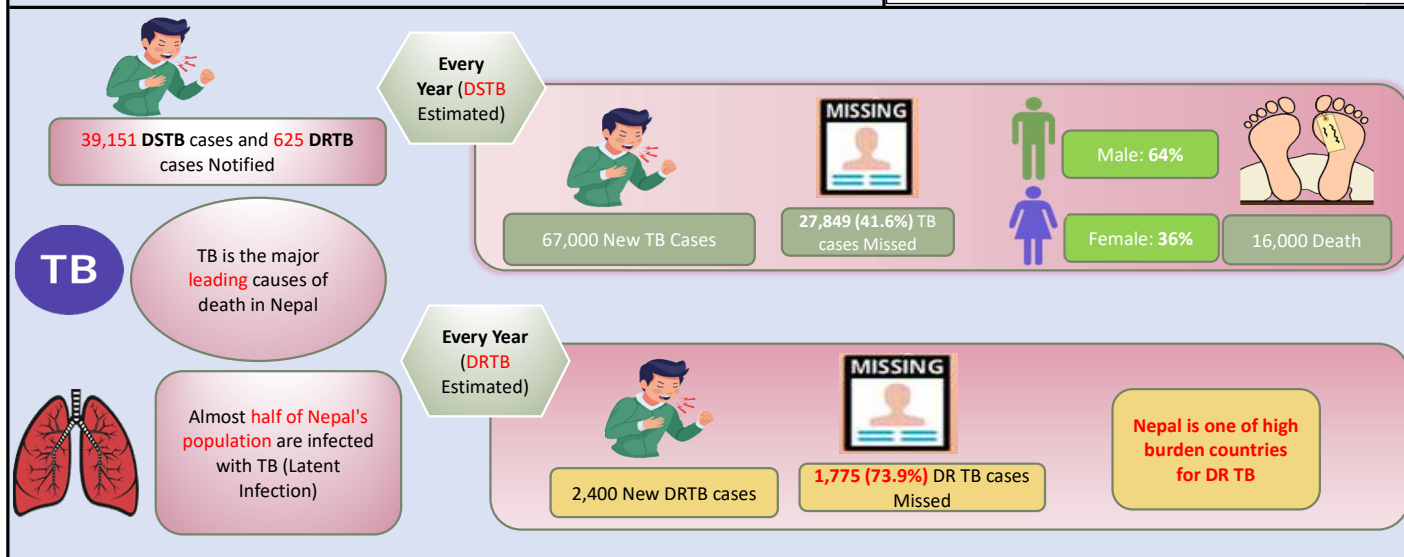
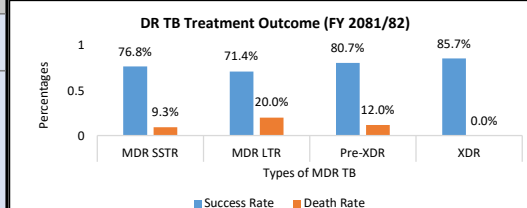
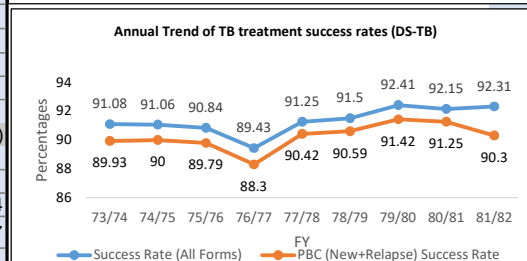
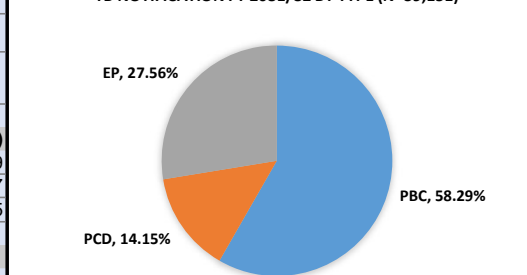
** Data source: HMIS Report, DoHS/MoHP, GoN, FY 2081/82

*** Data source: National TB Patient Cost Survey, in Nepal 2024

****Data source: NTPMIS, NTCC, GoN, FY 2081/82, 42 districts



TB NOTIFICATION FY 2081/82 BY TYPE (N=39,151)



National Tuberculosis Program TB FACT SHEET FY 2081/82													
Program Indicators	National Level						FY 2081/82 by Province						
	2076/77	2077/78	2078/79	2079/80	2080/81	2081/82	Koshi	Madesh	Bagmati	Gandaki	Lumbini	Karnali	Sudurpaschim
Number of Service Sites													
DOTS Center	4955	5503	5971	6209	6241	6241	1117	1006	1227	831	922	425	713
DR Treatment Centers	22	22	22	24	29	31	4	5	5	3	4	2	8
DR Treatment Sub-Centers	81	81	81	98	98	98	17	17	23	9	14	16	2
DR Homes	1	1	1	1	1	1	-	-	-	1	-	-	-
DR Hostel	6	6	6	6	6	6	1	1	1	-	1	-	2
DRTB Referral Centers	-	3	3	3	3	3	-	-	-	1	1	-	1
TB Designated Microscopy Centers	765	896	896	786	785	785	131	74	154	101	145	57	123
mWRD (Xpert MTB/RIF) sites	72	84	93	113	117	117	19	21	25	10	21	9	12
mWRD (Xpert MTB/XDR) sites				19	21	21	3	2	5	3	4	1	3
mWRD (Truenat) sites						25	8	1	2	2	2	1	9
Culture Labs and DST	2	2	2	2	2	2	-	-	2	-	-	-	-
Line Probe Assay (LPA)	2	2	2	2	2	2	-	-	2	-	-	-	-
Solid Culture			2	2	2	2	1	-	-	1	-	-	-
TB Case Notification													
Total Notified TB Cases (All Forms of TB)	27745	28677	37861	37447	40776	39151	4787	9596	8933	2783	7862	1539	3651
Case Notification Rate (All Forms of TB)	93	95	129	126	139	133	96	153	143	115	151	90	136
Case Notification Rate (PBC New and Relapse)	50	53	73	71	78	76	54	97	73	59	87	49	85
Types of TB													
PBC	15171	16258	21628	21458	23426	22821	2758	6160	4671	1461	4591	845	2335
PCD	3816	3960	5677	5691	6237	5539	628	1315	1111	618	1238	207	422
EP	8758	8459	10556	10298	11113	10791	1401	2121	3151	704	2033	487	894
New and Relapse TB Cases (Incidence)	27232	28182	37287	36819	40129	38563	4664	9505	8787	2727	7792	1516	3572
Distribution By Age and Sex (%)													
Female	37%	38%	38%	38%	39%	39%	35%	39%	42%	39%	39%	37%	37%
Male	63%	62%	62%	62%	61%	61%	65%	61%	58%	61%	61%	63%	63%
Child (0-14)	6.0%	6.6%	8.7%	8.0%	8.6%	5.6%	4.0%	5.9%	4.7%	2.6%	8.1%	8.8%	5.4%
Age Group (15-64)	77%	76%	72%	71%	68%	68.7%	75.4%	62.2%	76.1%	63.7%	65.3%	71.9%	68.8%
Age Group (65+)	17%	18%	19%	21%	23%	25.6%	20.7%	31.9%	19.2%	33.7%	26.6%	19.3%	25.8%
Contribution by Sectors (%)													
Community	19%	21%	19%	16%	14%	13%	13.3%	25.8%	8.0%	11.4%	3.2%	10.9%	13.4%
Private	22%	33%	32%	29%	27%	27%	27.2%	23.5%	29.1%	25.3%	28.2%	22.2%	15.2%
TB/HIV (%)													
Total HIV Test	51%	72%	74%	89%	95.4%	93.9%	93.7%	85.6%	93.5%	98.2%	100.0%	99.8%	98.6%
Total Positive	0.9%	0.8%	0.8%	0.63%	0.63%	0.69%	0.76%	0.40%	0.80%	1.24%	0.59%	0.26%	0.94%
Total ART enrollment	91.9%	89.0%	97.0%	98.6%	98.0%	88.5%	91.2%	72.7%	86.6%	91.2%	100.0%	100.0%	85.3%
Microscopic Examination													
Presumptive Examined	155371	182830	247398	329234	348385	322155	37718	49600	108535	25076	58580	8278	34368
Sputum Positive	8442	10110	13563	12761	11403	10253	1587	2370	1895	478	2428	213	1282
Positivity Rate (%)	5%	6%	5%	4%	3.3%	3.2%	4.2%	4.8%	1.7%	1.9%	4.1%	2.6%	3.7%
# Performing <300 test Per Year	642	766	766	667	668	667	114	49	139	81	121	50	113
# Performing >= 300 test Per Year	123	130	130	119	119	118	17	25	17	20	23	7	9
GeneXpert Test													
Total Person Tested	47879	69386	151865	158572	197957	178692	22977	27297	56909	14097	30209	10942	16261
MTB Notified	9060	12336	20192	20689	25541	24485	2952	4969	7147	1364	5029	826	2198
Rif Resistance Detected	476	569	942	693	756	625	75	131	166	19	170	12	52
GeneXpert Utilization Rate (%)	19%	25%	48%	45%	55%	49%	40%	44%	66%	44%	42%	46%	50%
Positivity Rate (%)	19.0%	19.0%	13.9%	13.5%	12.9%	13.7%	12.8%	18.2%	12.6%	9.7%	16.6%	7.5%	13.5%
DSTB Treatment Outcome (%)													
Treatment Success Rate	89%	91%	92%	92%	92%	92%	90%	92%	93%	91%	94%	93%	90%
Death Rate	3.3%	3.3%	3.6%	3.0%	3.3%	2.9%	3.7%	2.7%	2.7%	4.5%	3.5%	3.3%	3.9%
DR TB Case Notification													
MDR/RR - Shorter Regimen (BPaLM)					14	150	6	41	32	8	36	0	27
MDR/RR - Shorter Regimen (SSTR)	224	218	337	265	212	0	0	0	0	0	0	0	0
MDR/RR - Shorter Regimen (OSSTR)						29	2	5	4	1	9	0	8
MDR/RR - Longer Regimen	84	126	230	189	293	131	31	7	39	25	28	0	1
Pre-XDR - Shorter Regimen (BPaL)						26	3	2	7	1	7	0	6
PRE-XDR - Longer Regimen	68	66	85	84	105	60	18	6	10	2	24	0	0
XDR	8	8	7	8	9	4	0	0	0	1	3	0	0
DR TB Treatment Outcome (%)													
Treatment Success Rate	75%	73%	74%	82%	78%	76%	80%	76%	77%	83%	69%	67%	80%
Death Rate	10%	13%	14%	9%	12%	13%	9%	7%	13%	11%	22%	0%	13%
TPT													
Numbers Eligible for TPT	2242	3294	3802	4346	5319	2895	293	1035	410	115	813	52	177
Numbers Enrolled on TPT	1995	2108	3158	3658	4717	2573	267	864	371	115	744	52	160