

Online Supplementary Document

Table S1: Percentage of facilities with basic amenities for client services

Background characteristics	Power	Improved water source	Visual or auditory privacy	Client latrine	Communication equipment	Computer with internet	Emergency transport
Facility type							
Government hospitals	96.2	94.3	88.5	95.3	91.5	80.1	93.4
Private hospitals	99.4	89.4	95.7	98.4	98.5	78.7	94.5
PHCCs	73.2	94.2	93.2	94.7	41.2	36.4	74.8
Managing authority							
Public	81.0	94.2	91.6	94.9	58.2	51.1	81.1
Private	99.4	89.4	95.7	98.4	98.5	78.7	94.5
Ecological region							
Mountain	86.7	93.3	93.3	93.3	66.7	48.9	62.2
Hill	91.6	84.9	91.5	95.7	81.0	66.7	88.0
Terai	90.0	98.6	96.3	98.3	79.1	66.7	92.1
Province							
Province 1	89.8	99.1	97.4	99.1	82.9	67.1	77.3
Province 2	82.3	100	99.0	99.0	63.8	52.9	95.9
Province 3	91.6	82.2	91.8	96.4	88.6	73.2	92.9
Province 4	91.3	94.2	88.5	100	81.2	66.8	88.5
Province 5	95.5	95.5	93.2	94.3	77.1	66.3	90.2
Province 6	90.9	78.8	90.9	84.8	51.5	45.5	75.8
Province 7	95.3	95.3	93.0	95.3	81.4	65.1	81.4
Total	90.6	91.7	93.8	96.7	79.2	65.5	88.1

Table S2: Percentage of facilities with basic equipment for client services

Background characteristics	Adult Scale	Child Scale	Thermometer	Stethoscope	BP apparatus	Light source
Facility type						
Government hospitals	91.5	35.1	96.2	98.1	95.3	86.7
Private hospitals	94.1	25.6	96.4	96.7	95.6	88.8
PHCCs	84.4	38.8	94.2	99.0	98.1	66.9
Managing authority						
Public	86.8	37.6	94.9	98.7	97.1	73.6
Private	94.1	25.6	96.4	96.7	95.6	88.8
Ecological region						
Mountain	91.1	42.2	95.6	100	97.8	86.7
Hill	94.0	32.9	97.3	97.6	96.9	88.3
Terai	86.9	28.0	94.0	97.4	95.5	73.6
Province						
Province 1	96.6	35.1	96.6	100	99.1	88.0
Province 2	73.3	16.1	92.8	97.9	97.9	56.7
Province 3	90.5	26.1	93.5	94.5	93.5	85.7
Province 4	95.7	27.4	100	98.6	98.6	94.2
Province 5	95.5	50.2	97.7	98.9	94.7	83.9
Province 6	97.0	42.4	93.9	100	97.0	69.7
Province 7	90.7	39.5	100	100	97.7	83.7
Total	90.6	31.4	95.7	97.7	96.3	81.5

Table S3: Percentage of facilities with standard precautions for Infection Prevention

Background characteristics	Safe final disposal sharps	Safe final disposal of infectious wastes	Appropriate storage of sharps waste	Appropriate storage of infectious waste	Disinfectant	Single use-standard disposal or syringes	Soap and running water or alcohol based hand rub	Latex gloves	Guidelines for standard precautions
Facility type									
Government hospitals	85.8	79.1	42.7	6.6	52.3	55.2	76.3	74.4	7.6
Private hospitals	85.4	74.6	34.0	4.7	63.1	60.1	85.5	83.0	5.3
PHCCs	82.1	80.6	65.6	3.9	43.1	63.6	64.6	62.7	4.8
Managing authority									
Public	83.3	80.1	57.9	4.8	46.2	60.8	68.5	66.6	5.8
Private	85.4	74.6	34.0	4.7	63.1	60.1	85.5	83.0	5.3
Ecological region									
Mountain	86.7	86.7	64.4	4.4	55.6	60.0	62.2	75.6	4.4
Hill	86.9	75.9	56.0	7.1	60.7	66.4	79.5	77.0	5.6
Terai	81.4	77.2	31.3	2.4	49.0	54.2	77.4	73.1	5.6
Province									
Province 1	84.2	81.1	40.2	1.7	53.6	58.7	83.8	73.0	4.3
Province 2	82.1	73.1	34.9	1.0	39.9	47.7	58.0	65.9	5.8
Province 3	87.8	76.8	49.2	8.4	59.8	62.9	82.8	78.7	3.7
Province 4	89.9	82.7	51.9	2.9	60.6	69.2	87.0	85.6	4.3
Province 5	77.7	77.7	43.9	6.8	61.6	67.6	82.4	75.2	11.0
Province 6	75.8	69.7	72.7	9.1	60.6	66.7	57.6	75.8	9.1
Province 7	86.0	74.4	37.2	0.0	44.2	48.8	67.4	67.4	4.7
Total	84.4	77.3	45.4	4.8	55.0	60.4	77.3	75.1	5.5

Table S4: Percentage of facilities with Diagnostic capacity for client services

Background characteristics	Hemoglobin	Blood glucose	Malaria diagnostic capacity	Urine dipstick protein	Urine dipstick glucose	HIV diagnostic capacity	Syphilis rapid test	Urine test for pregnancy
Facility type								
Government hospitals	97.2	51.5	94.3	98.1	97.2	59.0	78.9	95.3
Private hospitals	93.3	58.0	94.2	90.5	91.8	25.5	77.9	90.0
PHCCs	74.7	27.2	70.8	64.0	63.0	11.2	53.3	69.8
Managing authority								
Public	82.3	35.4	78.7	75.5	74.6	27.3	62.0	78.4
Private	93.3	58.0	94.2	90.5	91.8	25.5	77.9	90.0
Ecological region								
Mountain	88.9	55.6	77.8	84.4	86.7	26.7	73.3	86.7
Hill	88.5	46.2	85.9	81.6	82.3	32.9	70.3	85.3
Terai	87.4	46.9	89.1	85.0	84.3	19.4	69.7	83.2
Province								
Province 1	87.6	40.5	87.2	83.8	84.6	22.7	74.6	79.9
Province 2	82.3	53.8	88.4	81.2	80.2	21.0	69.1	84.3
Province 3	89.2	46.1	88.7	84.5	86.2	30.8	64.5	86.9
Province 4	92.8	39.2	88.5	87.0	85.6	33.2	85.6	88.5
Province 5	89.6	60.6	79.7	83.1	80.9	20.5	65.2	83.1
Province 6	81.8	51.5	78.8	78.8	81.8	33.3	69.7	81.8
Province 7	90.7	37.2	90.7	79.1	79.1	23.3	74.4	83.7
Total	88.0	47.2	86.8	83.3	83.5	26.4	70.3	84.4

Table S5: Percentage of facilities with essential medicines for client services

	Facility type		Managing authority			Ecological region			Province							Total
	Government hospitals	Private hospitals	PH CCs	Public	Private	Municipal	Health	Territorial	Province 1	Province 2	Province 3	Province 4	Province 5	Province 6	Province 7	
Essential medicines																
Amlodipine tablets or alternative calcium channel blocker	64.9	68.2	17.5	33.5	68.2	55.6	47.4	9	42.6	40.9	58.5	72.6	46.2	42.4	51.2	51.5
Amoxicillin syrup/suspension or dispersible tablet	44.7	57.4	22.8	30.2	57.4	42.2	36.1	5	25.2	41.9	53.3	63.9	38.3	36.4	46.5	44.3
Amoxicillin tablet	91.5	71.3	93.2	92.6	71.3	93.3	76.5	6	72.5	79.2	82.1	92.8	79.4	84.8	93.0	81.5
Ampicillin powder for injection	39.2	36.7	10.2	20.0	36.7	31.1	26.4	6	26.7	25.1	31.2	27.6	25.8	24.2	41.9	28.7
Aspirin cap/tab	54.4	63.6	13.6	27.4	63.6	53.3	40.3	8	42.6	28.2	57.4	66.8	38.3	27.3	41.9	46.2
Beclometasone inhaler	13.3	31.2	12.1	12.5	31.2	8.9	19.5	8	11.6	20.8	27.4	40.6	18.6	9.1	18.6	22.3
Beta blocker (e.g.bisoprolol,metoprolol,carvedilol,atenoll)	50.4	53.9	35.9	40.8	53.9	51.1	40.1	2	40.2	34.4	54.4	68.3	43.7	39.4	46.5	47.6
Carbamazepine	22.9	38.6	2.9	9.7	38.6	15.6	25.8	0	18.0	23.2	29	45.2	9.1	15.2	32.6	24.7
Ceftriaxone injection	62.0	67.6	13.6	29.9	67.6	46.7	44.8	4	36.1	34.7	61.5	65.4	45.6	36.4	55.8	49.5
Diazepam injection	70.6	57.1	26.2	41.2	57.1	62.2	38.7	9	36.5	36.1	57.4	75.5	43.4	36.4	58.1	49.4

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Enalapril tablet or alternative ACE inhibitor e.g.lisinopril, Ramipril, perindopril	3.8	19.6	0	1.3	19. 6	6.7	1 5 .1	6.9	9.0	4. 8	16 .4	21.9	4.2	3.0	4.7	10. 8
Fluoxetine tablet (not found in 2015 NHFS), Amitriptyline is used instead	52.5	57.1	11. 2	25. 1	57. 1	46. 7	4 6 .4	36. 1	38.3	25 .1	47 .8	63.9	34.5	42.4	39.5	41. 8
Gentamycin injection	83.7	64.4	83. 0	83. 2	64. 4	82. 2	7 5 .2	69. 5	66.3	71	65 .9	94.2	73.9	81.8	93	73. 4
Glibenclamide tablet	17.4	28.7	4.8	9.1	28. 7	8.9	6 5 .5	13. 2	15.2	2. 1	26 .4	42.1	14.6	6.1	18.6	19. 3
Haloperidol (not found in 2015 NHFS), Chlorpromazine is used instead	17.1	30.3	5.8	9.6	30. 3	20. 0	7 7 .2	13. 3	10.2	12 .6	28	30.5	21.2	12.1	18.6	20. 4
Insulin regular injection	17.2	50.0	0	5.8	50	13. 3	3 3 .6	26. 1	18	26 .8	39 .1	46.4	21.4	12.1	14.0	28. 8
Magnesium sulphate injectable	80.8	42.3	79. 5	80	42. 3	82. 2	3 3 .7	53. 4	51.7	58	55 .4	82.7	58.9	69.7	72.1	60. 3
Metformin tablet	58.2	67.8	16. 0	30. 3	67. 8	48. 9	5 5 .1	44. 3	38.7	38 .8	59 .1	75.5	42.8	33.3	46.5	49. 8
Omeprazole tablet or alternative such as pantoprazole, rabeprazole	90.5	72.8	52. 8	65. 6	72. 8	71. 1	4 4 .9	63. 1	61.4	56 .3	77 .6	79.8	73.3	60.6	62.8	69. 3
ORS	88.6	73.0	90. 3	89. 7	93. 73	8 3	8 4	75. 8	72.5	78 .2	82 .1	91.3	79.0	87.9	88.4	81. 0

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Oxytocin	87.5	60.1	84	85. 2	60. 1	93. 3	. 2	67. 7	63.3	72 .1	64 .3	92.8	77.3	78.8	83.7	72. 1	
							8 1										
Salbutamol inhaler	83.9	68.0	88. 8	87. 2		86. 7	. 6	71. 1	68.6	70 .3	79 .5	89.9	77.1	75.8	86.0	77. 2	
Simvastatin tablet or other statin (e.g. atorvastatin, pravastatin, fluvastatin)	8.7	18.4	1.5	3.9	18. 4	6.7	. 8		6.6	10.4	0	19	17.5	4.2	12.1	9.3	11. 5
							1 8										
Thiazide (e.g.hydrochlorot hiazide)	17.2	24.8	2.9	7.7	24. 8	13. 3	. 4	15. 3	15		1. 0	28	17.5	13.4	9.1	14.0	16. 6
Zinc sulphate tablets, dispersible or syrup	84.8	61.3	99. 0	94. 2	61. 3	88. 9	. 7	69. 3	73.3	80 .2	66 .5	95.7	78.6	84.8	90.7	77. 1	