

# DISTRICT PROFILES

## MALAWI HHFA 2018/19



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These district profiles were created using data from the 2018/19 Malawi Harmonized Health Facility Assessment.

### District Overview



### Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 22 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 51.93**



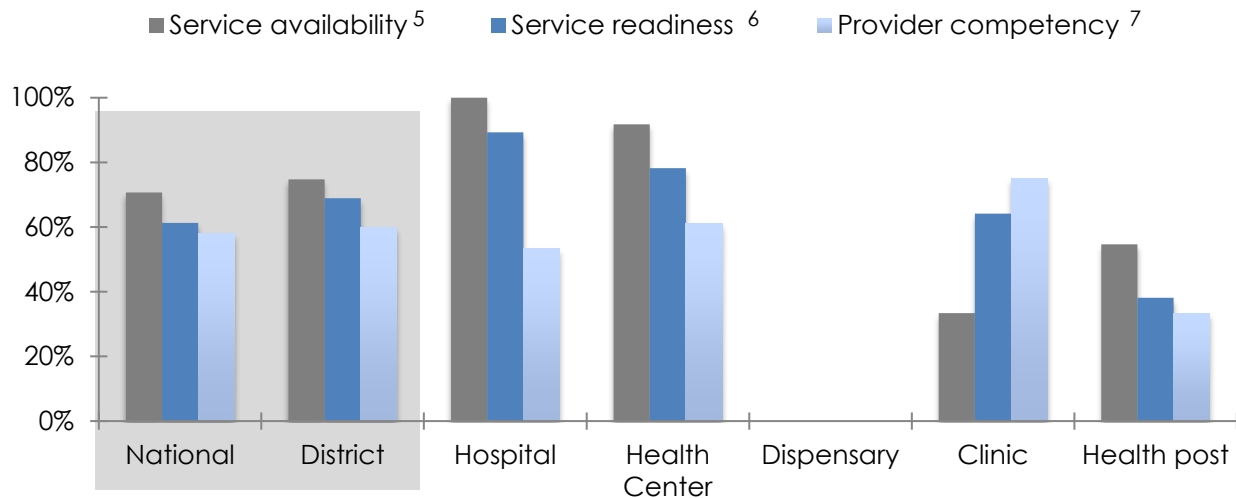
**Absenteeism** <sup>4</sup>

**N: 18%**

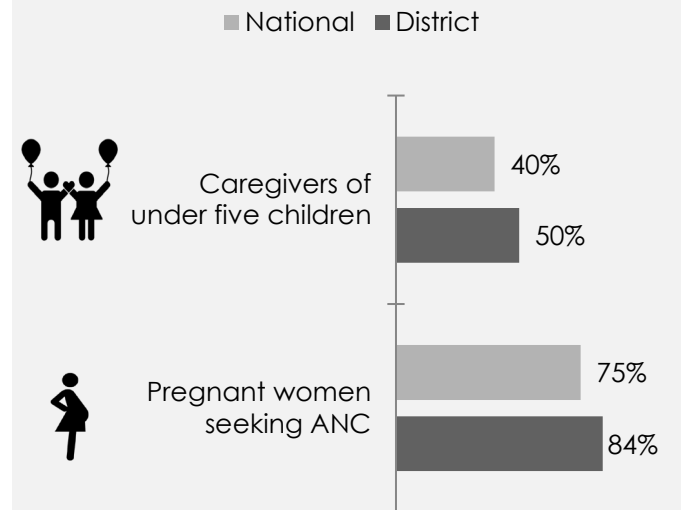
**D: 23%**



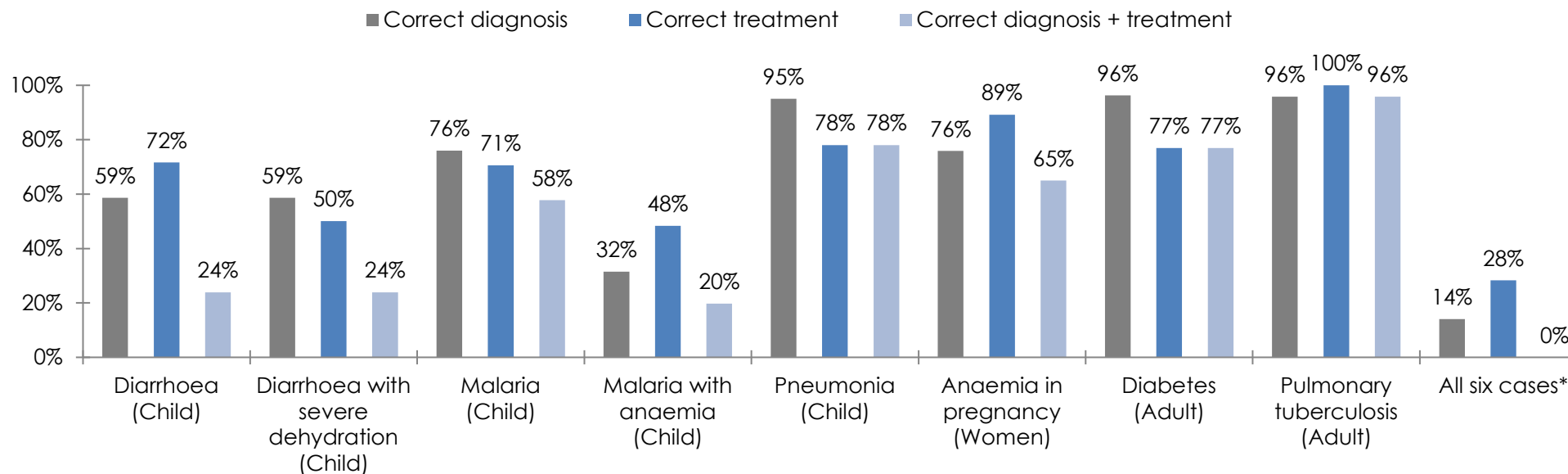
### Overall Performance for Delivering the Essential Health Package



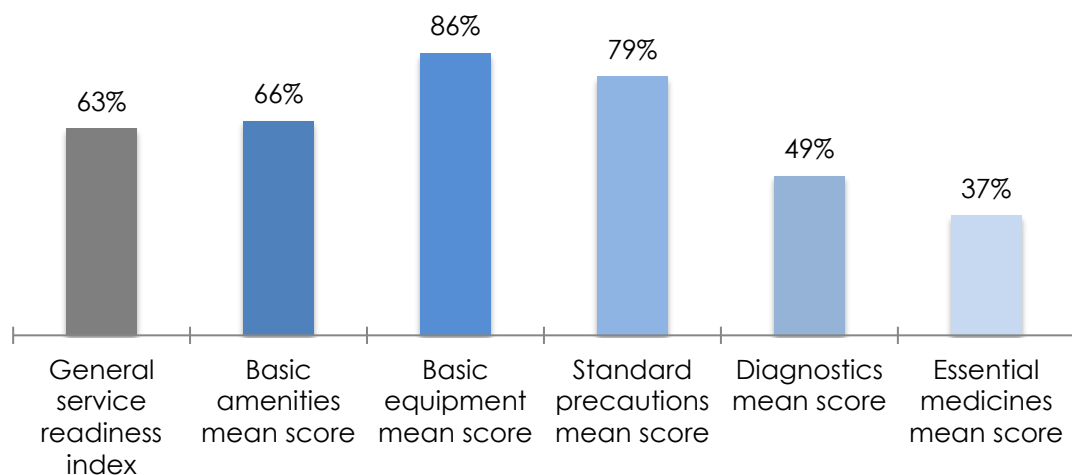
### Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



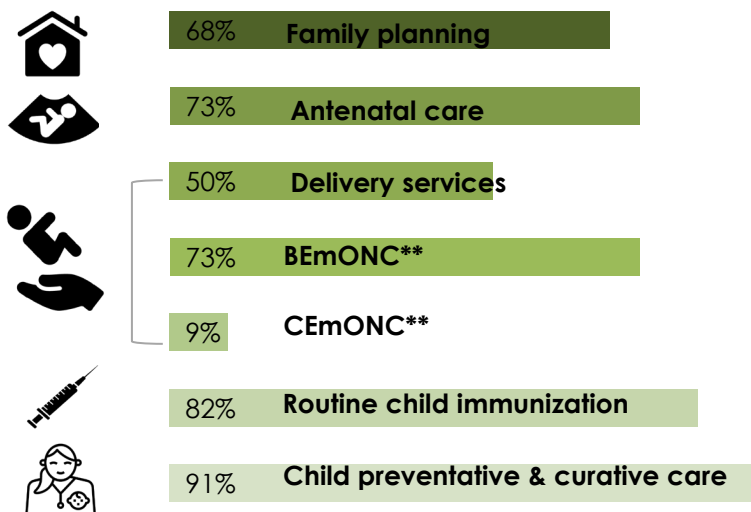
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Carbamazepine tablet	5%	5%
Diazepam (injectable)	6%	5%
Fluoxetine tablet	2%	5%
Haloperidol tablet	3%	5%
Computer with internet	21%	9%
Haemoglobin	14%	9%
Insulin regular injection	11%	9%
Simvastatin tablet	10%	9%
Ampicillin powder	15%	14%
Beclomethasone inhaler	13%	14%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

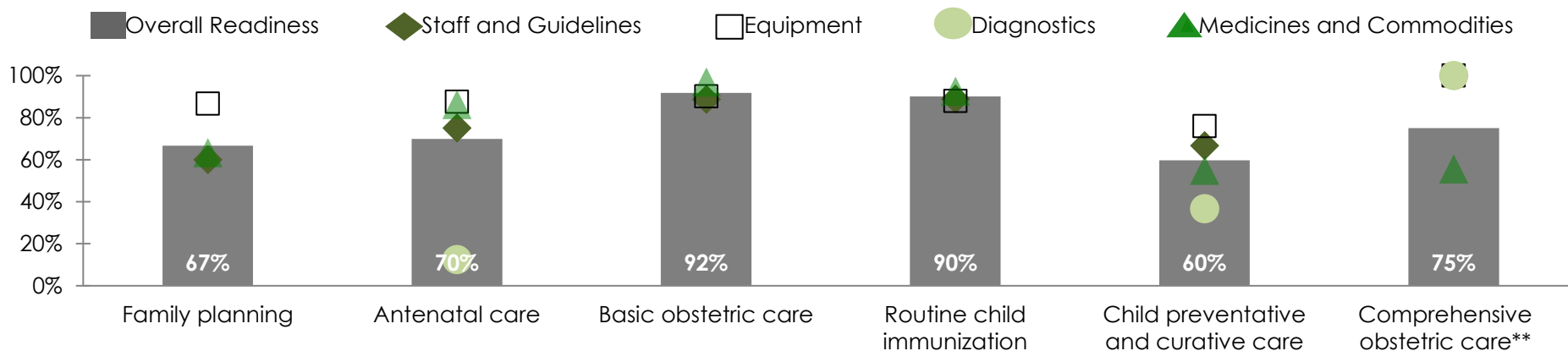


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Lidocaine 5%	53%	0%
Epinephrine injectable	54%	0%
Thiopental powder	47%	0%
Suxamethonium bromide powder	39%	0%
Haemoglobin	14%	10%
Urine dipstick - protein	26%	13%
General microscopy/wet mounts	22%	15%
Amoxicillin syrup/suspension	62%	45%
Co-trimoxazole suspension	30%	45%
Vitamin A capsules	45%	47%

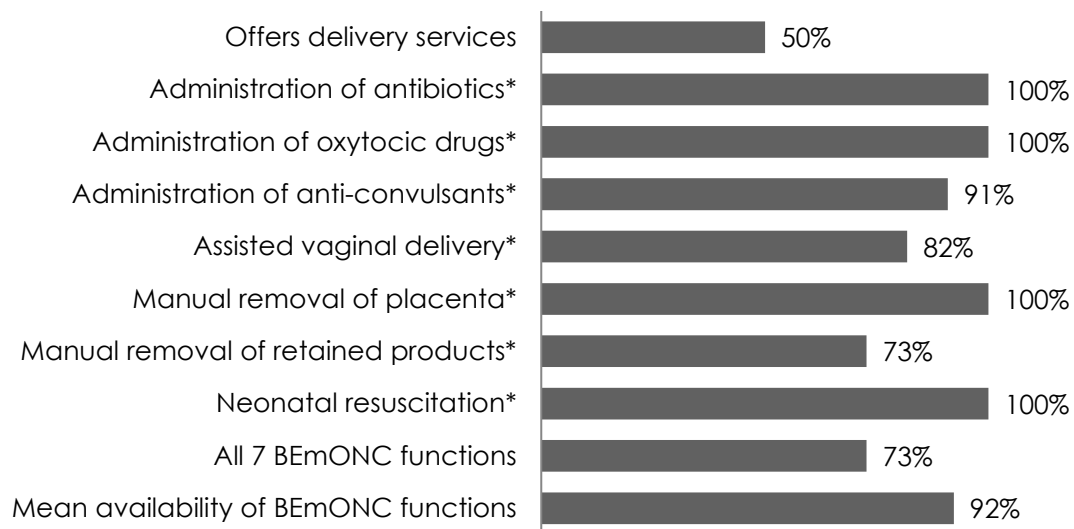
### Readiness\* to Provide MNCH Services



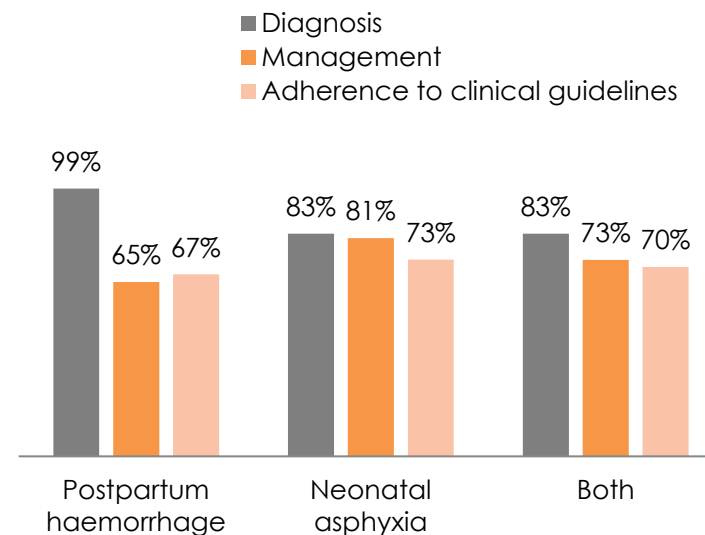
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.  
 \*\* Only includes facilities offering delivery services  
 BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions

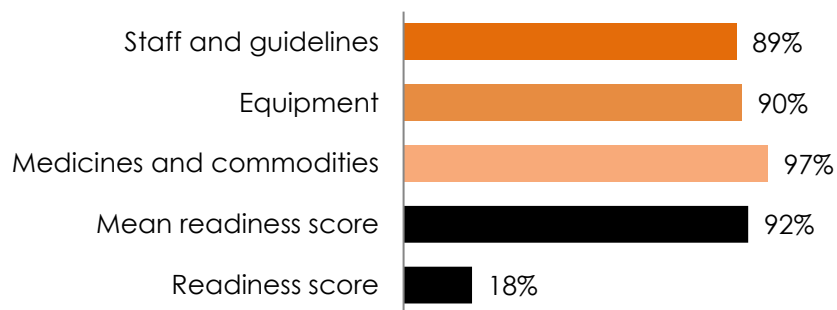


### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services

■ Staff and Guidelines ■ Equipment ■ Medicines and Commodities ■ Readiness Score



### Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Staff trained childbirth care	40%	64%
Sterilization equipment	47%	73%
Manual vacuum extractor	47%	82%
Vacuum aspirator or D&C kit	37%	82%
Infant weighing scale	84%	82%
Staff trained resuscitation	63%	91%
Emergency transportation	82%	91%
Examination light	58%	91%

\* BEmONC signal function

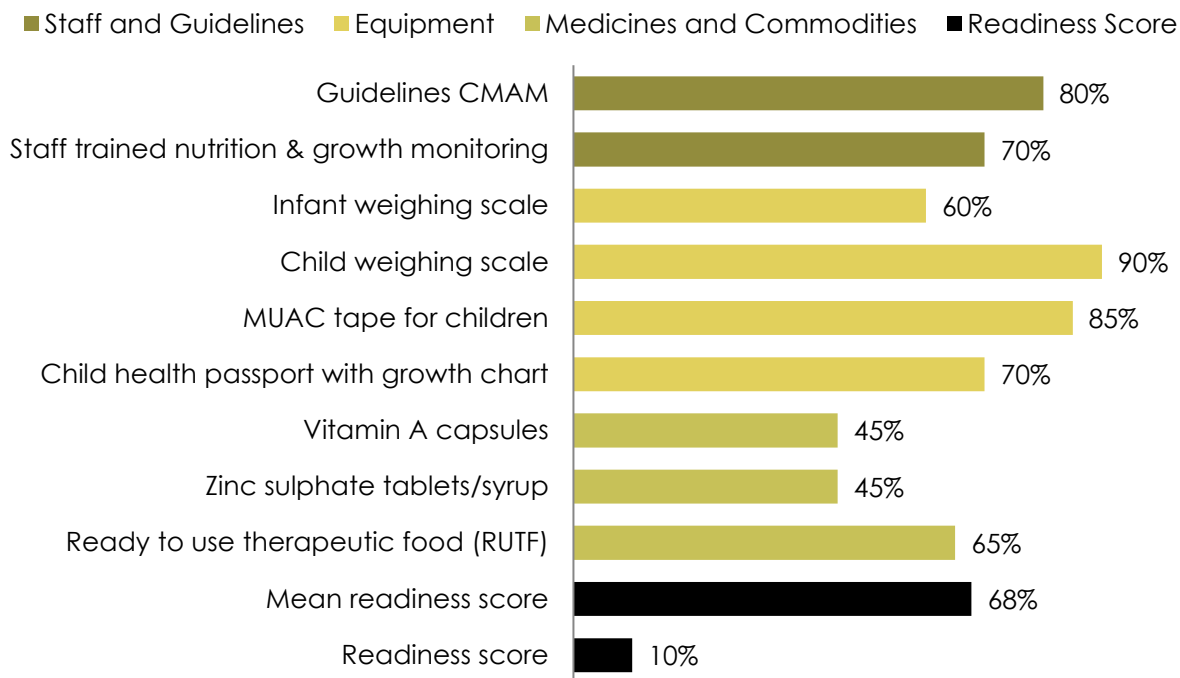
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

**N** = National Average, **D** = District Average

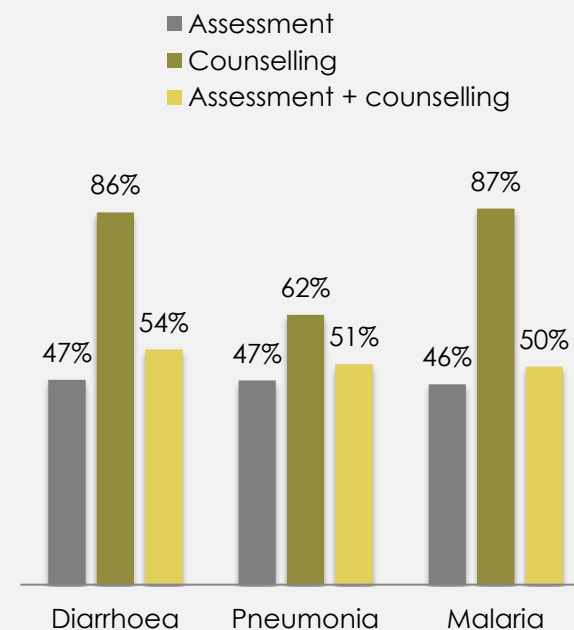
### Percentage of facilities that offer child nutrition services



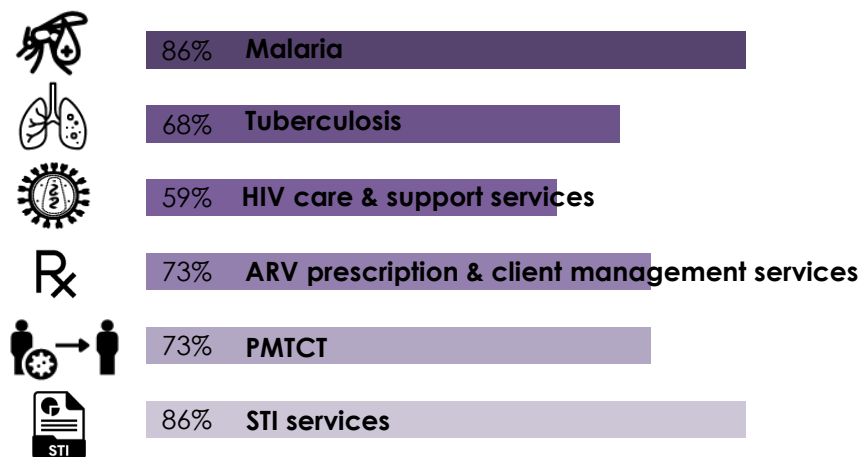
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

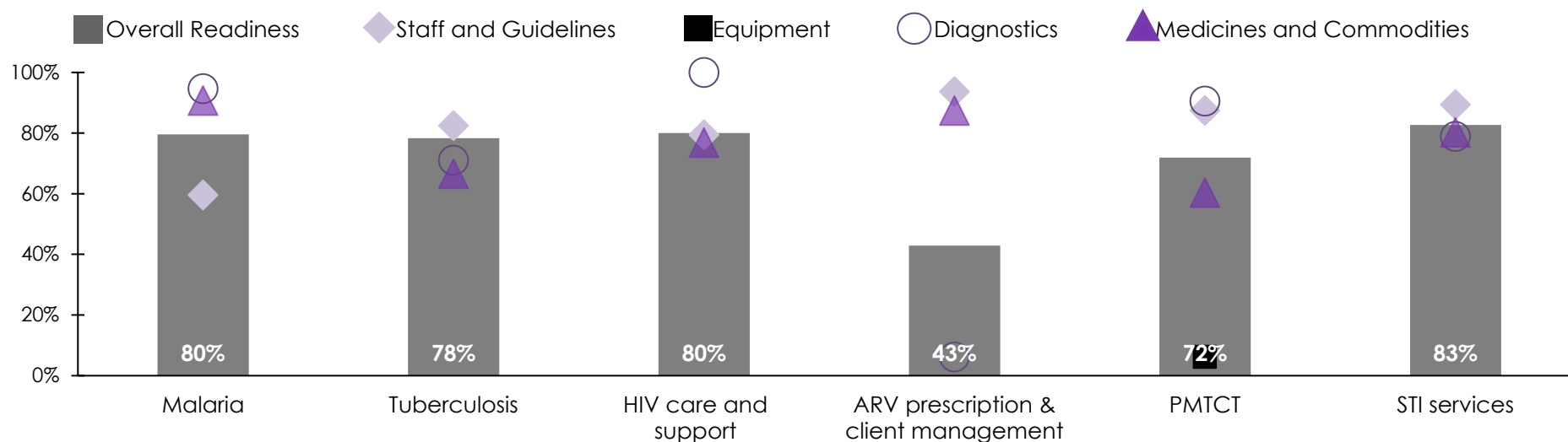


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
CD4 count or viral load test	8%	0%
Renal function test	8%	6%
Liver function test	8%	6%
Visual and auditory privacy PMTCT	3%	6%
Full blood count	16%	13%
Zidovudine syrup	17%	13%
IV treatment fungal infections	12%	23%
Guidelines for palliative care	39%	38%
TB microscopy	32%	40%
Staff trained IPT	25%	47%

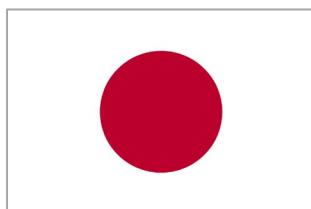
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N = National Average, D = District Average

The district profile project used data from the 2018/19 Malawi Harmonized Health Facility Assessment and was generously funded by the World Bank (WB), the Government of Japan (through the Japan Policy and Human Resources Development Fund, administered by the WB), and the Global Financing Facility. Other partners supported the Malawi HHFA technically and financially, including the Global Fund to fight AIDS, Tuberculosis and Malaria, the World Health Organization, the Clinton Health Access Initiative and the United States Agency for International Development.



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#### District Overview Data Sources

Population & Children below five: Malawi National Statistics Office Population and Housing Census 2018

Poverty rate: Malawi National Statistics Office Integrated Household Survey 2016/2017

Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

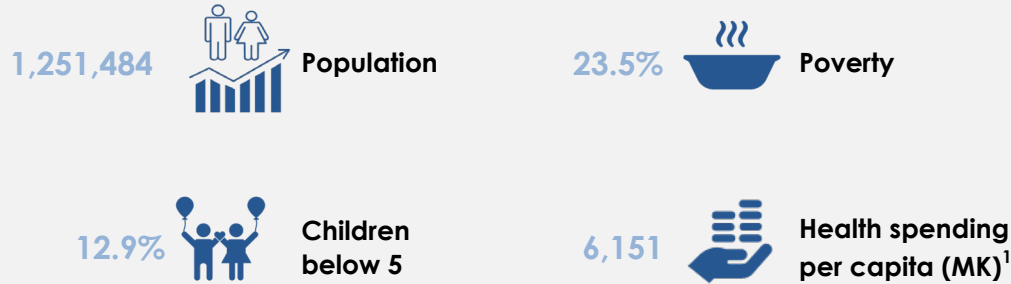
<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

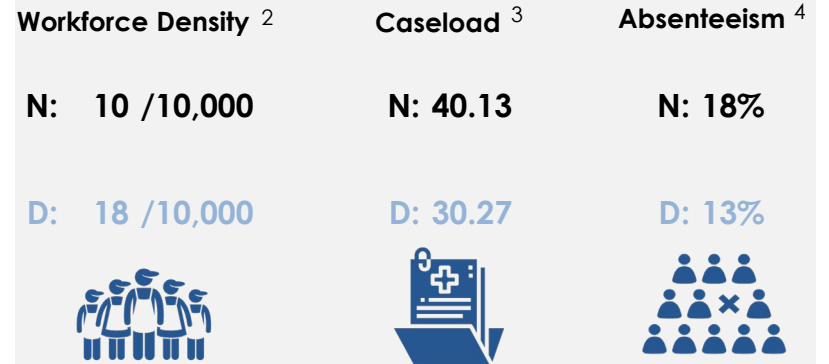
<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility



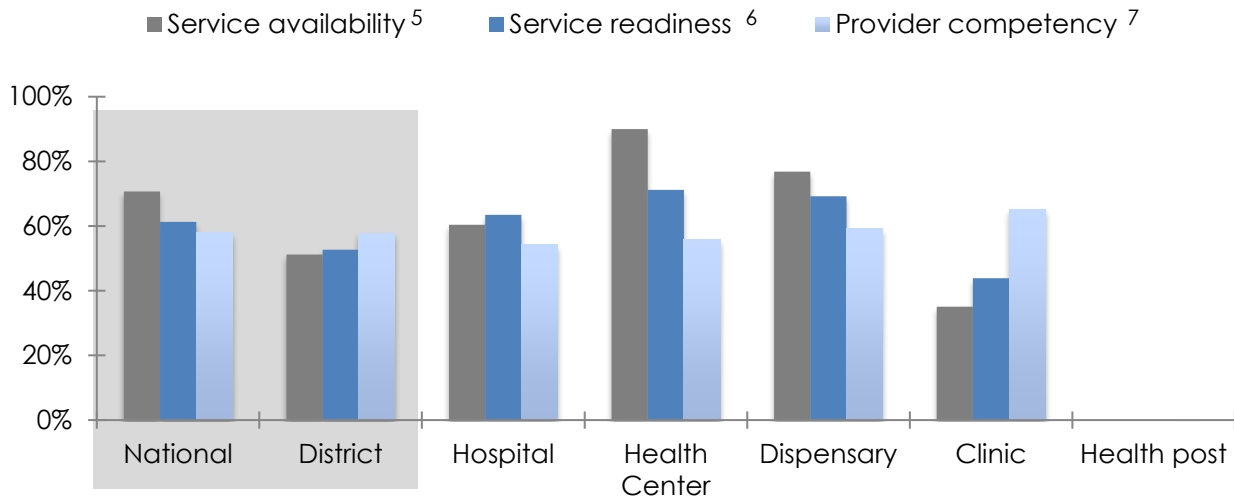
### District Overview



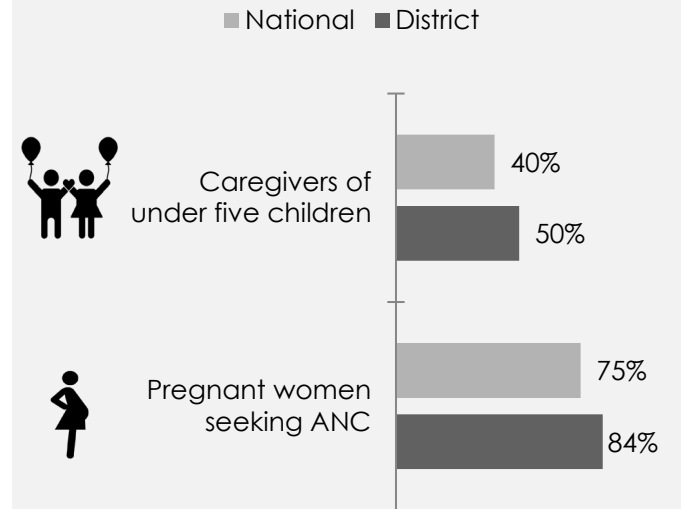
### Health Workforce



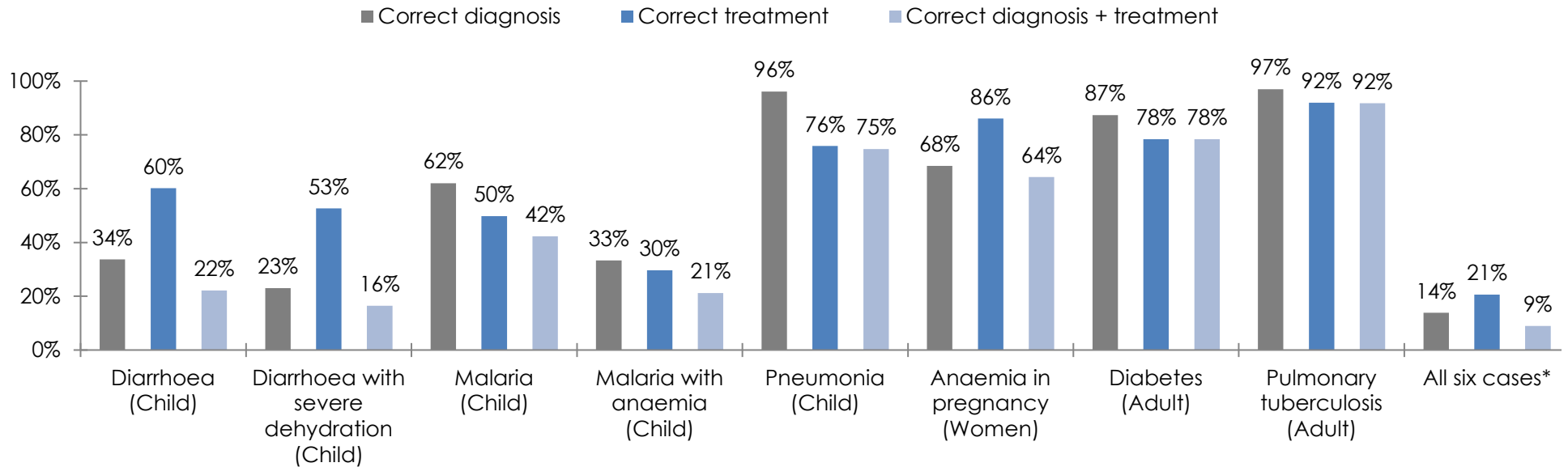
### Overall Performance for Delivering the Essential Health Package



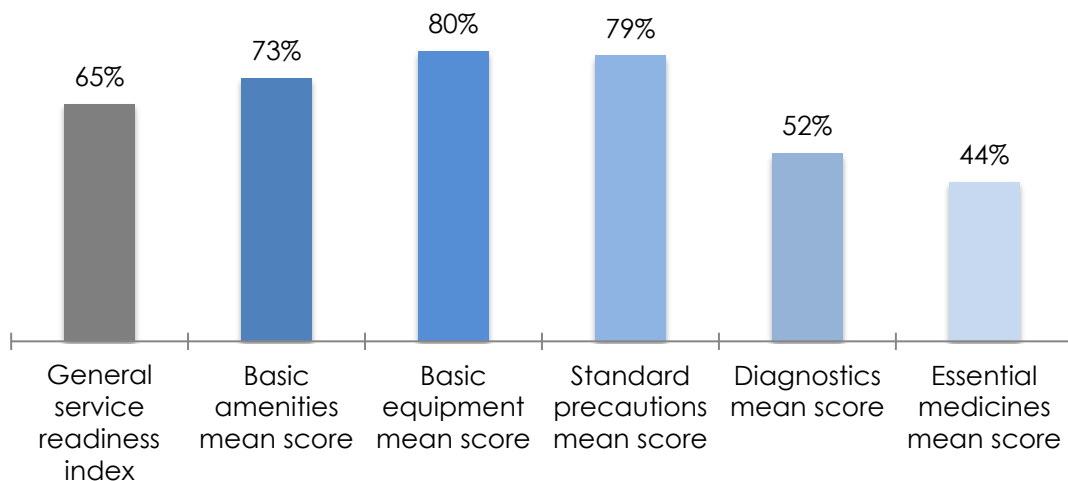
### Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



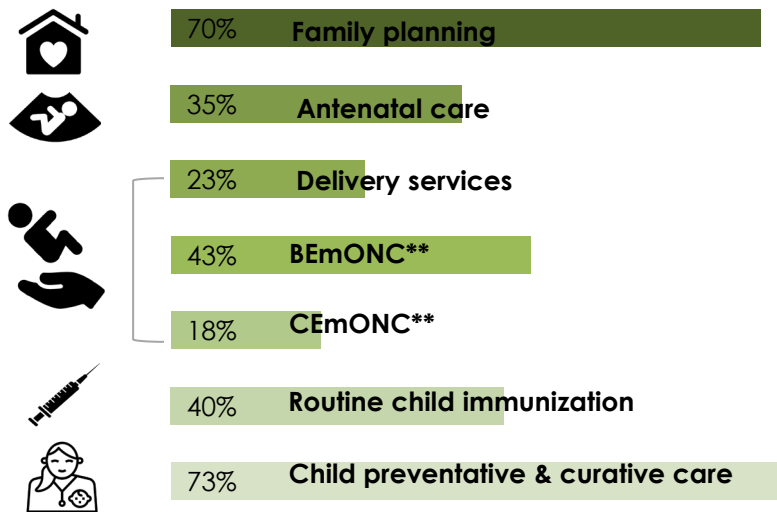
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	2%
Fluoxetine tablet	2%	2%
Carbamazepine tablet	5%	3%
Diazepam (injectable)	6%	3%
Simvastatin tablet or other statin	10%	12%
Haemoglobin	14%	15%
Insulin regular injection	11%	17%
Ampicillin powder for injection	15%	17%
Beclomethasone inhaler	13%	25%
Computer with internet	21%	31%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

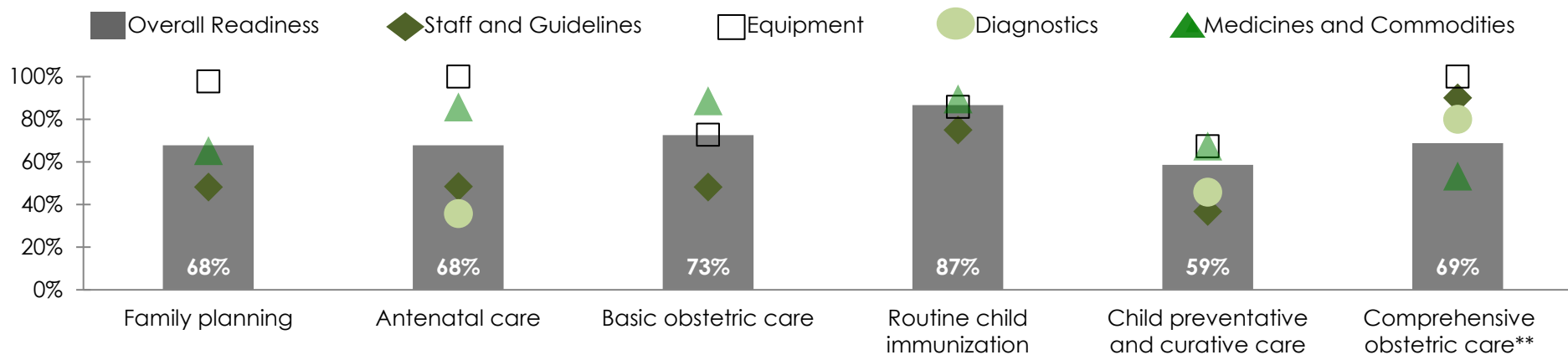


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Lidocaine 5%	53%	0%
Haemoglobin	14%	16%
Guidelines IMCI	45%	26%
Haemoglobin	18%	26%
Staff trained ANC	42%	26%
Staff trained essential childbirth care	40%	29%
General microscopy/wet mounts	22%	30%
Staff trained growth monitoring	53%	35%
Injectable contraceptives	54%	38%
Examination light	58%	39%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

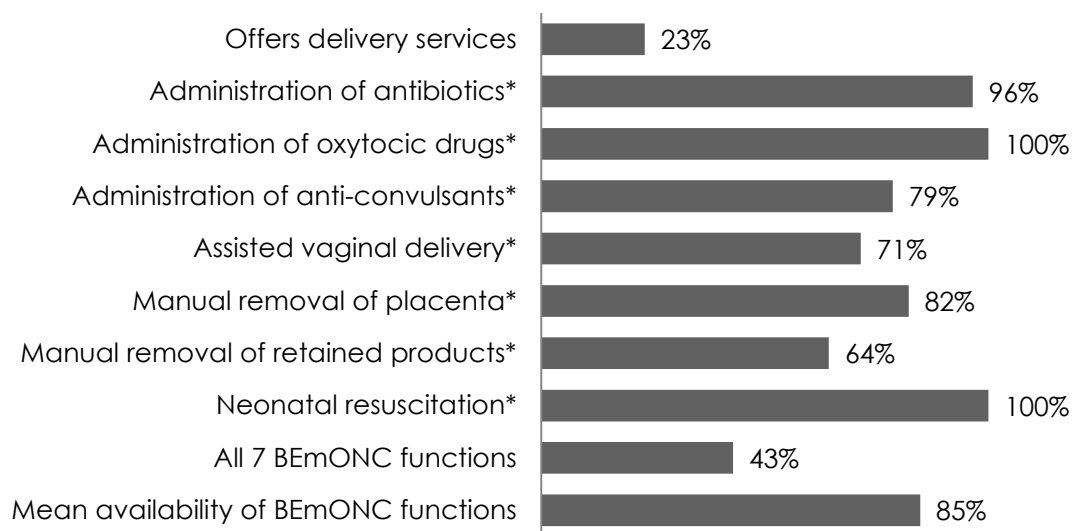
Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

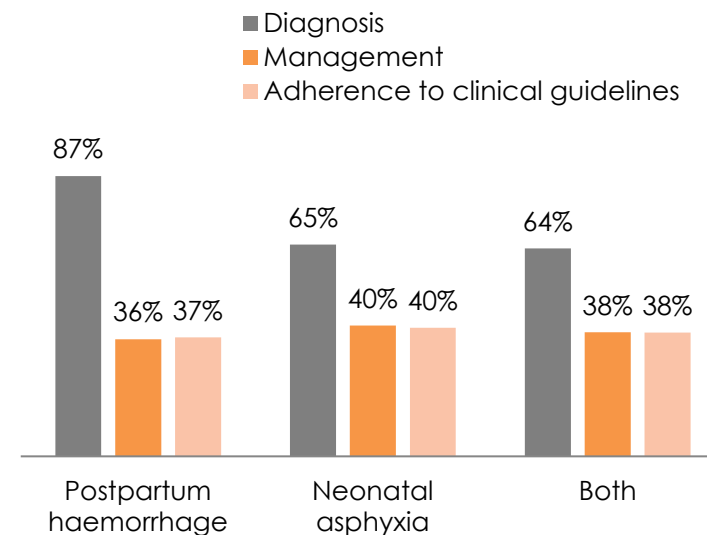
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**N** = National Average, **D** = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions

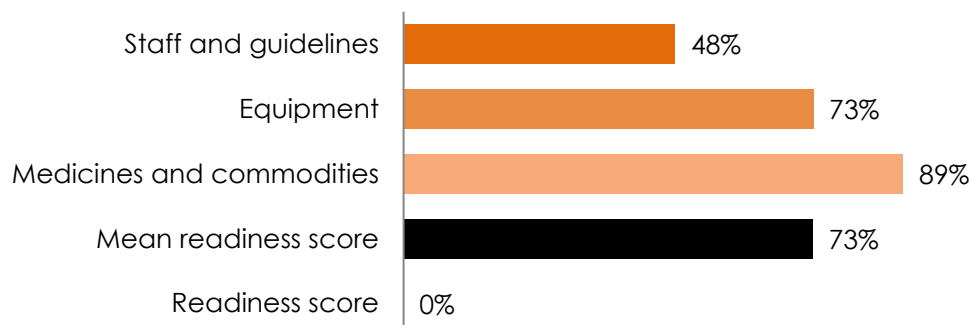


### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services

■ Staff and Guidelines ■ Equipment ■ Medicines and Commodities ■ Readiness Score



### Least Available Delivery Readiness Items

Percent of facilities with:

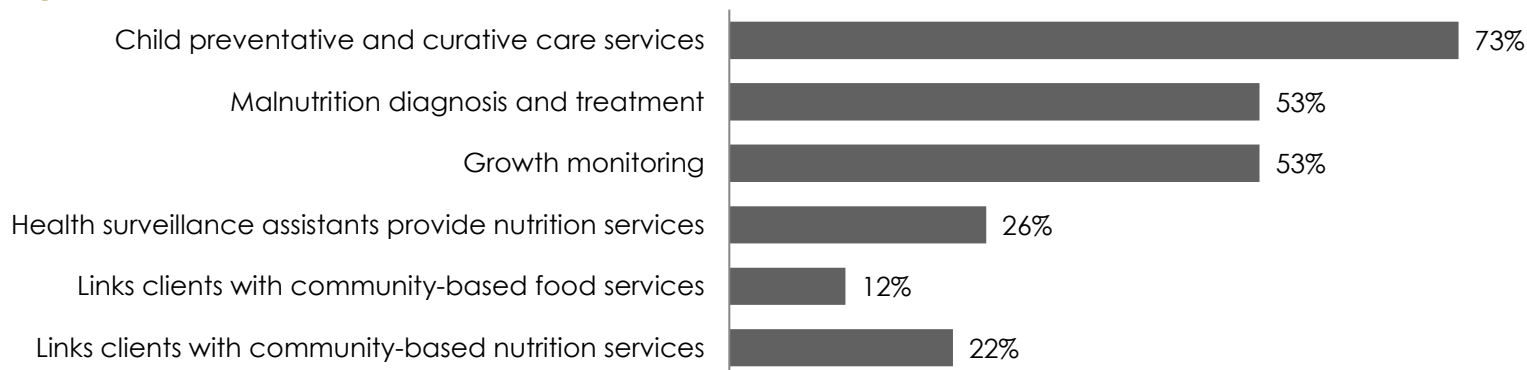
Item	N	D
Staff trained essential childbirth care	40%	29%
Examination light	58%	39%
Vacuum aspirator or D&C kit	37%	46%
Guidelines essential childbirth care	61%	50%
Staff trained newborn resuscitation	63%	57%
Check-lists / job aids for essential childbirth care	64%	57%
Sterilization equipment	47%	61%
Delivery bed	55%	61%

\* BEmONC signal function

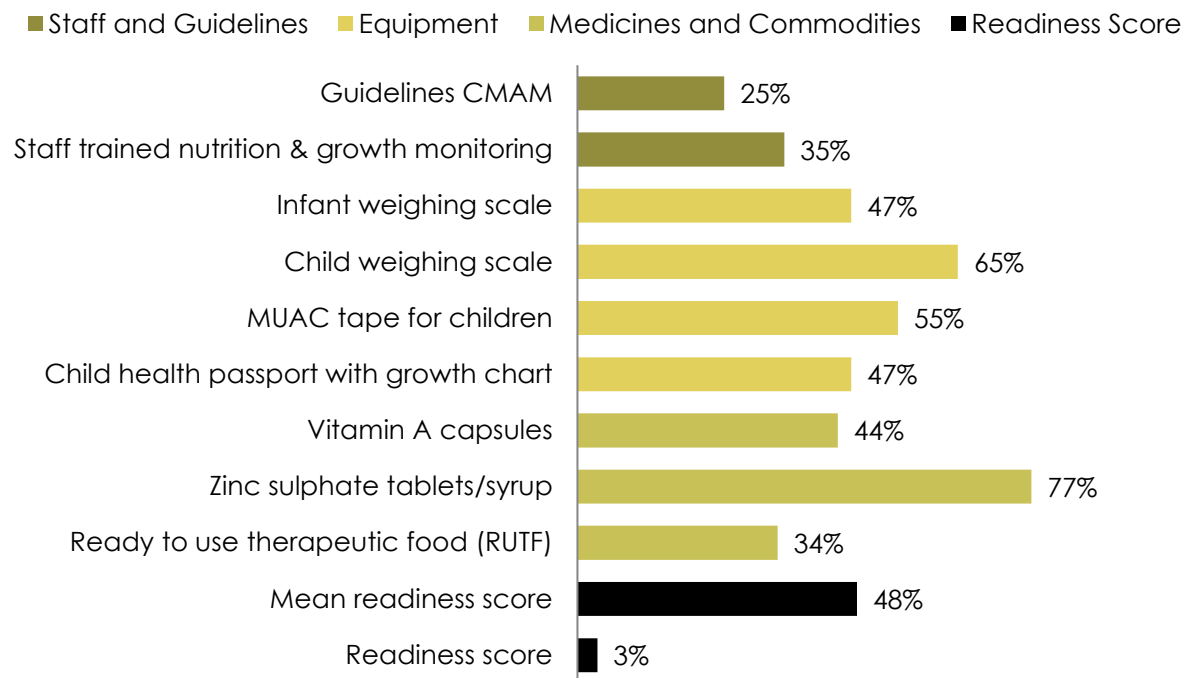
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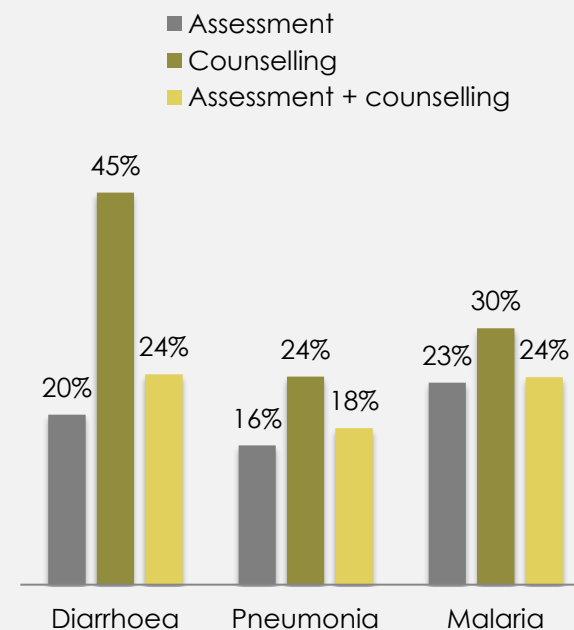
### Percentage of facilities that offer child nutrition services



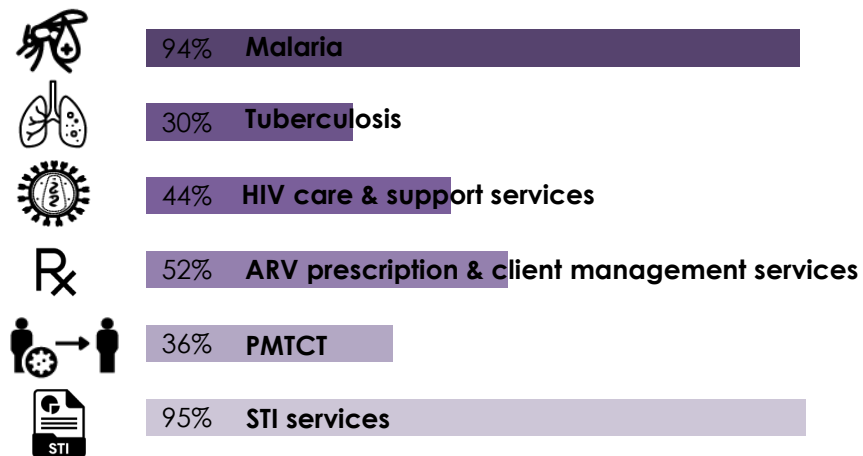
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

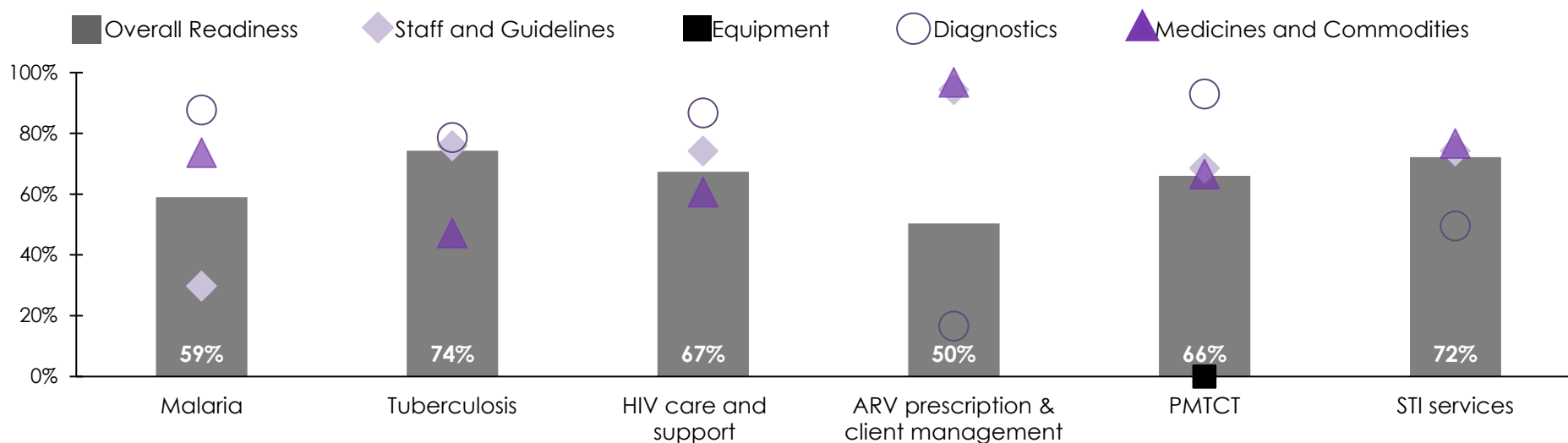


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Staff trained IPT	25%	9%
CD4 count or viral load test	8%	11%
Renal function test	8%	14%
Liver function test	8%	14%
IV treatment fungal infections	12%	17%
Zidovudine syrup	17%	21%
Guidelines IPT	41%	22%
Full blood count	16%	27%
First line TB medications	39%	28%

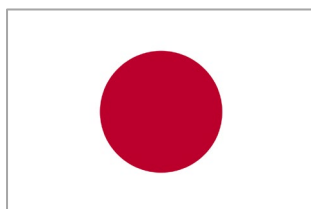
### Readiness\* to Provide Communicable Disease Services



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#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

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<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

Workforce Density <sup>2</sup>

**N: 10 /10,000**

**D: 10 /10,000**



Caseload <sup>3</sup>

**N: 40.13**

**D: 26.64**



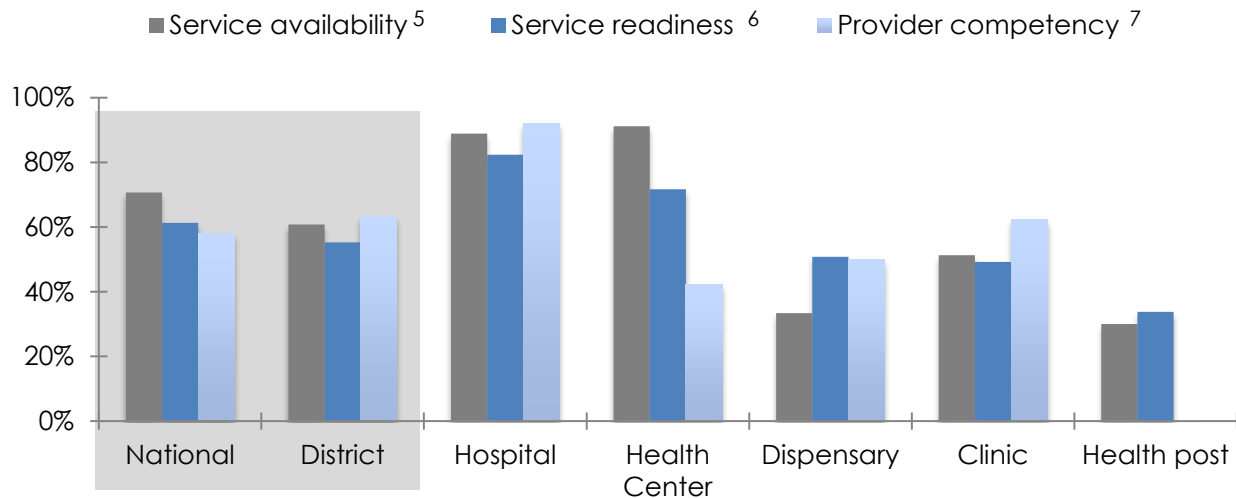
Absenteeism <sup>4</sup>

**N: 18%**

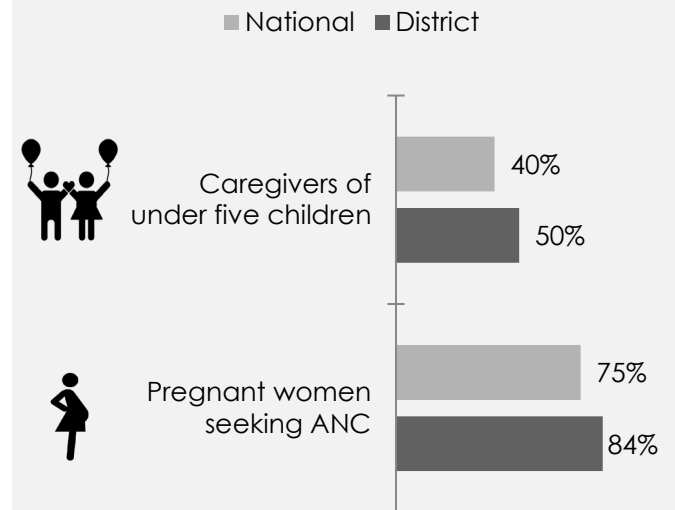
**D: 20%**



## Overall Performance for Delivering the Essential Health Package

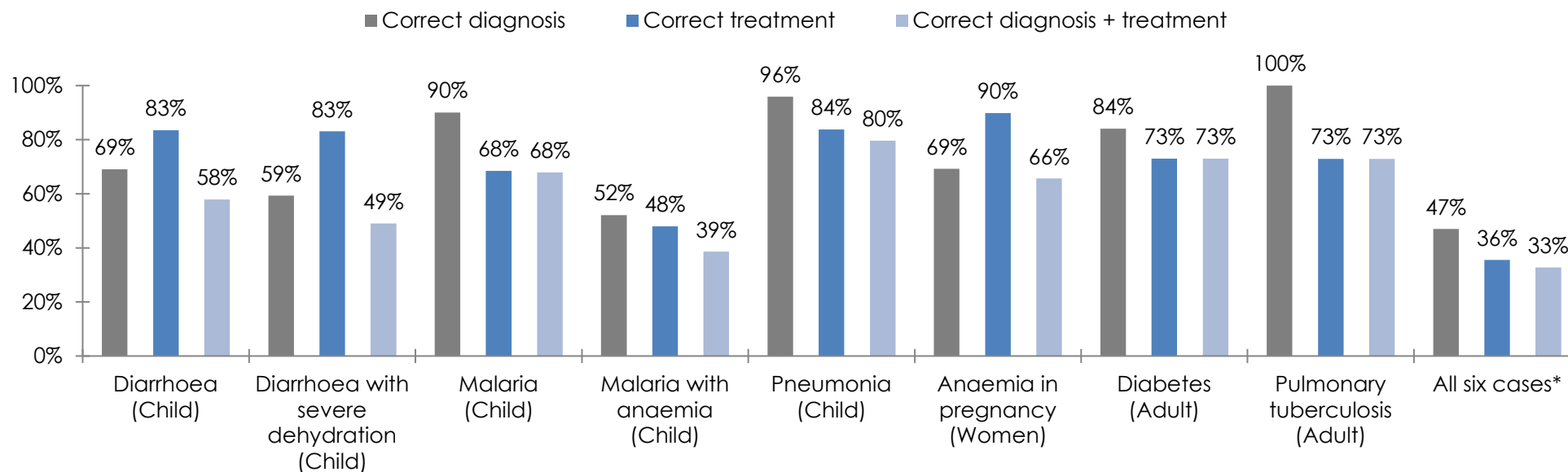


## Client Reported Quality of Visit <sup>8</sup>

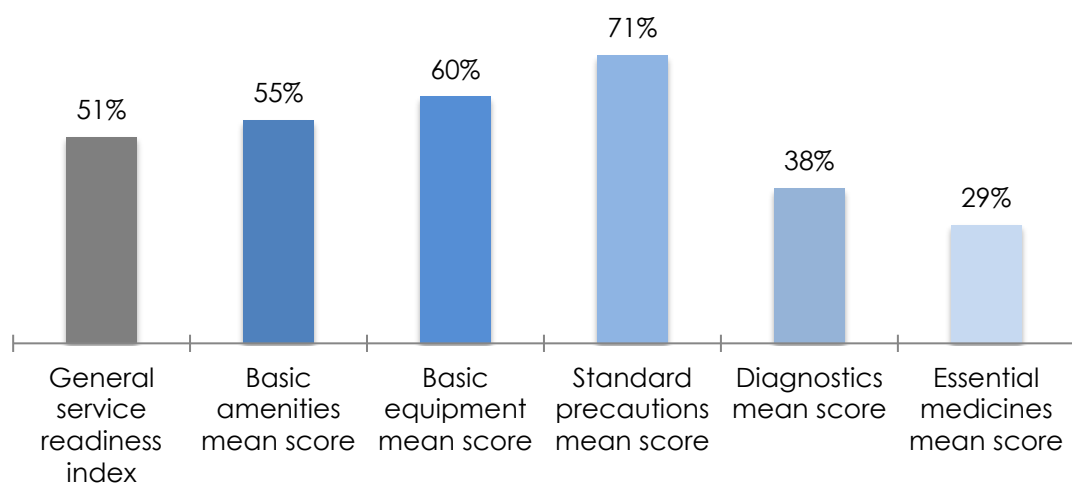




## Provider Competency



## General Facility Infrastructure



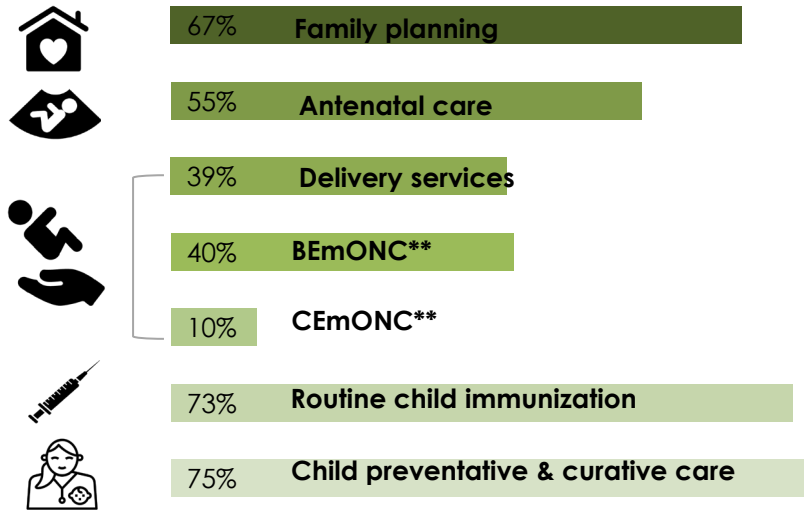
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	2%
Carbamazepine tablet	5%	4%
Simvastatin tablet/other statin	10%	4%
Diazepam (injectable)	6%	6%
Beclomethasone inhaler	13%	6%
Computer with internet	21%	10%
Haemoglobin	14%	10%
Insulin regular injection	11%	12%
Ampicillin powder for injection	15%	12%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

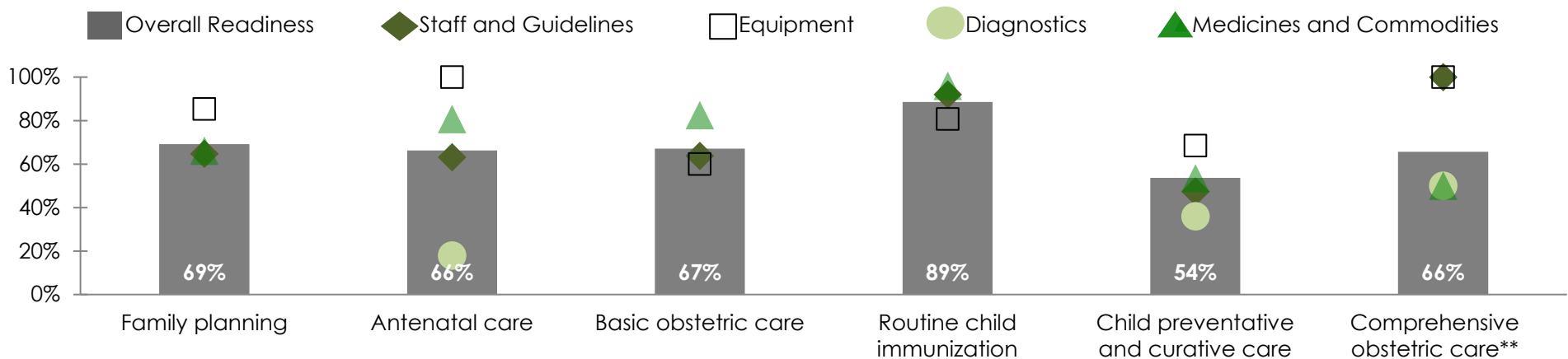


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Blood supply sufficiency	47%	0%
Atropine injectable	71%	0%
Haemoglobin	14%	8%
General microscopy/wet mounts	22%	13%
Haemoglobin	18%	14%
Vacuum aspirator or D&C kit	37%	20%
Urine dipstick - protein	26%	21%
Co-trimoxazole suspension	30%	26%
Guidelines IMCI	45%	29%
Sterilization equipment	47%	30%

### Readiness\* to Provide MNCH Services



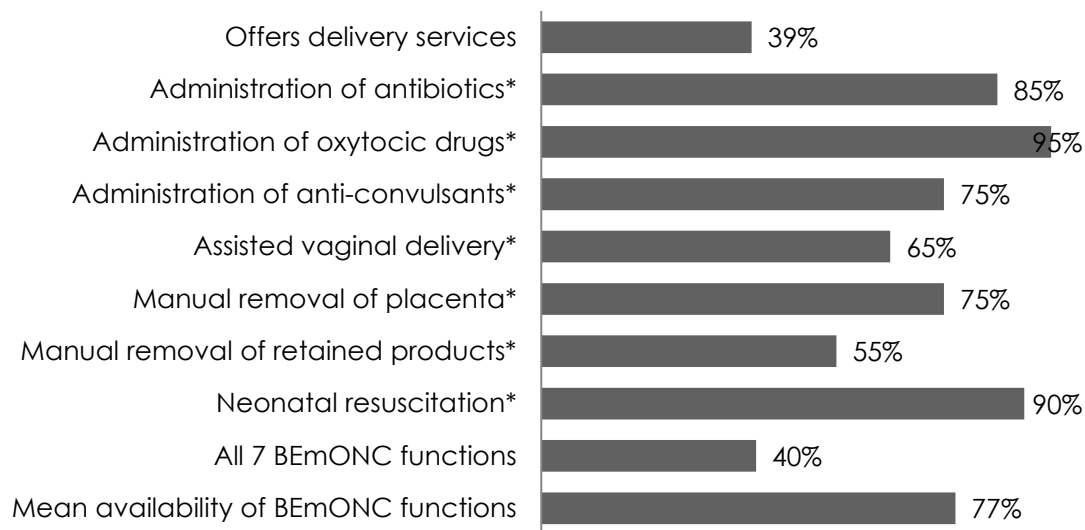
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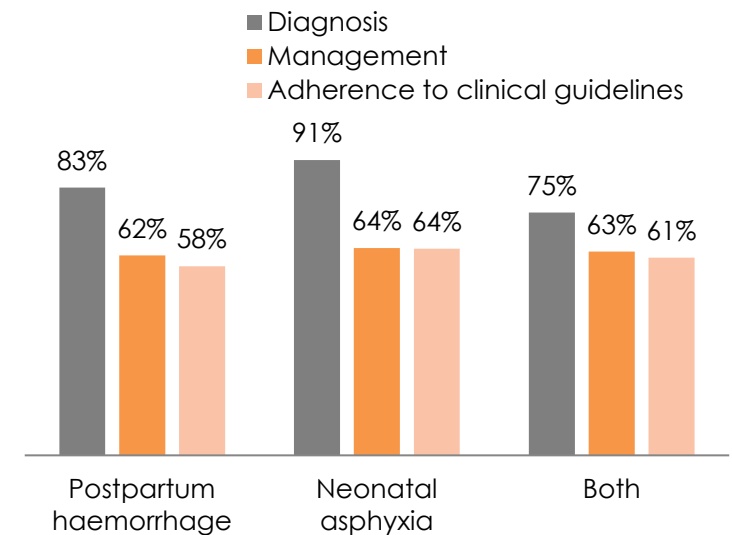
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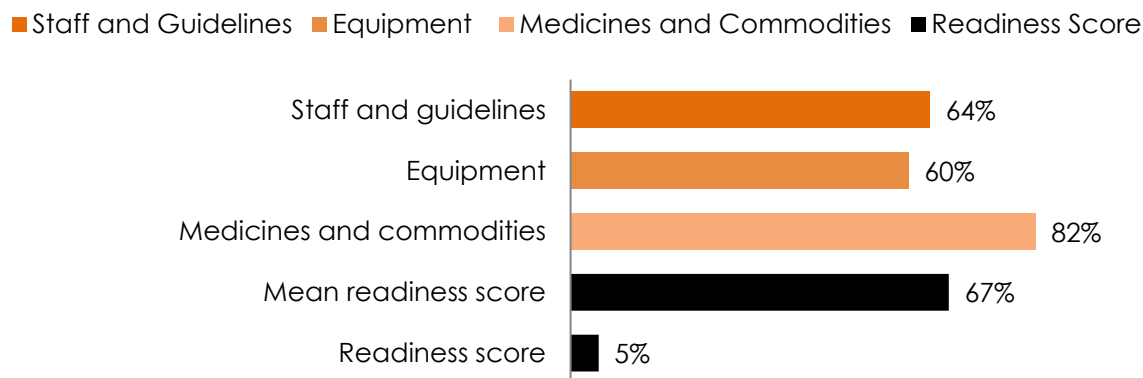
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Vacuum aspirator or D&C kit	37%	20%
Sterilization equipment	47%	30%
Manual vacuum extractor	47%	30%
Examination light	58%	35%
Delivery bed	55%	40%
Staff trained essential childbirth care	40%	50%
Intravenous solution with infusion set	62%	50%
Guidelines essential childbirth care	61%	60%

\* BEmONC signal function

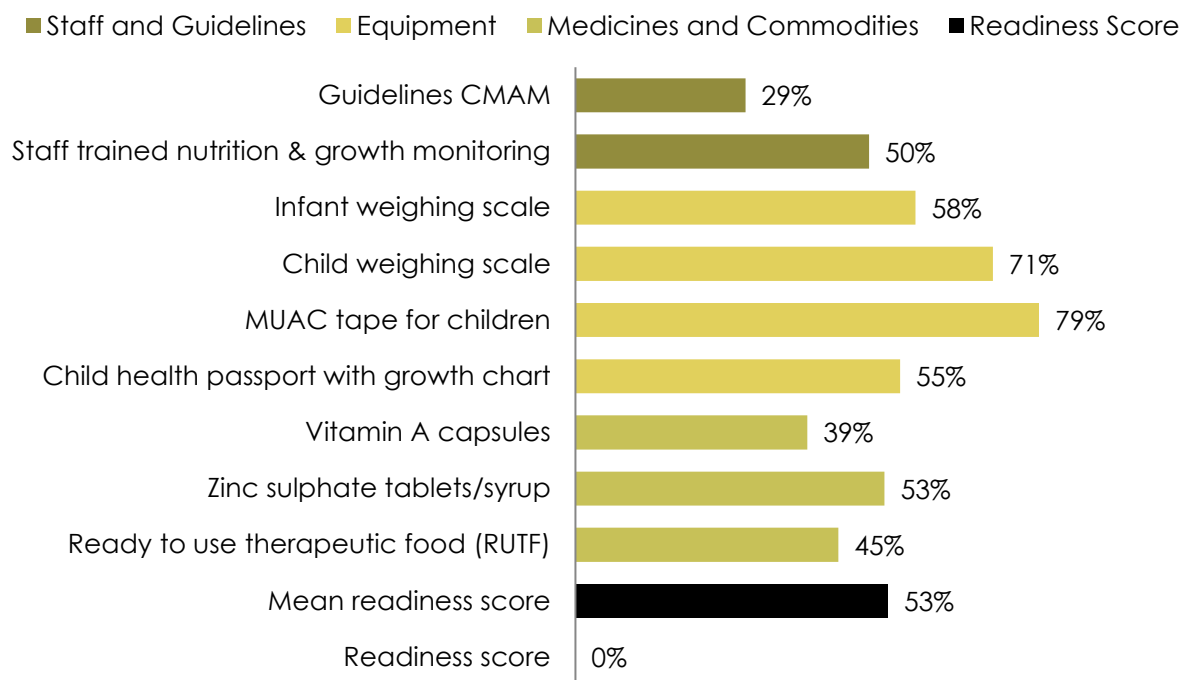
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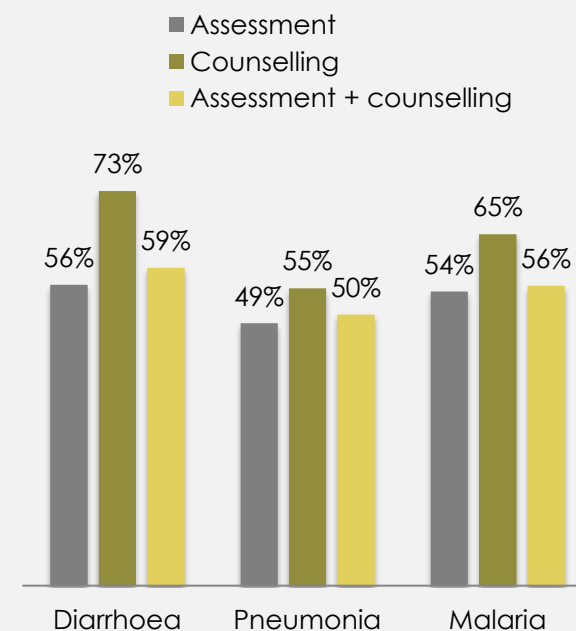
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

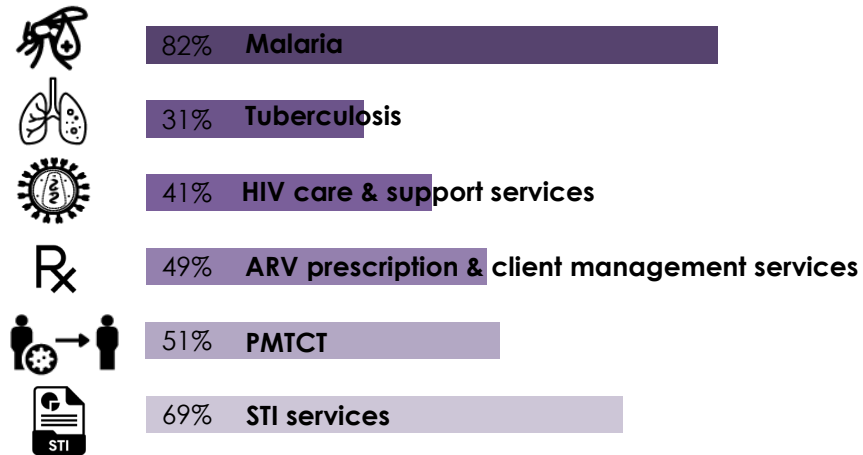


### Provider competency on assessment and counselling of nutrition for sick children



Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Percentage Availability of Communicable Disease Services

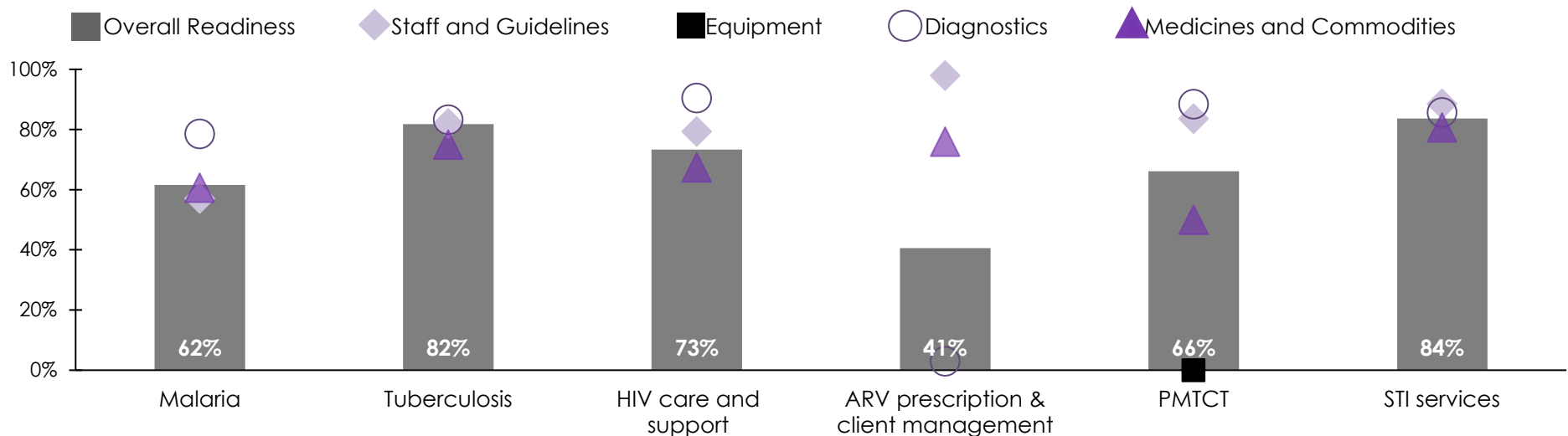


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Renal function test	8%	0%
Liver function test	8%	0%
Visual and auditory privacy PMTCT area	3%	0%
Zidovudine syrup	17%	4%
Full blood count	16%	4%
IV treatment fungal infections	12%	5%
CD4 count or viral load test	8%	8%
Staff trained IPT	25%	36%
Guidelines for palliative care	39%	43%
Intravenous solution with infusion set	49%	43%

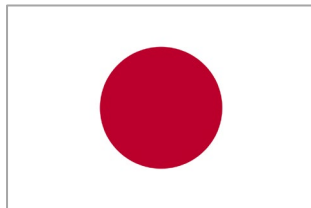
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N = National Average, D = District Average

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Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

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<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

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<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

Workforce Density <sup>2</sup>

**N: 10 /10,000**

**D: 11 /10,000**



Caseload <sup>3</sup>

**N: 40.13**

**D: 26.02**



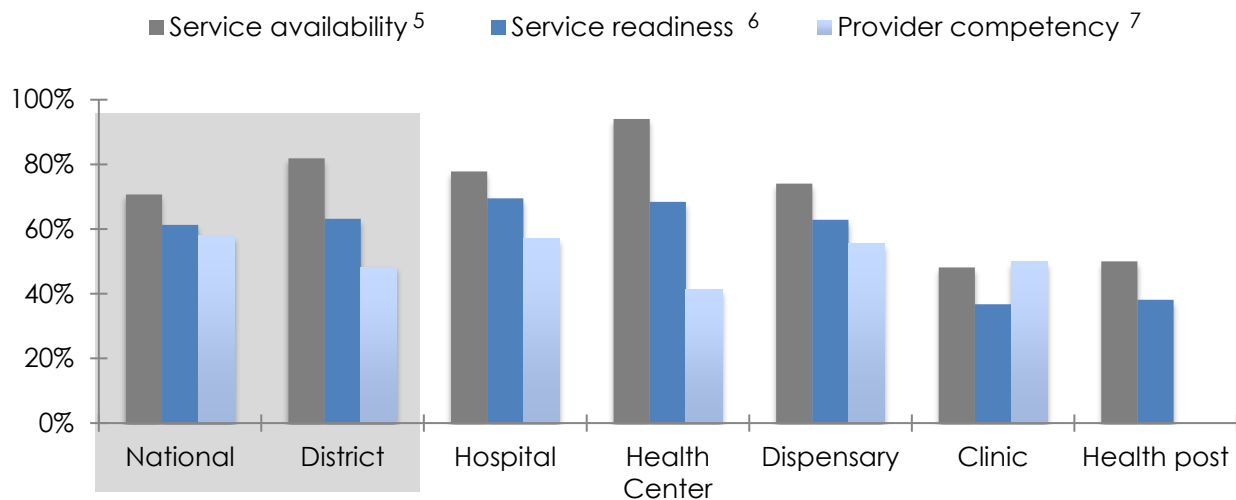
Absenteeism <sup>4</sup>

**N: 18%**

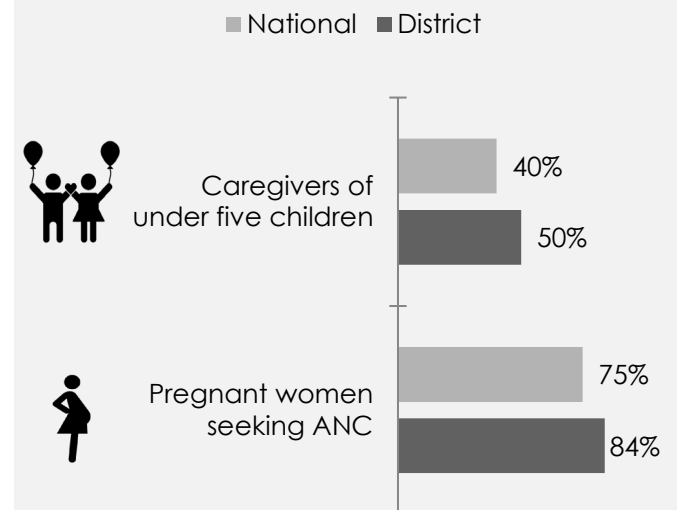
**D: 29%**



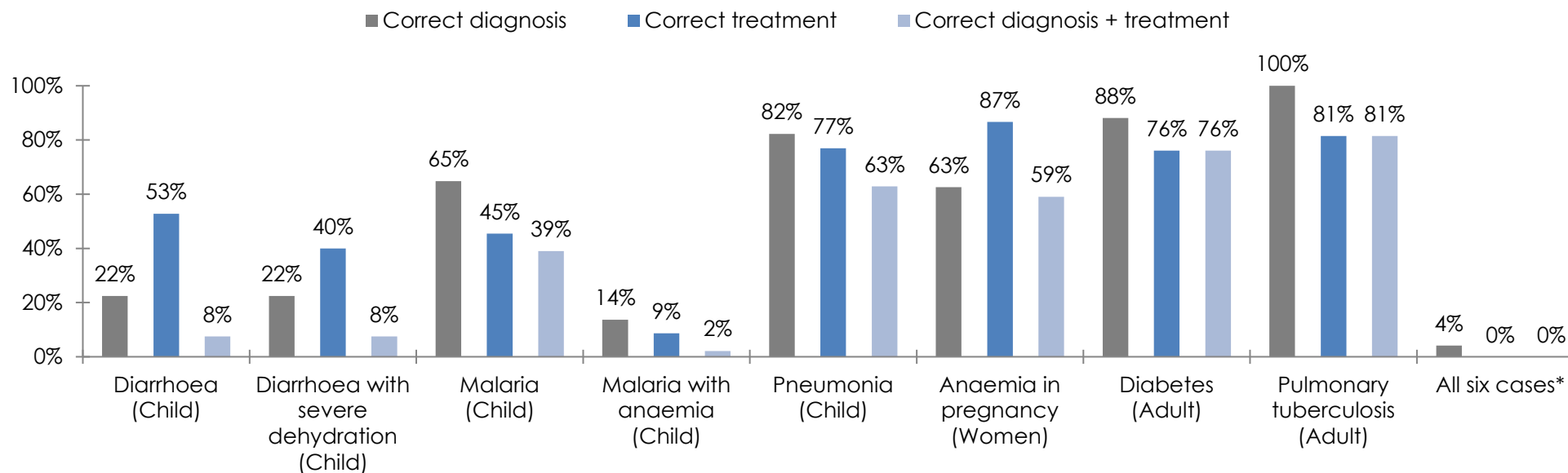
## Overall Performance for Delivering the Essential Health Package



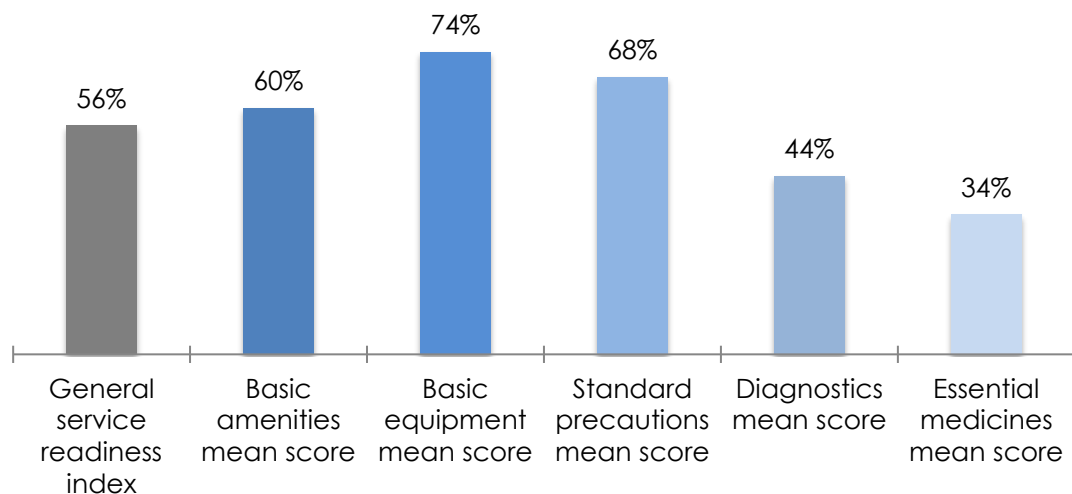
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



## Least Available Infrastructure Items

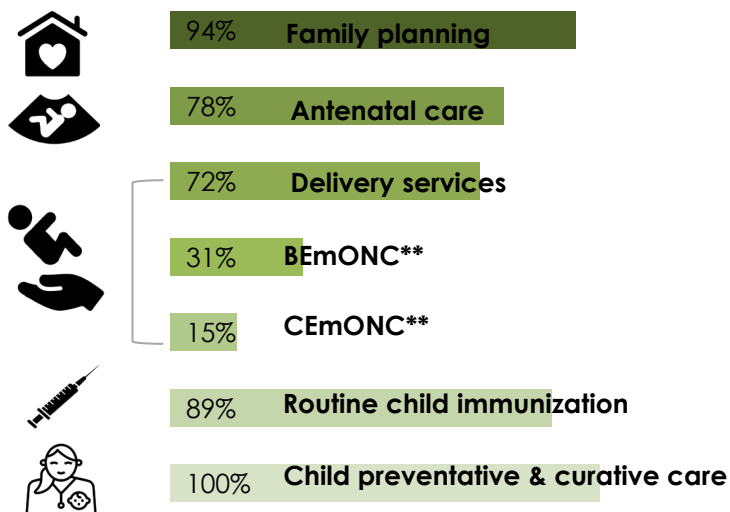
Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	0%
Haemoglobin	14%	0%
Simvastatin tablet / other statin	10%	6%
Beclomethasone inhaler	13%	6%
Carbamazepine tablet	5%	11%
Diazepam (injectable)	6%	11%
Insulin regular injection	11%	11%
Amlodipine tablet	24%	11%
Urine dipstick - glucose	22%	11%

\*All six cases excludes simple diarrhoea and simple malaria.



### Percentage Availability of MNCH Services

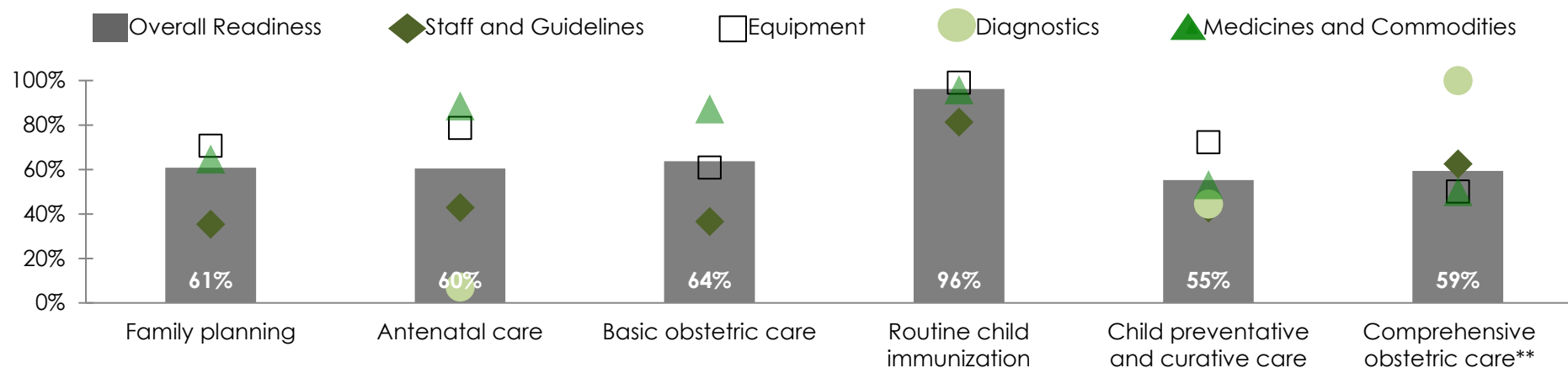


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Haemoglobin - child health	14%	0%
Haemoglobin - ANC	18%	0%
Thiopental powder	47%	0%
Suxamethonium bromide powder	39%	0%
Staff trained CEmOC	66%	0%
Co-trimoxazole suspension	30%	6%
Zinc sulphate tablet or syrup	53%	11%
Urine dipstick - protein	26%	14%
Staff trained ANC	42%	14%
Staff trained essential childbirth care	40%	15%

### Readiness\* to Provide MNCH Services



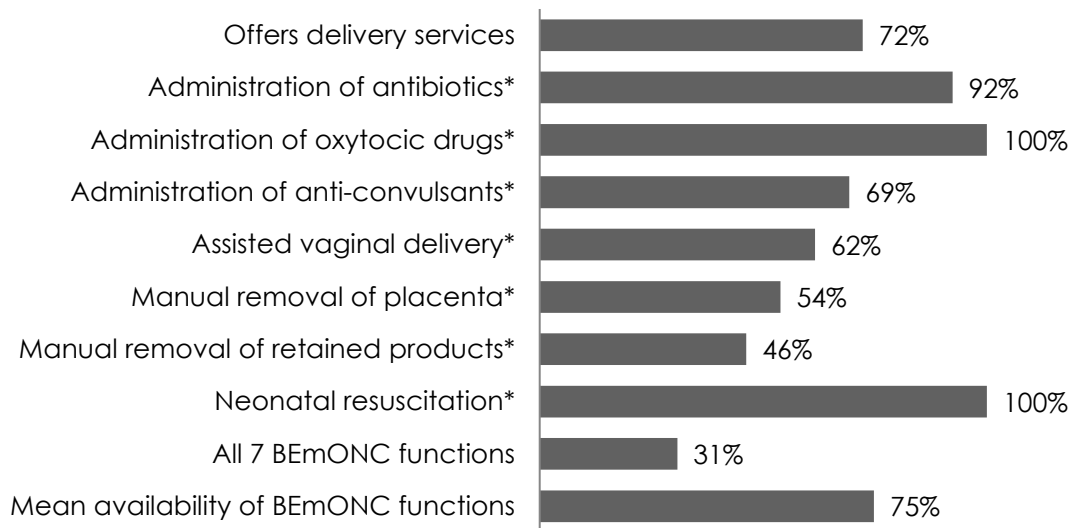
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

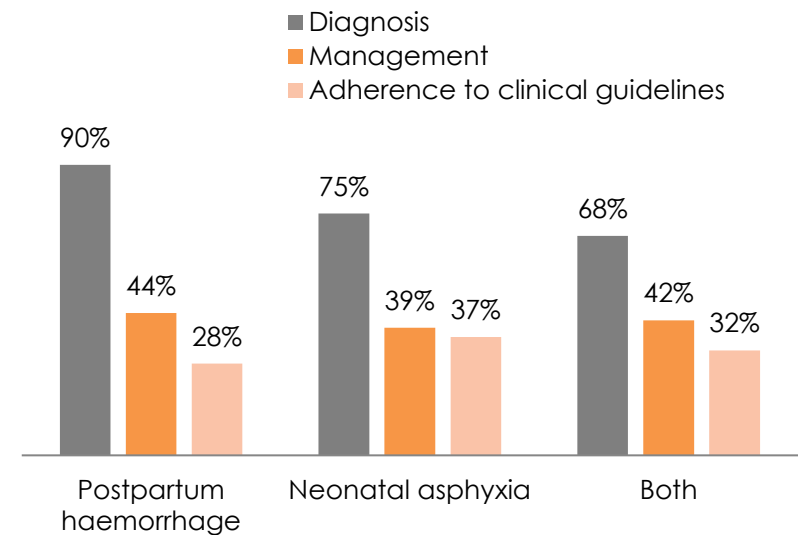
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

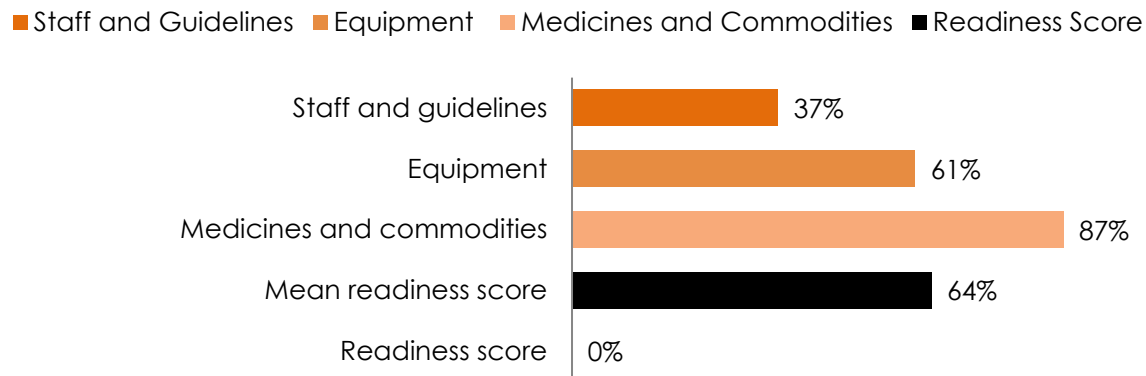
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Staff trained essential childbirth care	40%	15%
Sterilization equipment	47%	31%
Manual vacuum extractor	47%	31%
Guidelines essential childbirth care	61%	31%
Vacuum aspirator or D&C kit	37%	38%
Soap and water/alcohol based hand rub	71%	38%
Staff trained newborn resuscitation	63%	46%
Check-lists/job-aids essential childbirth care	64%	54%

\* BEmONC signal function

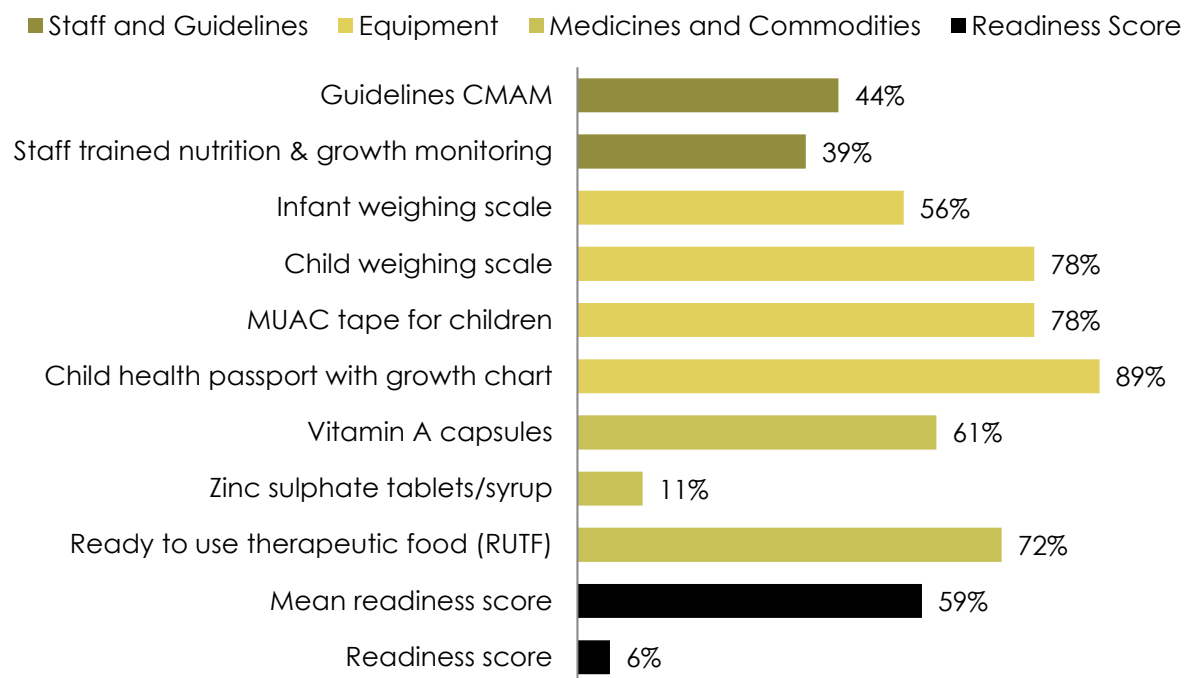
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N = National Average, D = District Average

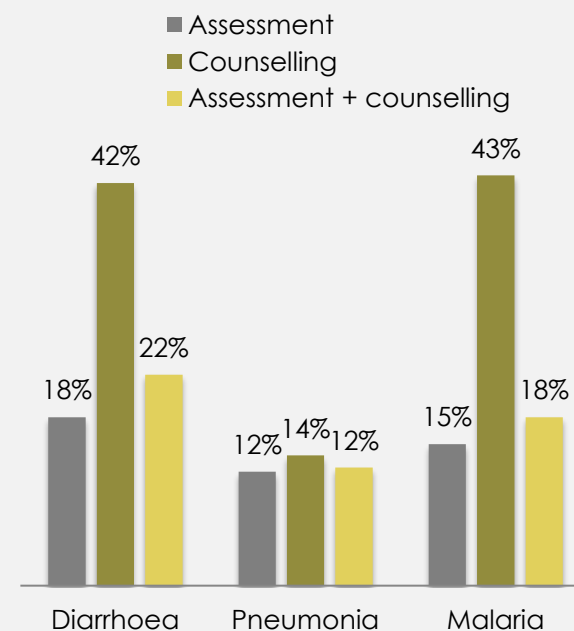
### Percentage of facilities that offer child nutrition services



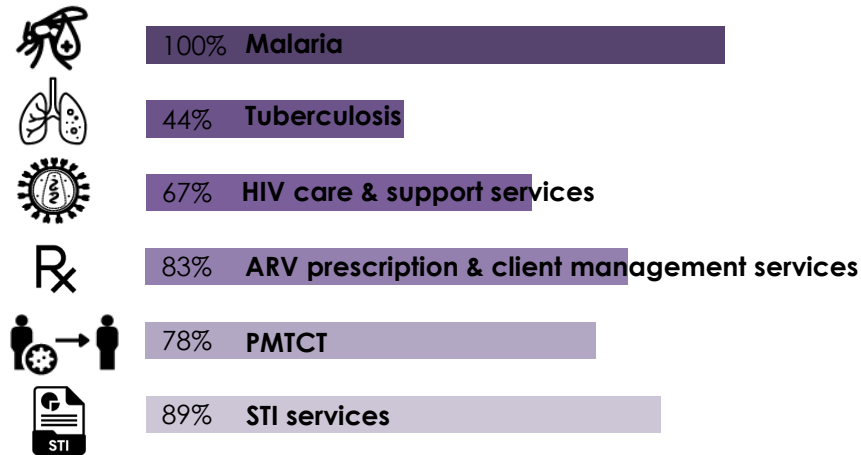
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

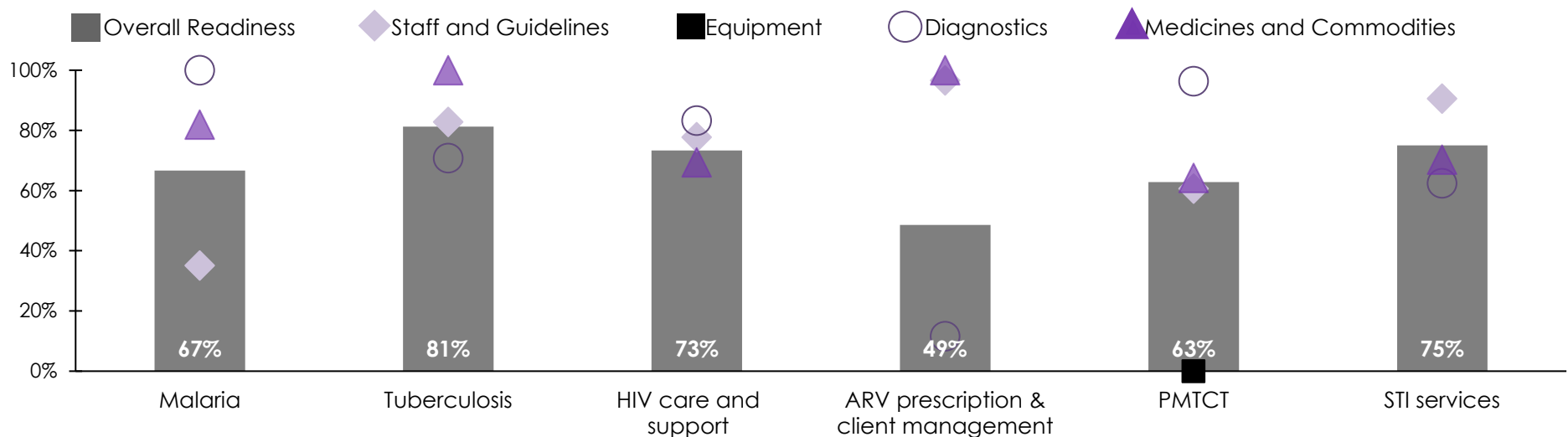


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Zidovudine syrup	17%	0%
Liver function test	8%	7%
Staff trained IPT	25%	11%
TB microscopy	32%	13%
Renal function test	8%	13%
Full blood count	16%	13%
CD4 count or viral load test	8%	13%
IV treatment fungal infections	12%	17%
Ciprofloxacin cap/tab	61%	31%

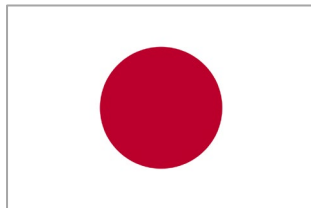
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

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<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

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<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 4.3 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 31.6**



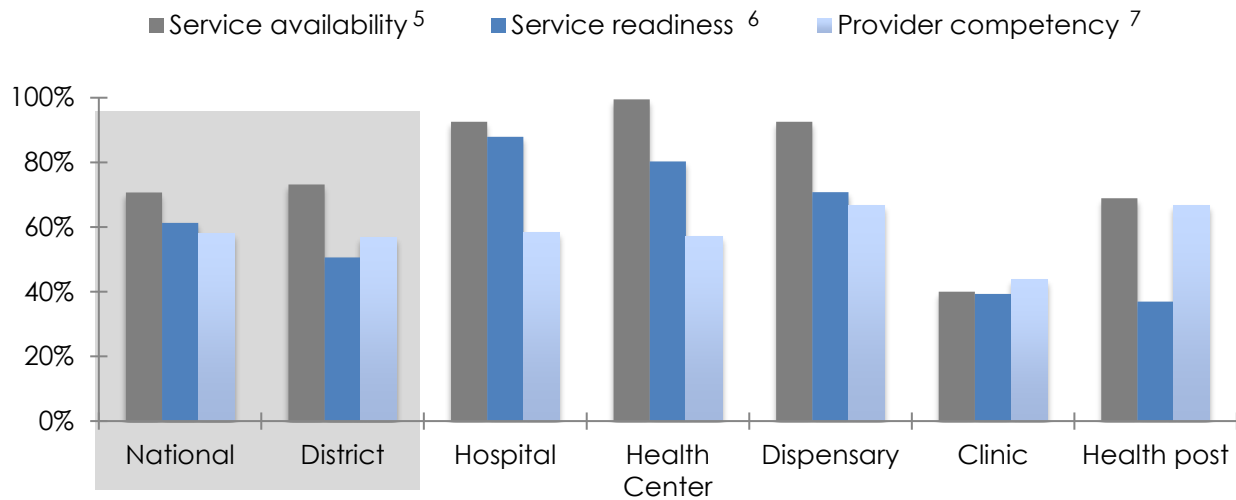
**Absenteeism** <sup>4</sup>

**N: 18%**

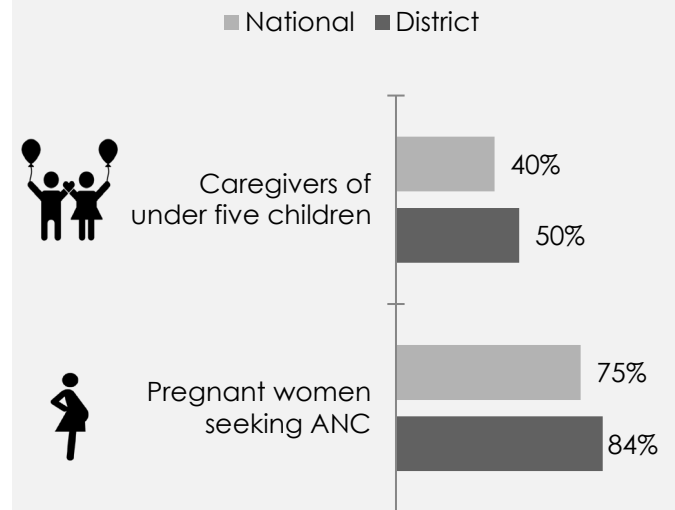
**D: 0%**



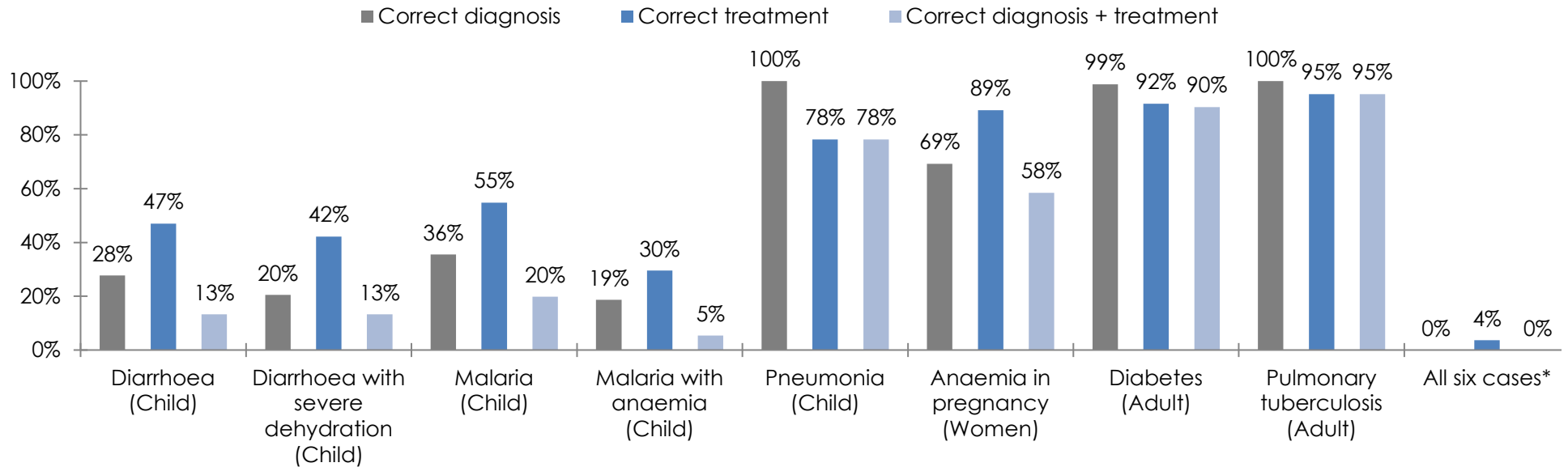
## Overall Performance for Delivering the Essential Health Package



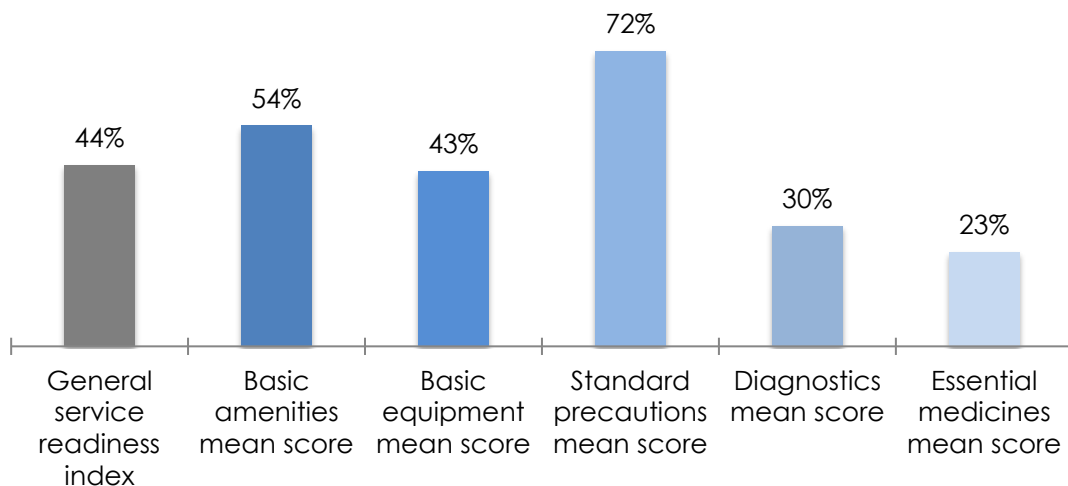
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



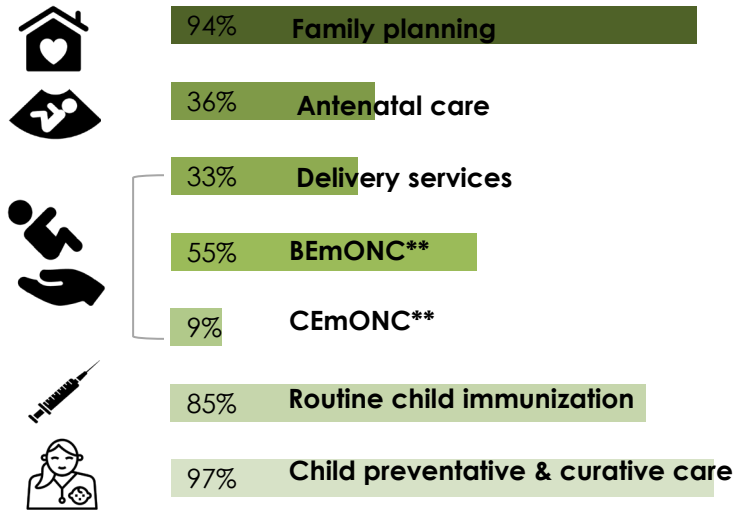
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	3%
Carbamazepine tablet	5%	3%
Diazepam (injectable)	6%	3%
Simvastatin tablet / other statin	10%	3%
Insulin regular injection	11%	3%
Ampicillin powder for injection	15%	3%
Beclomethasone inhaler	13%	6%
Haemoglobin	14%	9%
Amlodipine tablet	24%	9%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

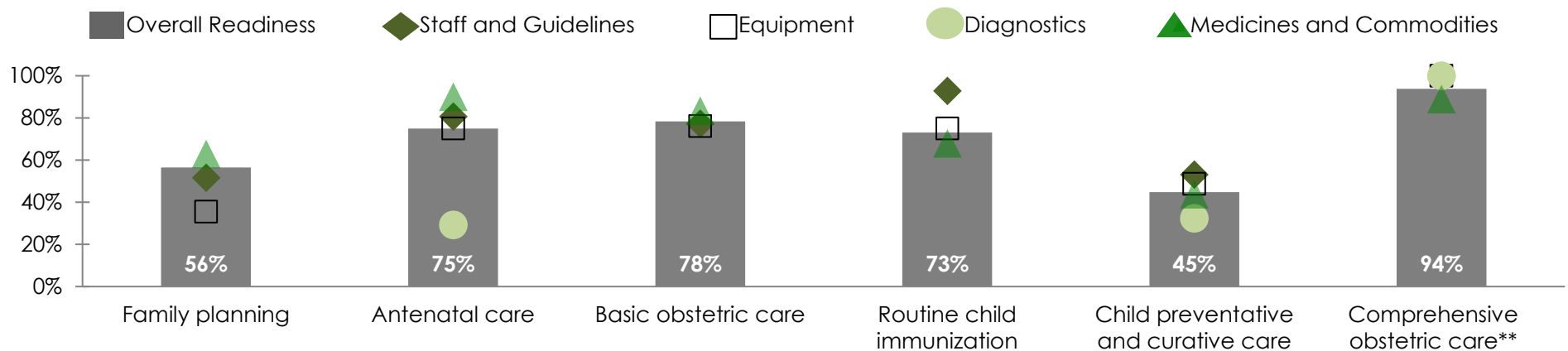


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Blood supply sufficiency	47%	0%
General microscopy/wet mounts	22%	6%
Haemoglobin - child health	14%	9%
Co-trimoxazole suspension	30%	9%
Injectable contraceptives	54%	19%
Haemoglobin - ANC	18%	25%
Staff trained growth monitoring	53%	28%
Child and infant scale	52%	28%
Urine dipstick - protein	26%	33%
Blood pressure apparatus	85%	35%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

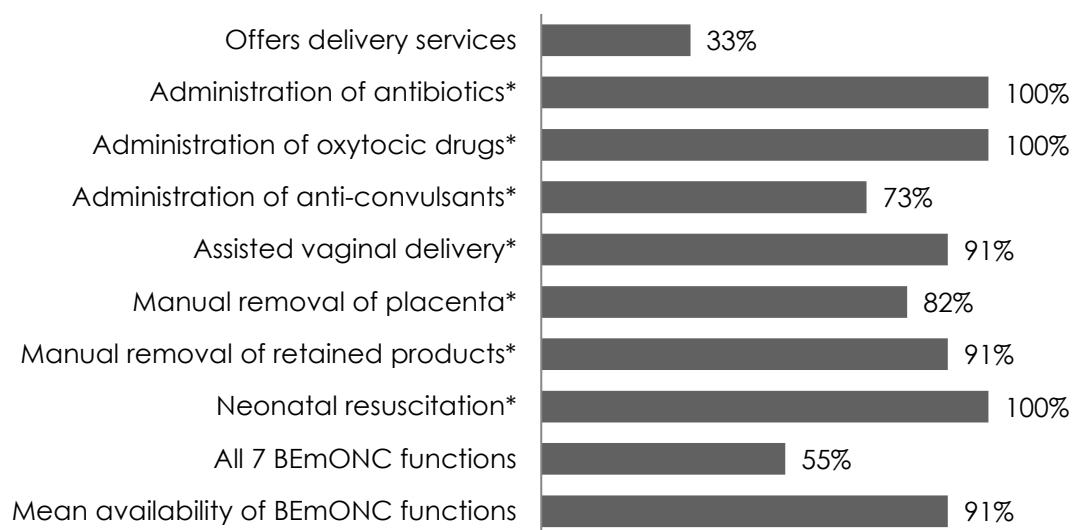
\*\* Only includes facilities offering delivery services

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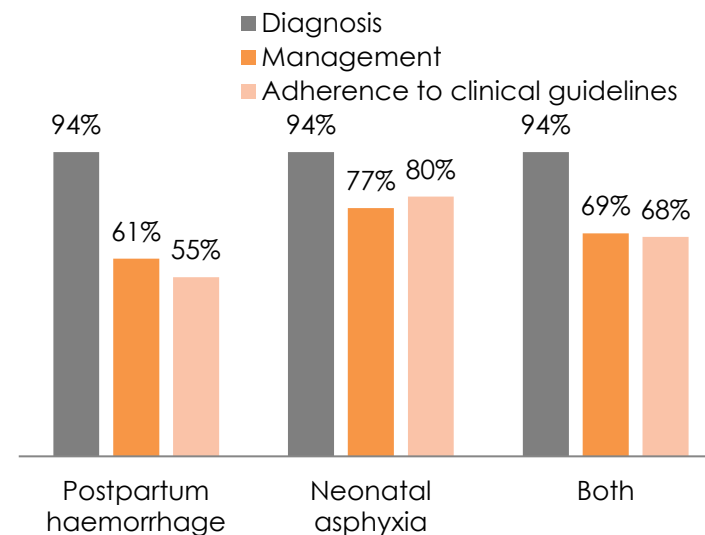
**N** = National Average, **D** = District Average



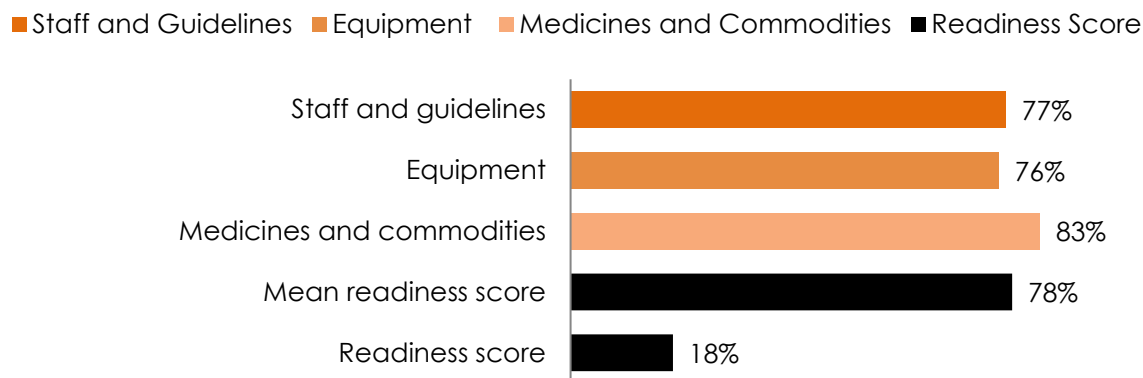
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

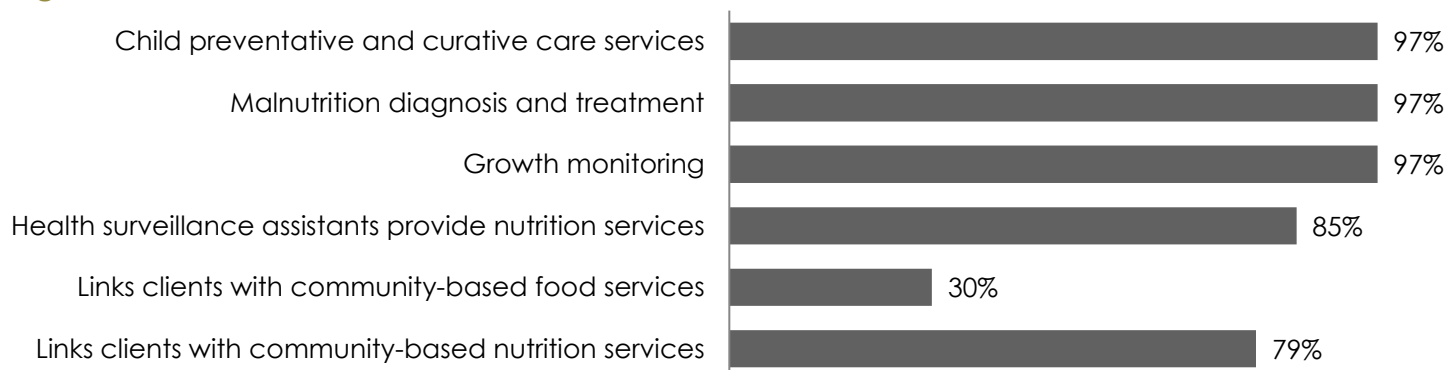
Item	N	D
Sterilization equipment	47%	45%
Vacuum aspirator or D&C kit	37%	55%
Delivery bed	55%	55%
Antibiotic eye ointment for newborn	85%	55%
Staff trained essential childbirth care	40%	64%
Examination light	58%	64%
Intravenous solution with infusion set	62%	64%
Suction apparatus	80%	73%

\* BEmONC signal function

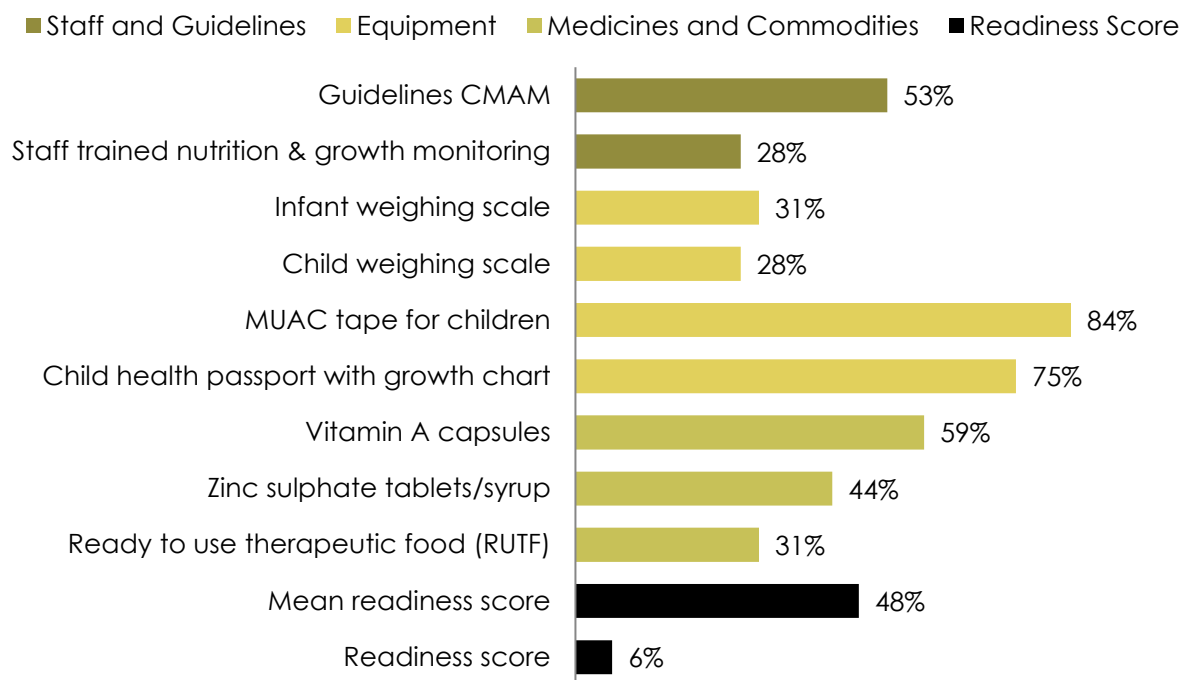
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

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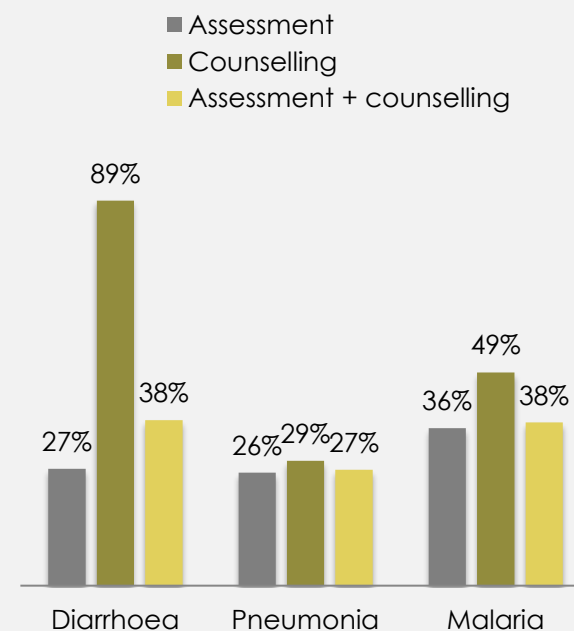
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

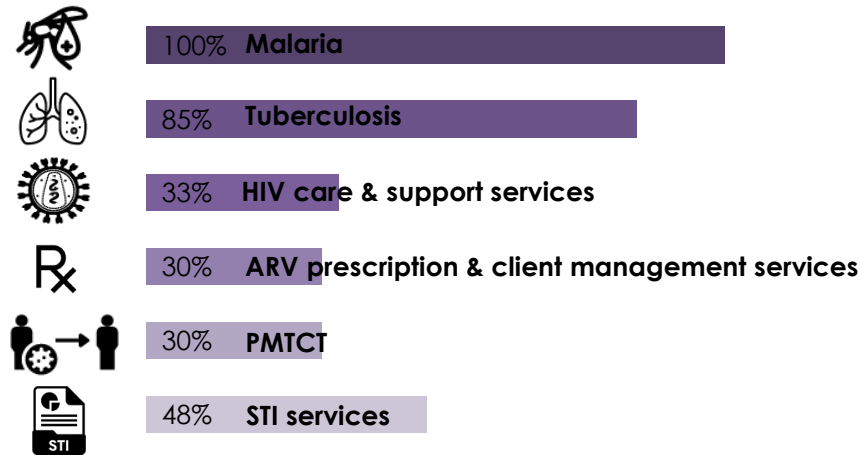


### Provider competency on assessment and counselling of nutrition for sick children



Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Percentage Availability of Communicable Disease Services

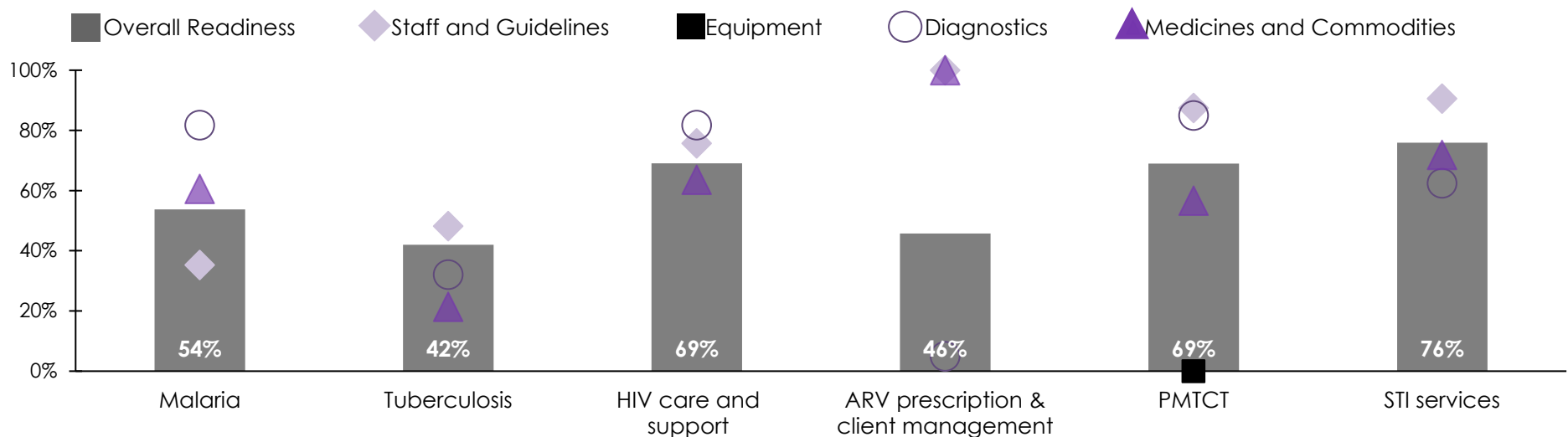


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
CD4 count or viral load test	8%	0%
IV treatment fungal infections	12%	0%
Zidovudine syrup	17%	0%
Full blood count	16%	0%
Renal function test	8%	10%
Liver function test	8%	10%
TB microscopy	32%	14%
First line TB medications	50%	21%
Staff trained IPT	25%	27%

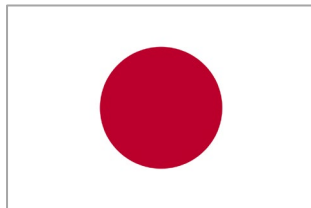
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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 16 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 47.89**



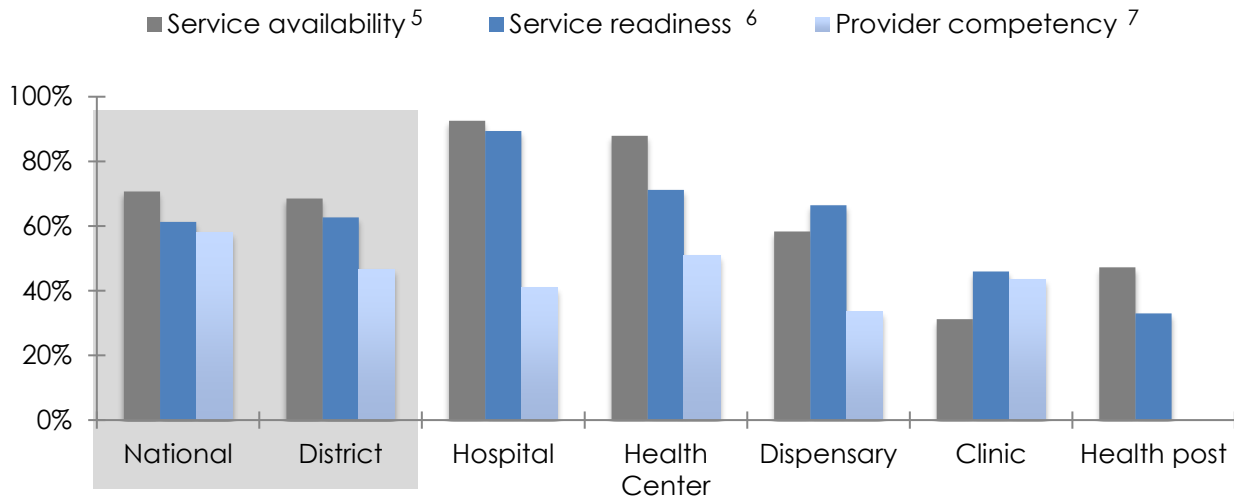
**Absenteeism** <sup>4</sup>

**N: 18%**

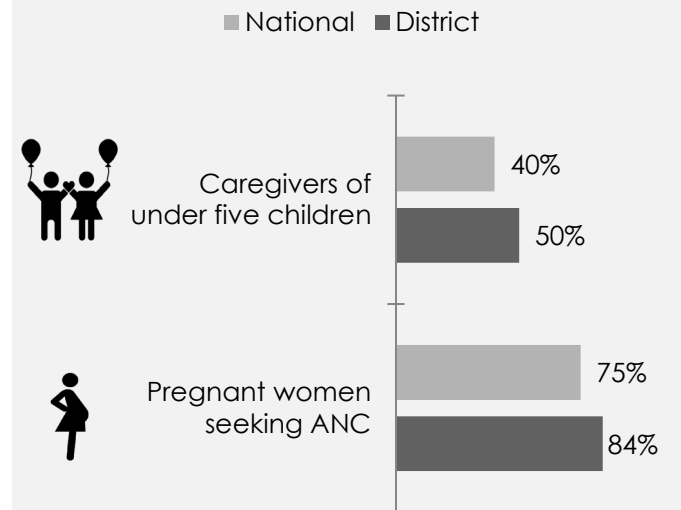
**D: 22%**



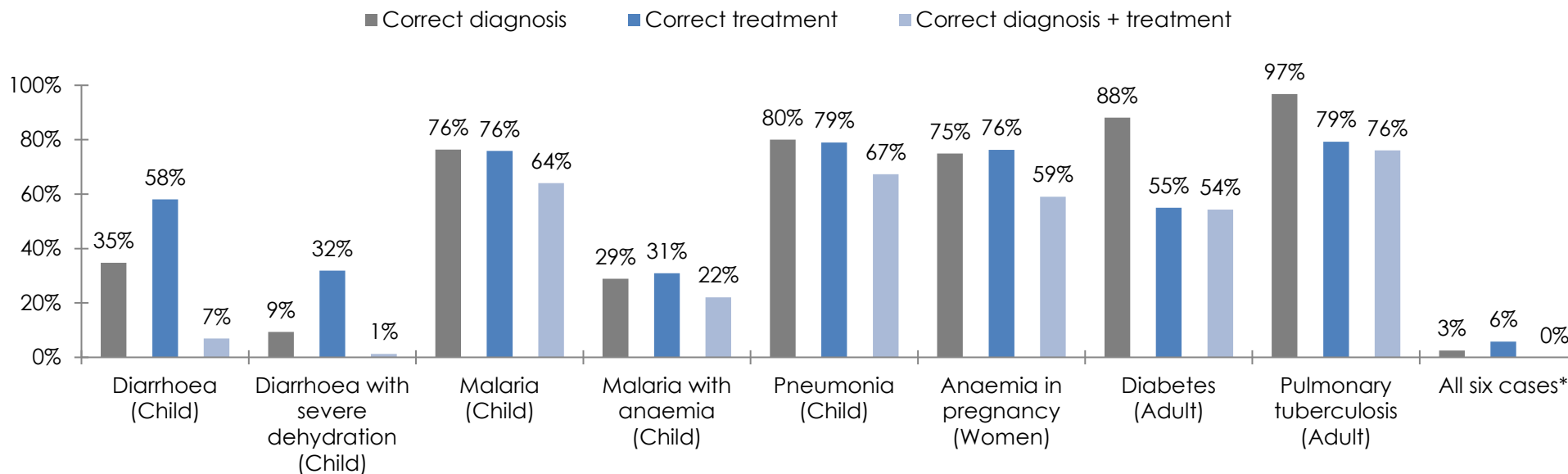
## Overall Performance for Delivering the Essential Health Package



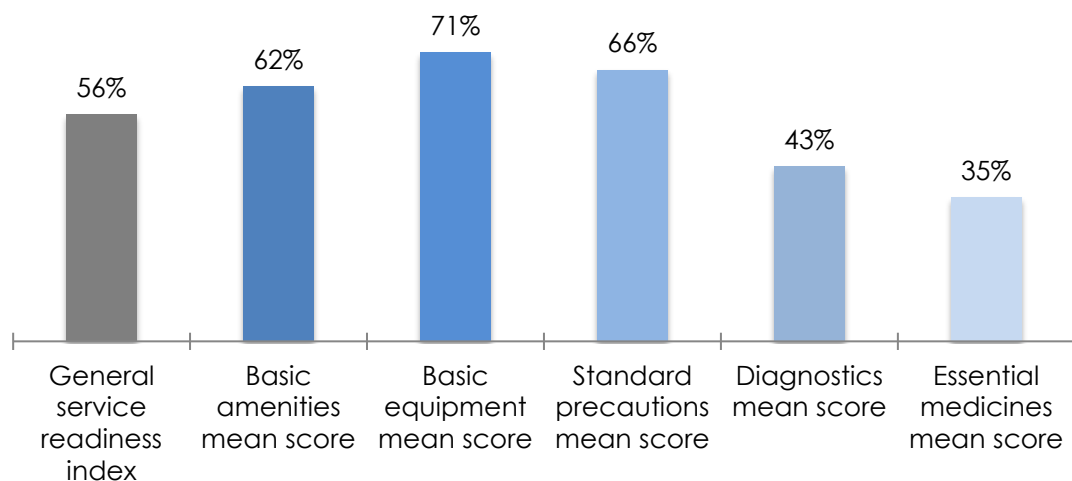
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



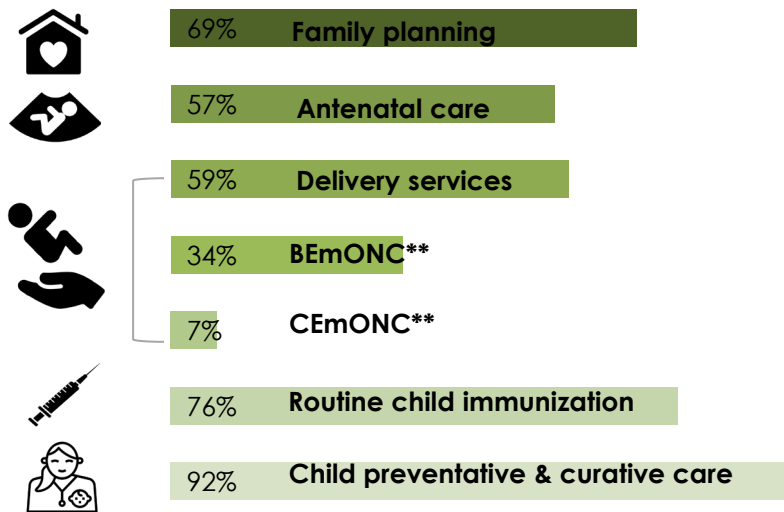
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	2%
Fluoxetine tablet	2%	2%
Carbamazepine tablet	5%	4%
Diazepam injectable	6%	4%
Insulin regular injection	11%	4%
Simvastatin tablet / other statin	10%	6%
Haemoglobin	14%	6%
Ampicillin powder for injection	15%	10%
Beclomethasone inhaler	13%	10%
Computer with internet	21%	14%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

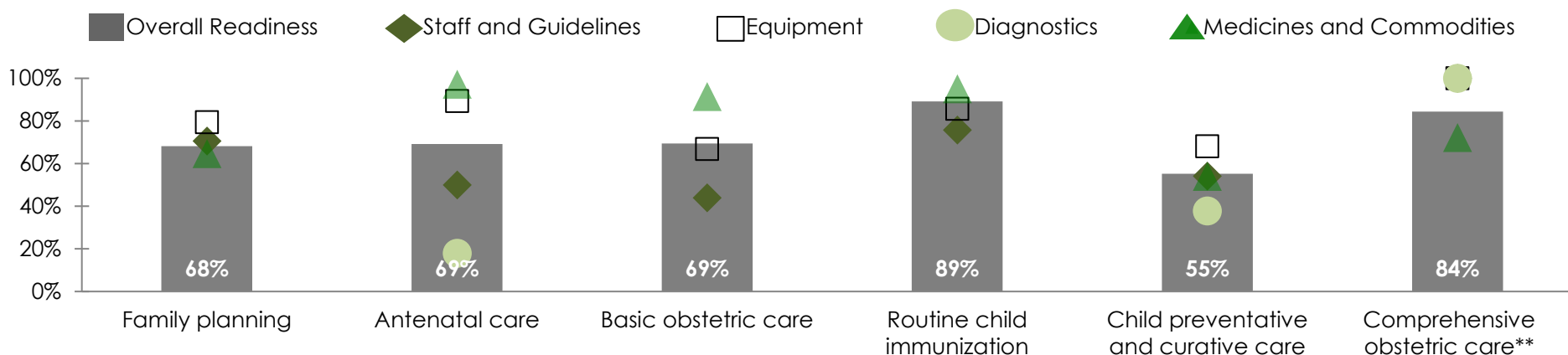


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Haemoglobin - child health	14%	7%
General microscopy/wet mounts	22%	9%
Haemoglobin - ANC	18%	11%
Urine dipstick - protein	26%	25%
Guidelines IMCI	45%	27%
Child and infant scale	52%	27%
Co-trimoxazole suspension	30%	27%
Delivery bed	55%	28%
Staff trained essential childbirth care	40%	31%
Guidelines essential childbirth care	61%	34%

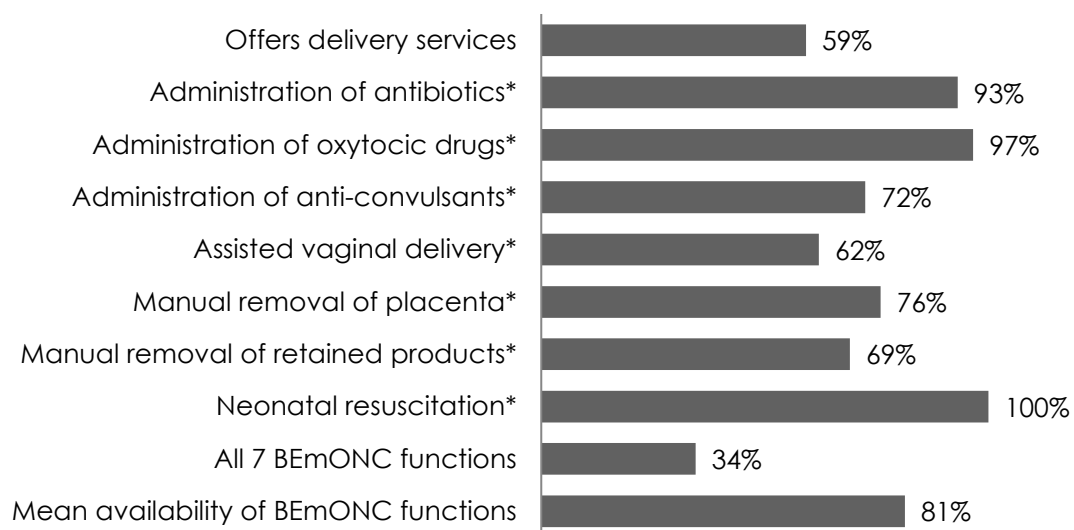
### Readiness\* to Provide MNCH Services



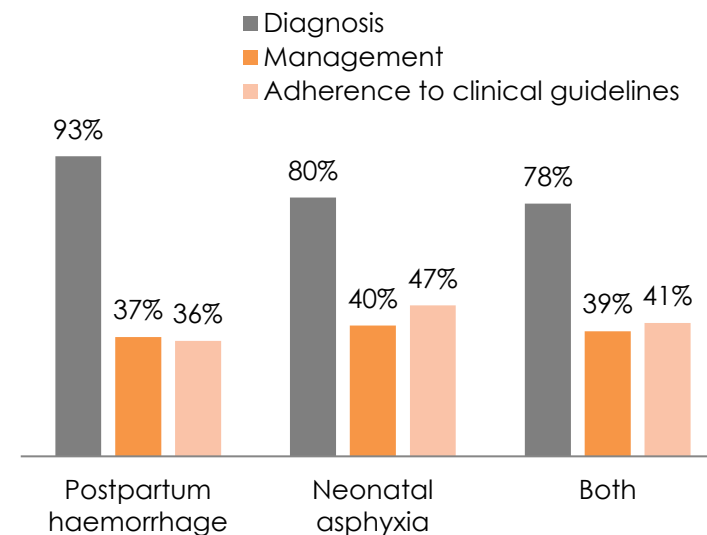
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.  
 \*\* Only includes facilities offering delivery services  
 BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

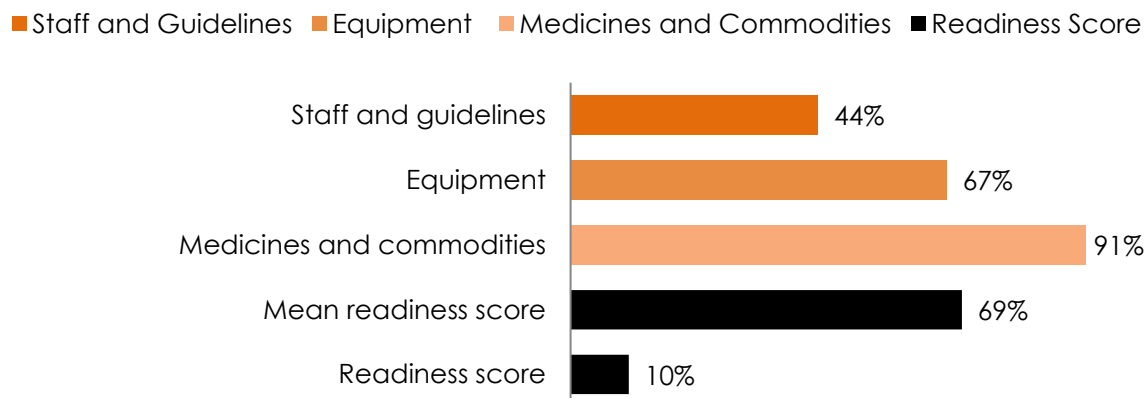
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Delivery bed	55%	28%
Staff trained essential childbirth care	40%	31%
Guidelines essential childbirth care	61%	34%
Sterilization equipment	47%	34%
Examination light	58%	48%
Check-lists / job-aids for essential childbirth care	64%	52%
Vacuum aspirator or D&C kit	37%	55%
Staff trained newborn resuscitation	63%	59%

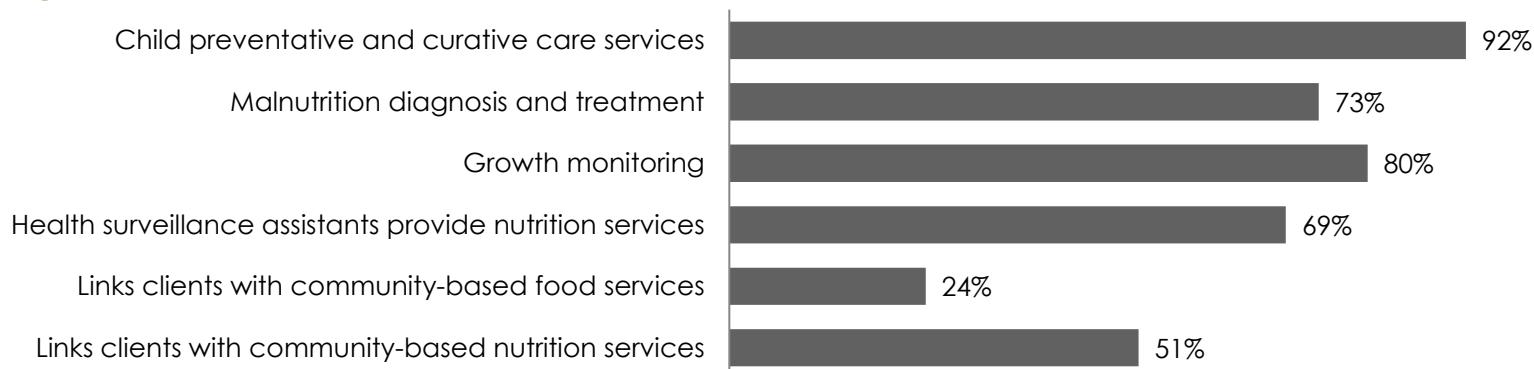
\* BEmONC signal function

Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

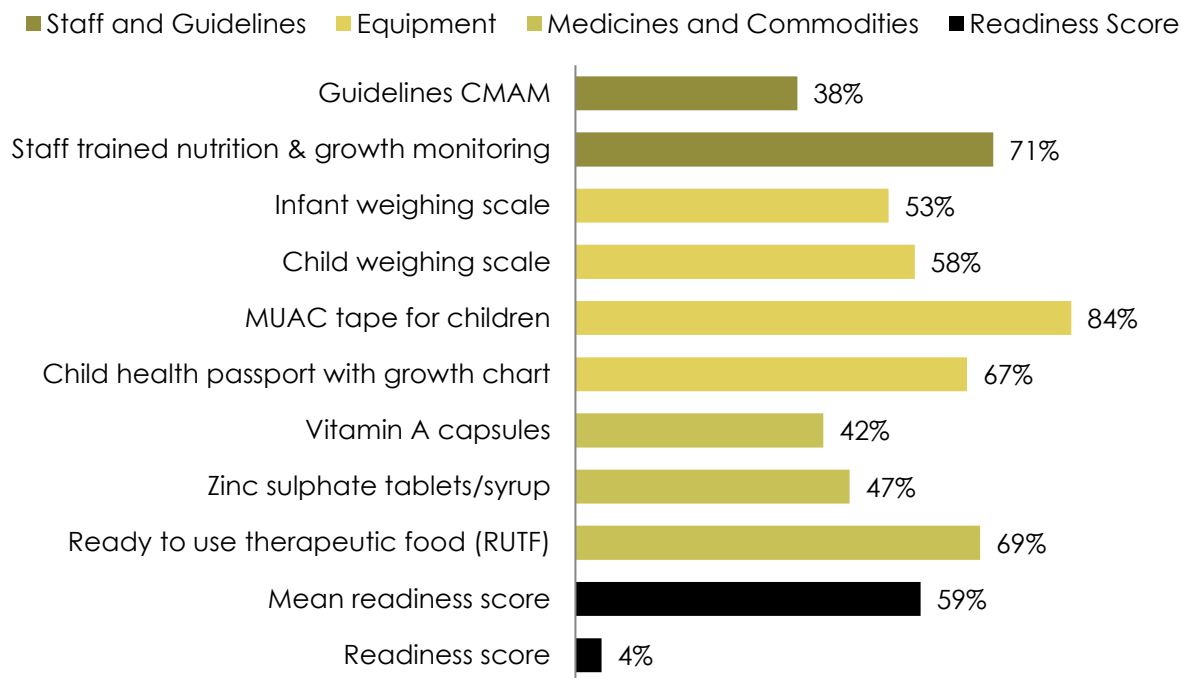
**N** = National Average, **D** = District Average



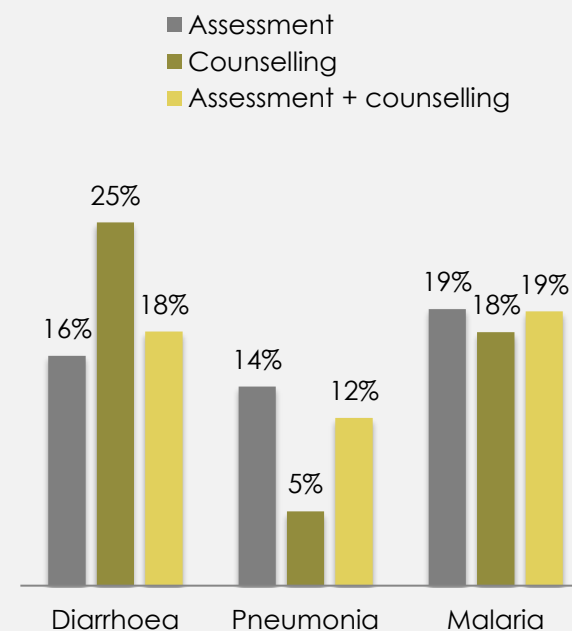
### Percentage of facilities that offer child nutrition services



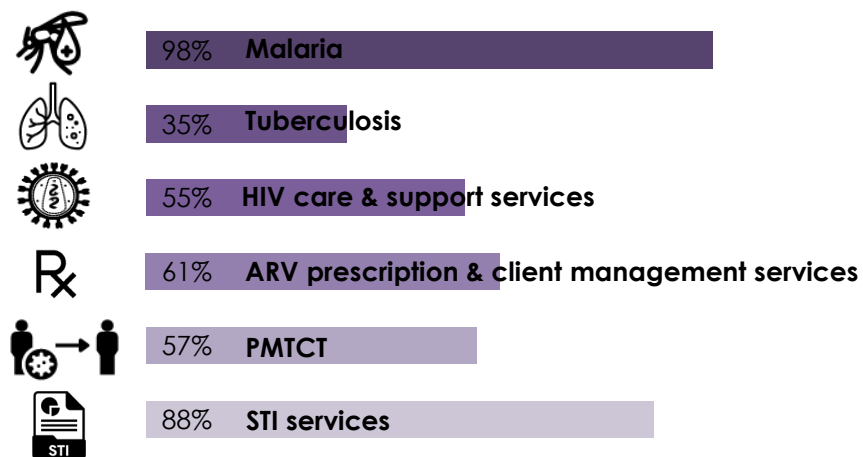
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

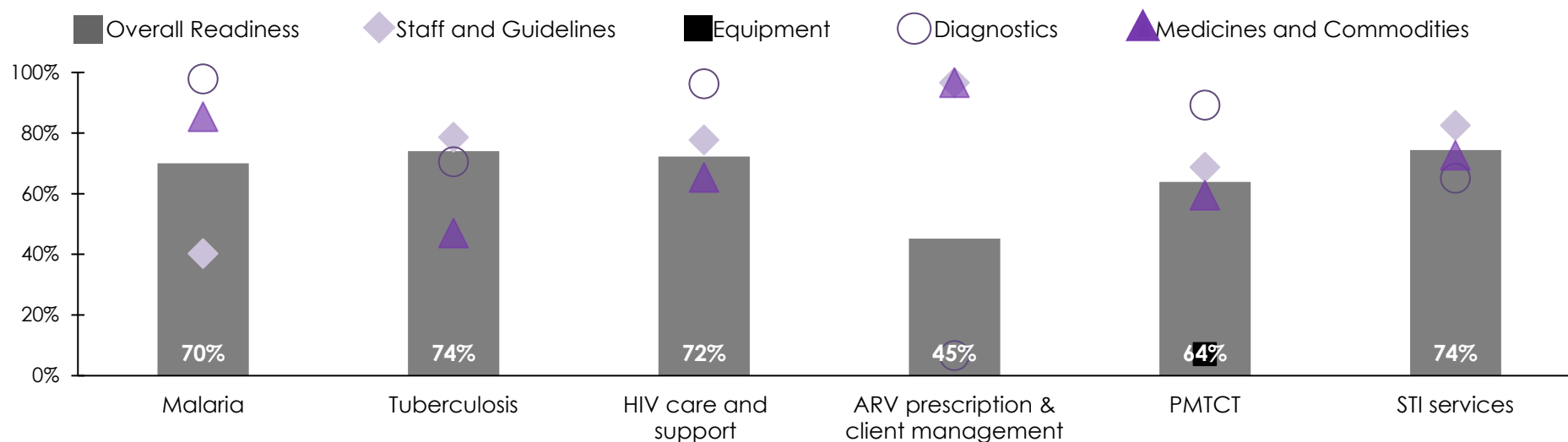


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
CD4 count or viral load test	8%	3%
Liver function test	8%	7%
Full blood count	16%	7%
Visual and auditory privacy PMTCT area	3%	7%
Zidovudine syrup	17%	7%
Renal function test	8%	10%
IV treatment fungal infections	12%	11%
TB microscopy	32%	24%
Staff trained IPT	25%	25%
Guidelines IPT	41%	25%

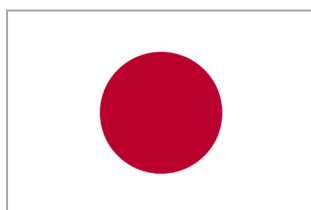
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N = National Average, D = District Average

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#### District Overview Data Sources

Population & Children below five: Malawi National Statistics Office Population and Housing Census 2018

Poverty rate: Malawi National Statistics Office Integrated Household Survey 2016/2017

Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 5.6 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 57.69**



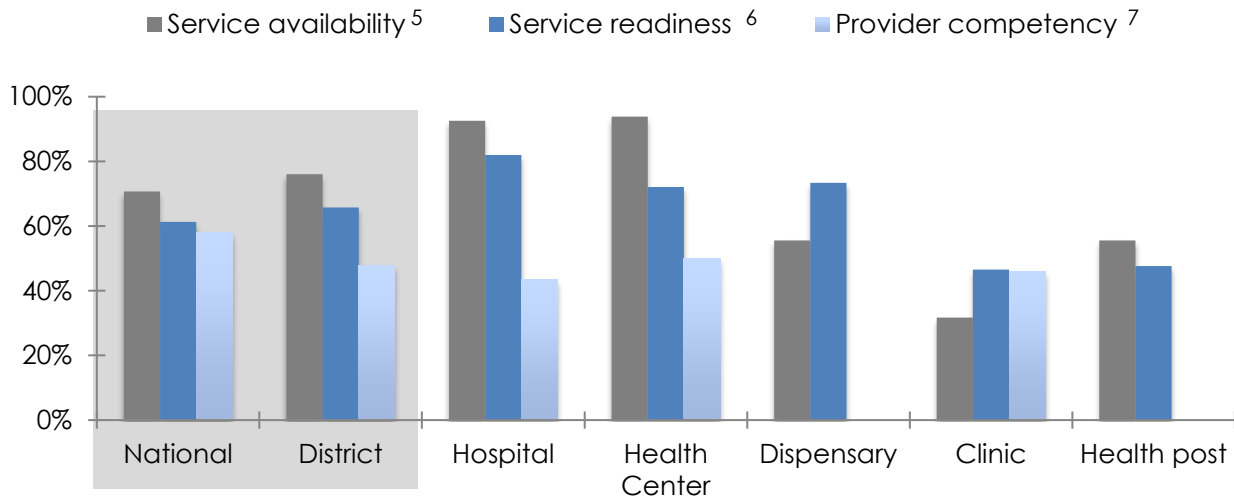
**Absenteeism** <sup>4</sup>

**N: 18%**

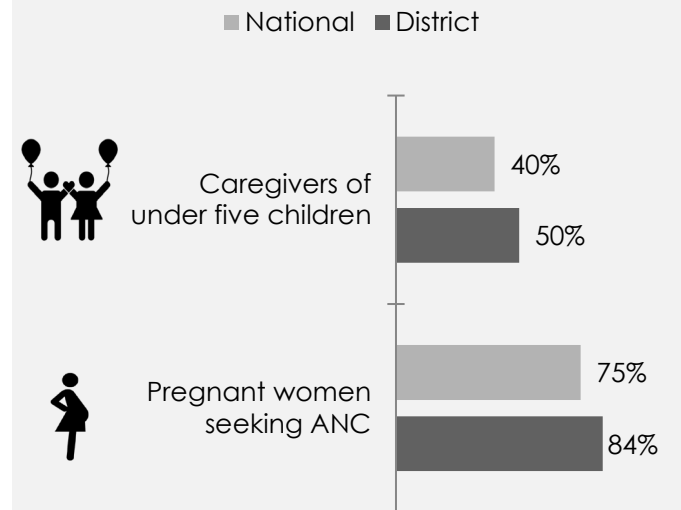
**D: 4%**



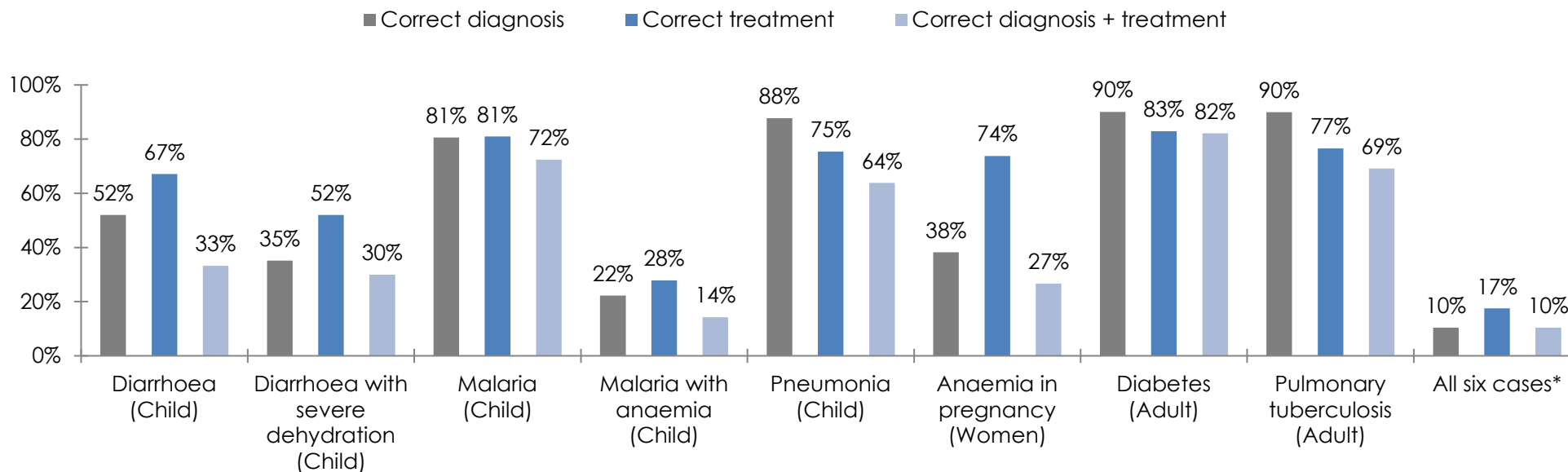
## Overall Performance for Delivering the Essential Health Package



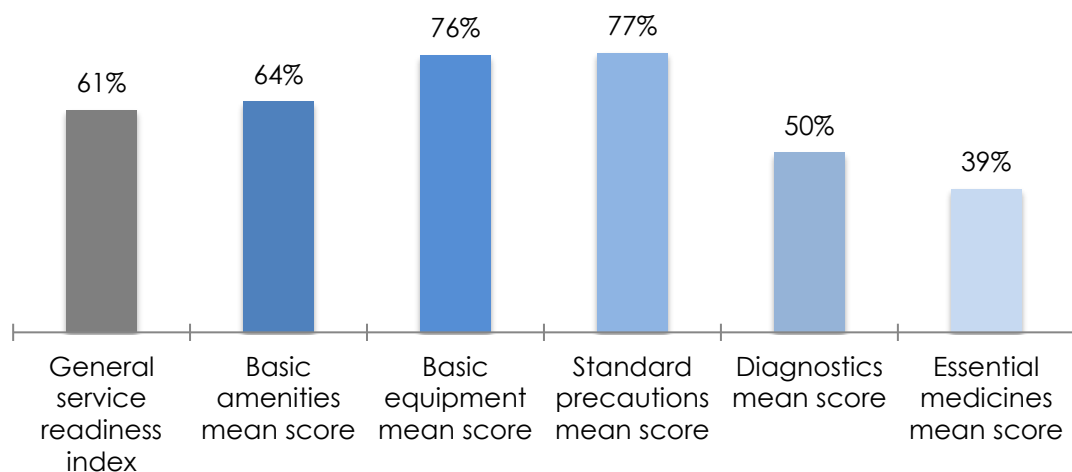
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



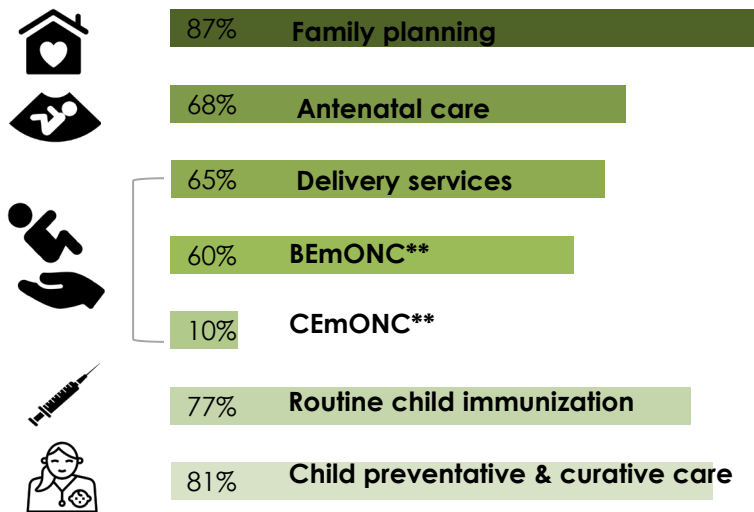
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	0%
Fluoxetine tablet	2%	3%
Carbamazepine tablet	5%	6%
Diazepam injectable	6%	6%
Simvastatin tablet / other statin	10%	6%
Insulin regular injection	11%	13%
Beclomethasone inhaler	13%	13%
Amlodipine tablet	24%	13%
Haemoglobin	14%	16%
Ampicillin powder for injection	15%	19%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

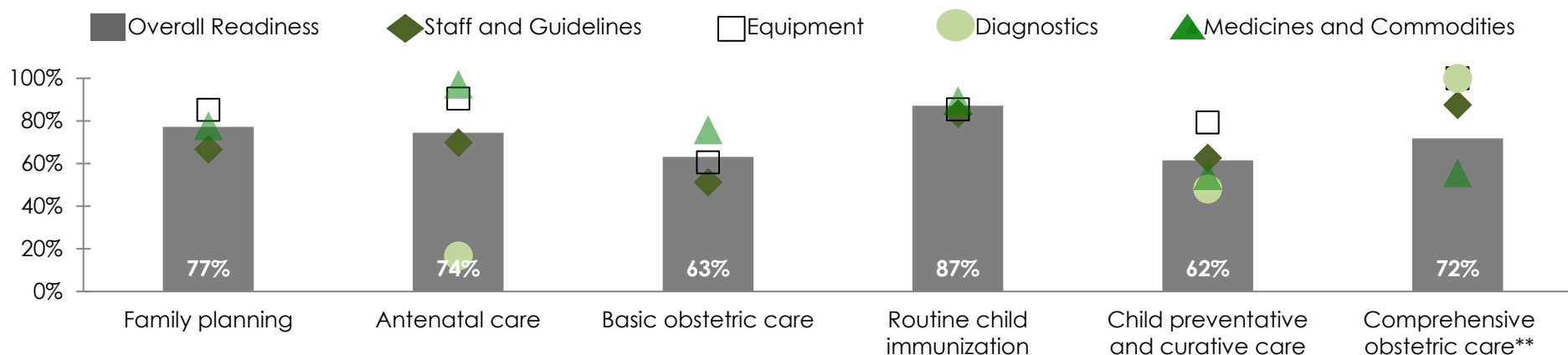


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Epinephrine injectable	54%	50%
Halothane inhalation	69%	100%
Haemoglobin - child health	18%	11%
Haemoglobin - ANC	14%	7%
Urine dipstick - protein	26%	25%
Delivery bed	55%	28%
Vacuum aspirator or D&C kit	37%	55%
General microscopy/wet mounts	22%	9%
Co-trimoxazole suspension	30%	27%
Manual vacuum extractor	47%	59%

### Readiness\* to Provide MNCH Services



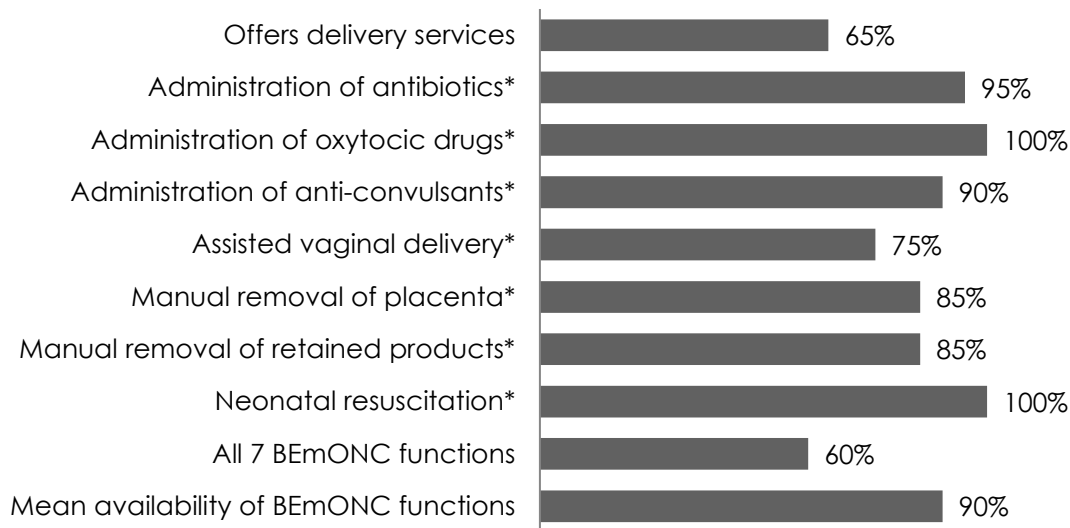
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

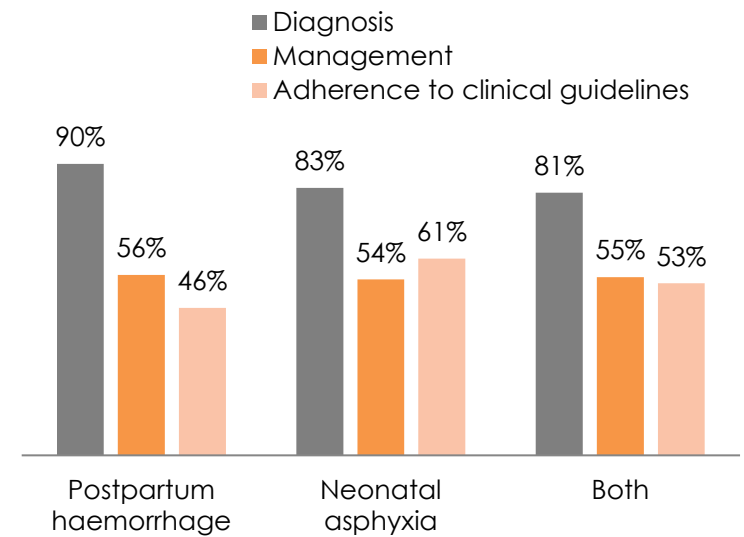
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

N = National Average, D = District Average

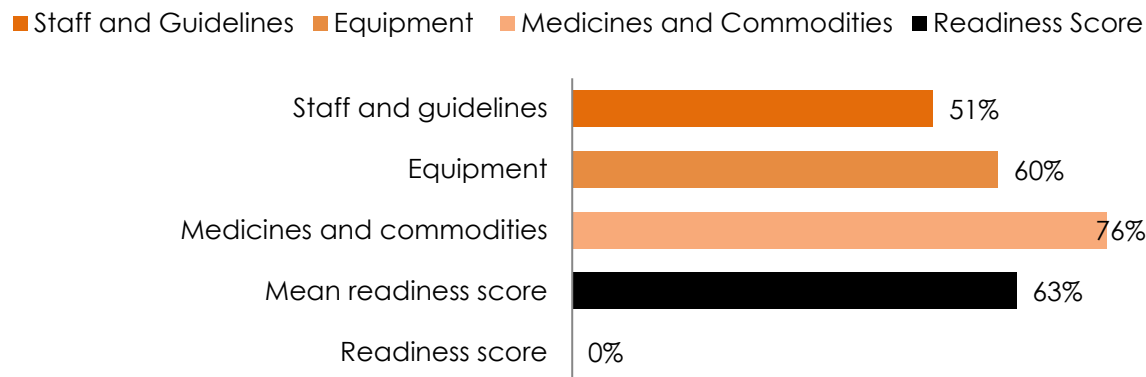
## Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



## Provider competency on maternal and neonatal complications



## Percentage of facilities with delivery items among facilities that provide delivery services



## Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Delivery bed	55%	20%
Vacuum aspirator or D&C kit	37%	30%
Manual vacuum extractor	47%	40%
Examination light	58%	45%
Intravenous solution with infusion set	62%	45%
Staff trained essential childbirth care	40%	50%
Guidelines essential childbirth care	61%	50%
Staff trained newborn resuscitation	63%	50%

\* BEmONC signal function

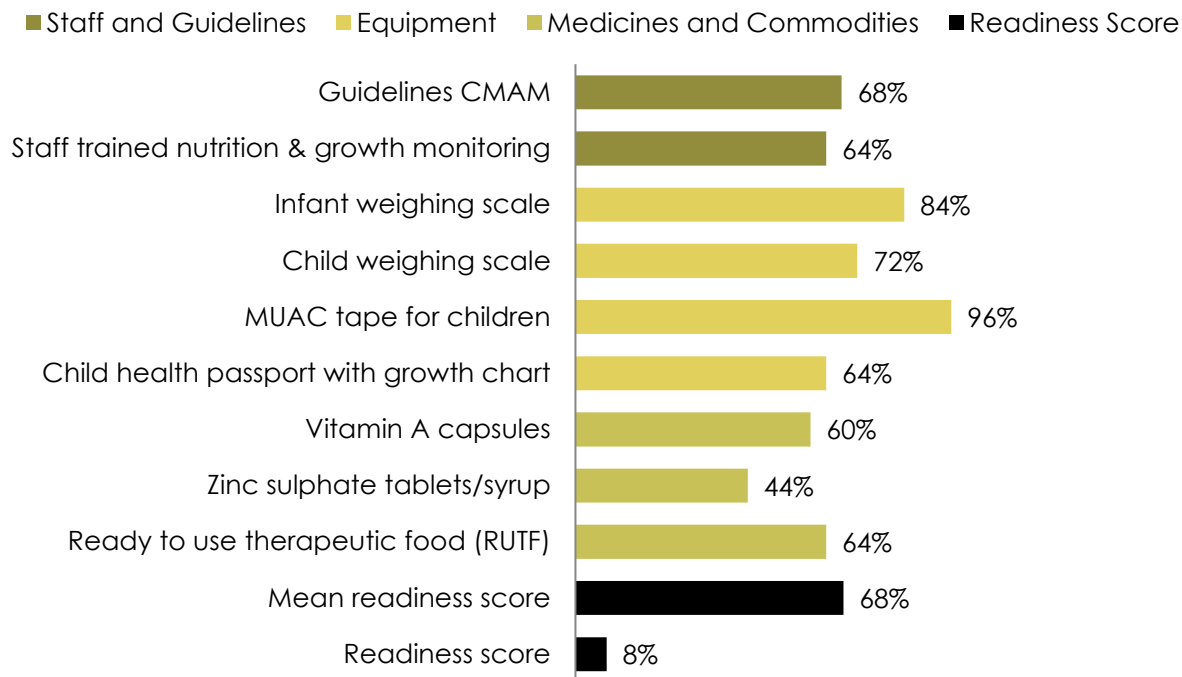
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N = National Average, D = District Average

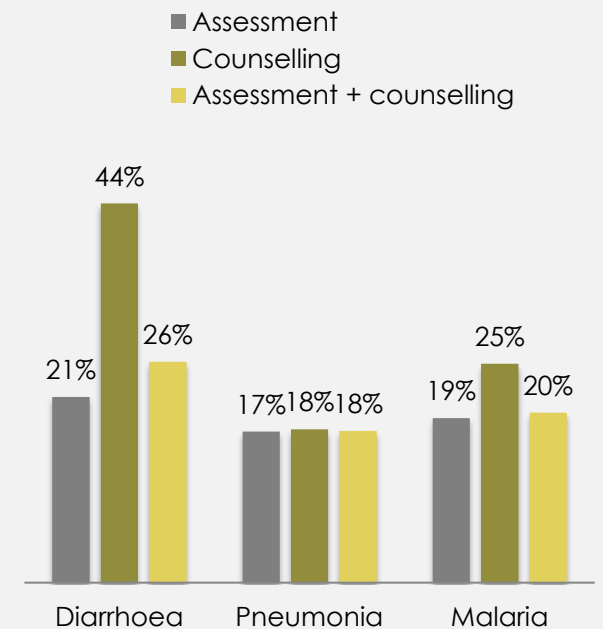
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

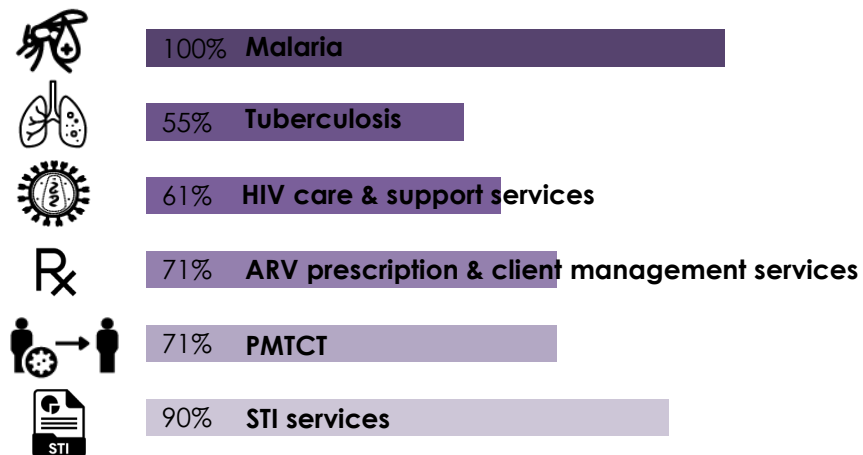


### Provider competency on assessment and counselling of nutrition for sick children





## Percentage Availability of Communicable Disease Services

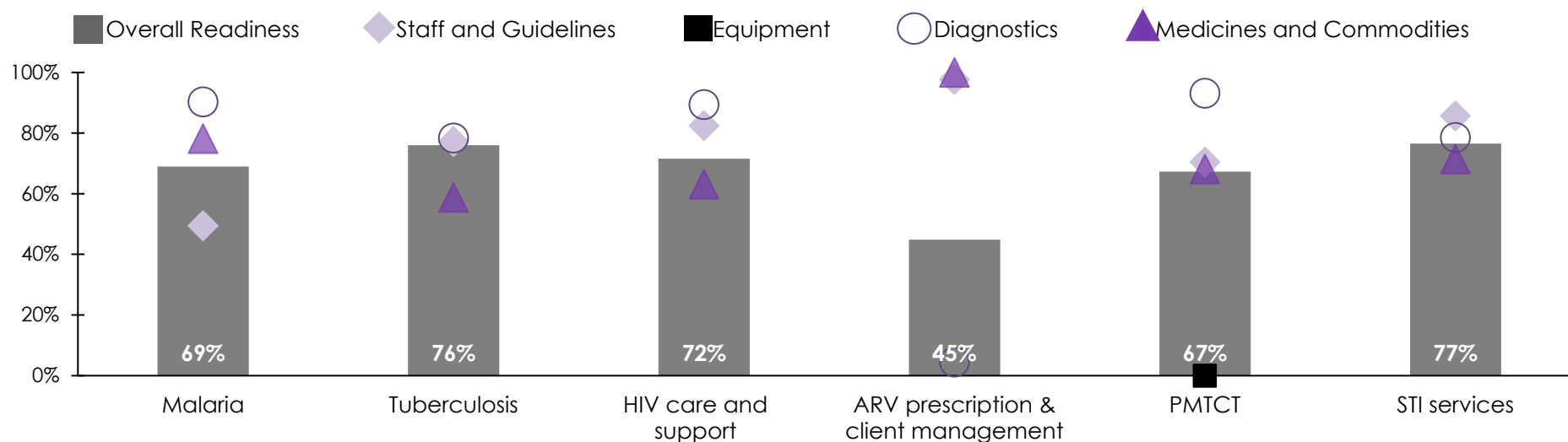


## Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
CD4 count or viral load test	8%	0%
Renal function test	8%	5%
Liver function test	8%	5%
Full blood count	16%	9%
IV treatment fungal infections	12%	16%
Zidovudine syrup	17%	18%
Staff trained IPT	25%	29%
Ceftriaxone injection	57%	39%
TB microscopy	32%	41%

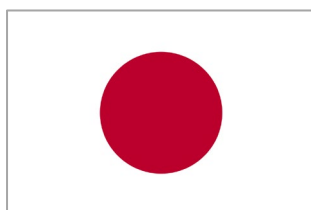
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<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

### District Overview



### Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 11 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 44.08**



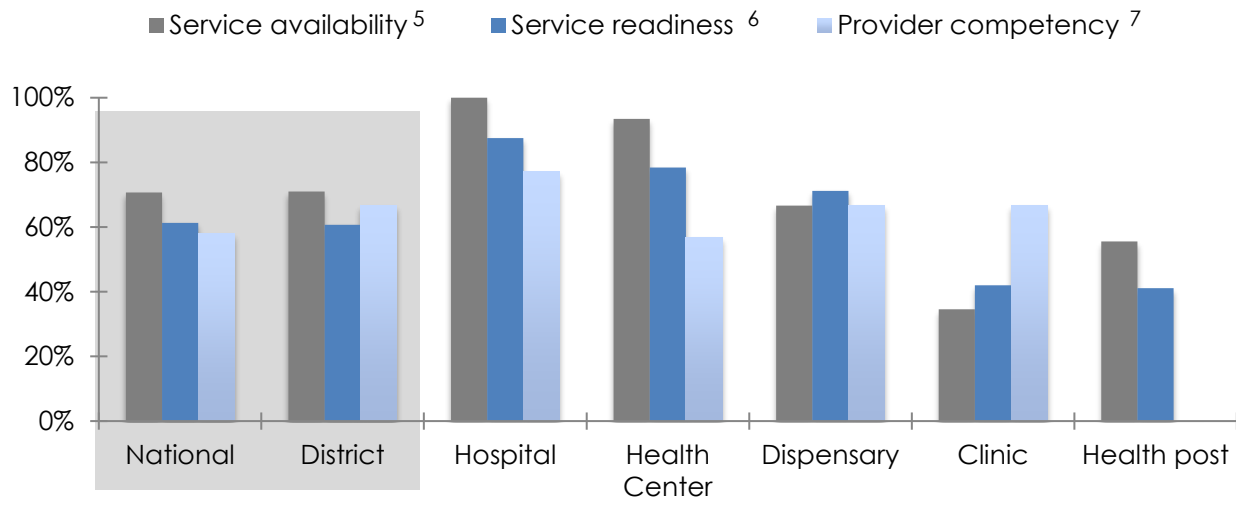
**Absenteeism** <sup>4</sup>

**N: 18%**

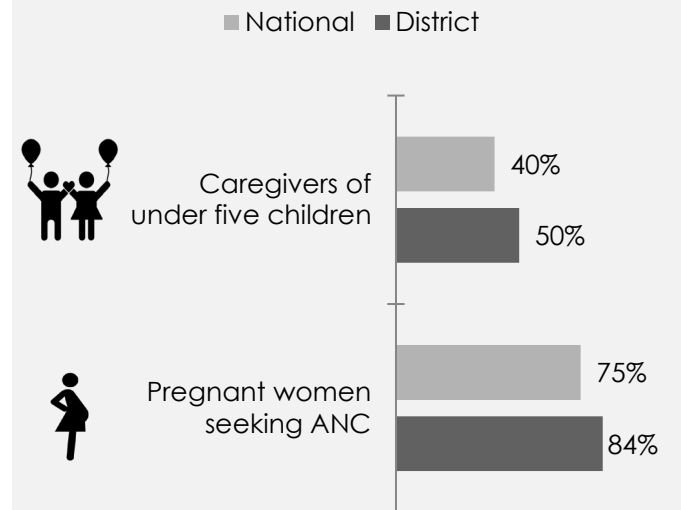
**D: 38%**



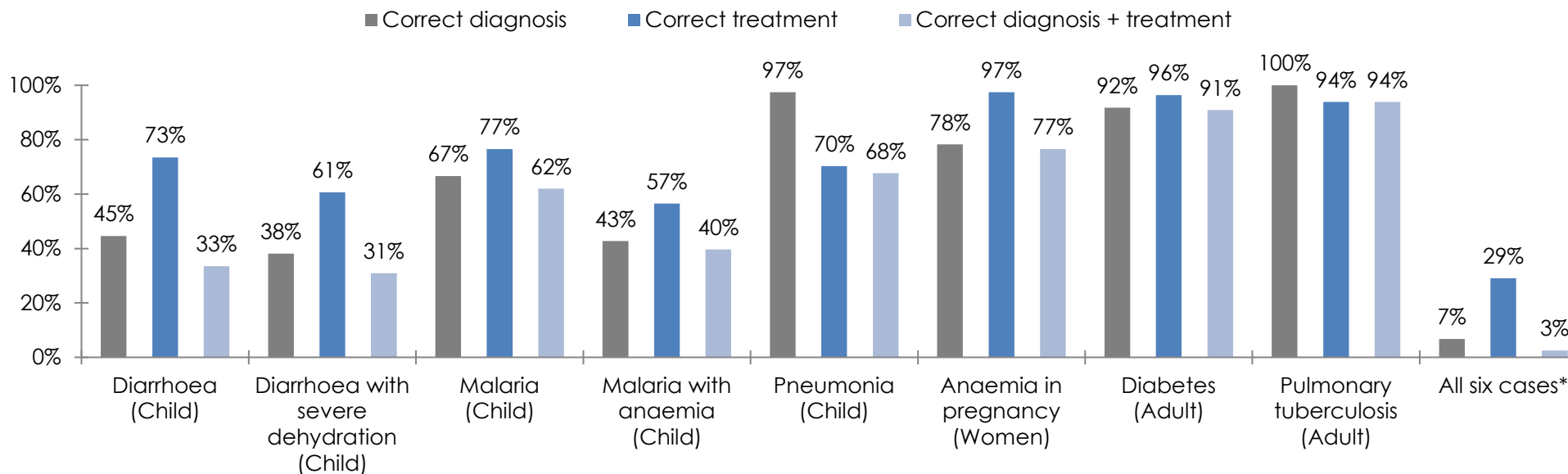
### Overall Performance for Delivering the Essential Health Package



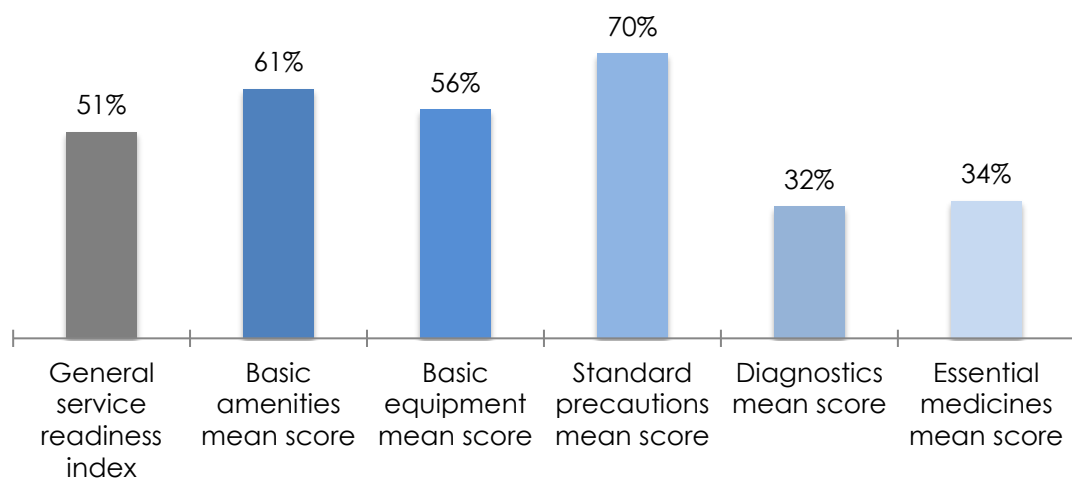
### Client Reported Quality of Visit <sup>8</sup>



### Provider Competency



### General Facility Infrastructure



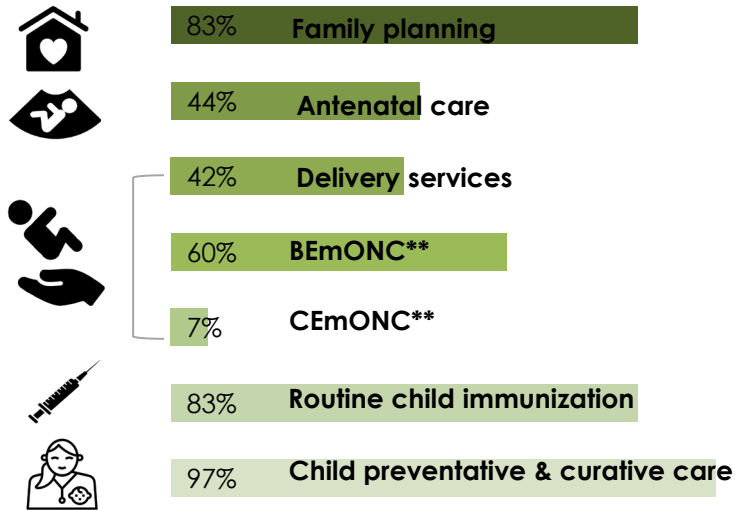
### Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	0%
Fluoxetine tablet	2%	3%
Carbamazepine tablet	5%	3%
Diazepam injectable	6%	3%
Simvastatin tablet / other statin	10%	3%
Ampicillin powder for injection	15%	3%
Haemoglobin	14%	8%
Beclomethasone inhaler	13%	8%
Urine dipstick - protein	23%	8%
Urine dipstick - glucose	22%	8%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

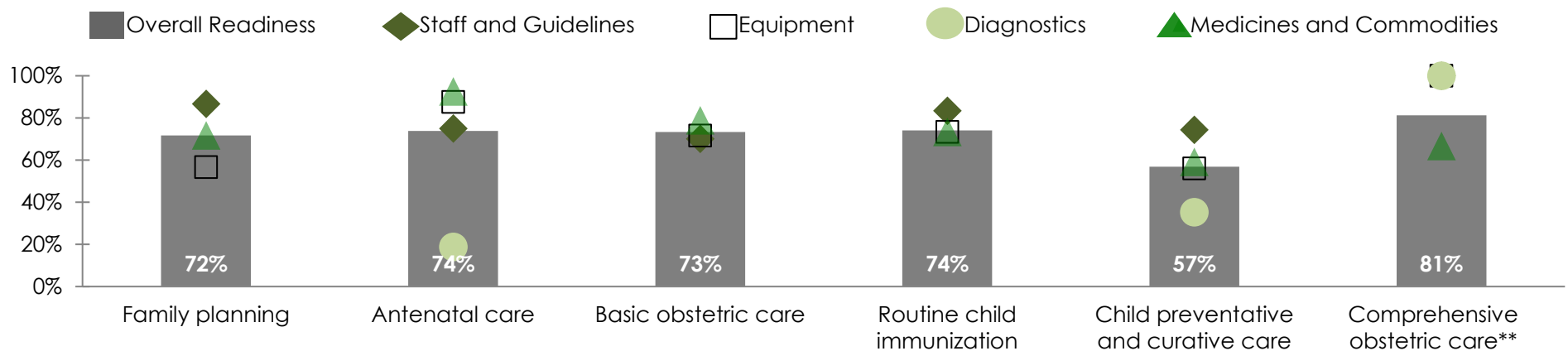


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Epinephrine injectable	54%	0%
Suxamethonium bromide powder	39%	0%
Blood supply sufficiency	47%	0%
Haemoglobin - child health	14%	9%
General microscopy/wet mounts	22%	14%
Co-trimoxazole suspension	30%	14%
Haemoglobin - ANC	18%	19%
Urine dipstick - protein	26%	19%
Paracetamol syrup/suspension	54%	23%
Vacuum aspirator or D&C kit	37%	40%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

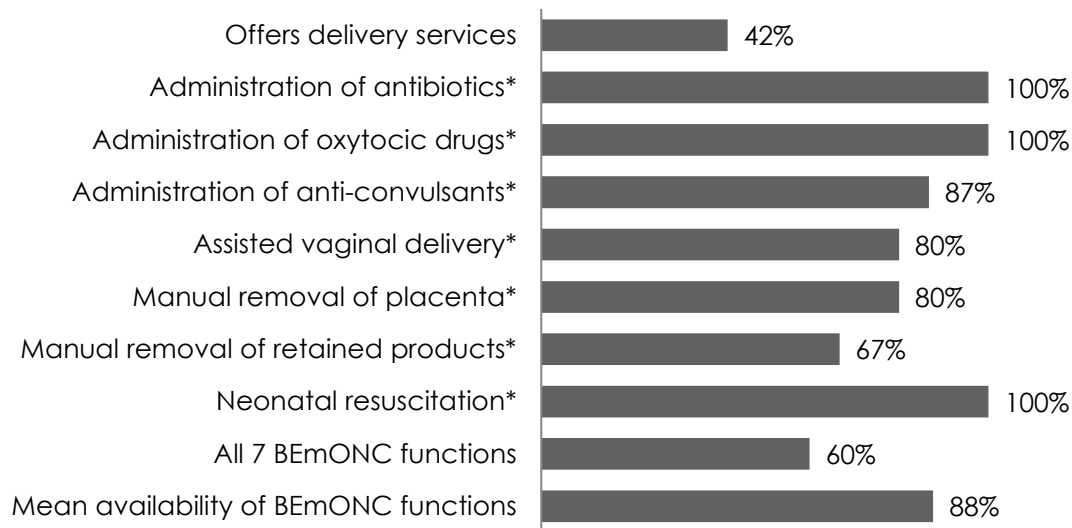
Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

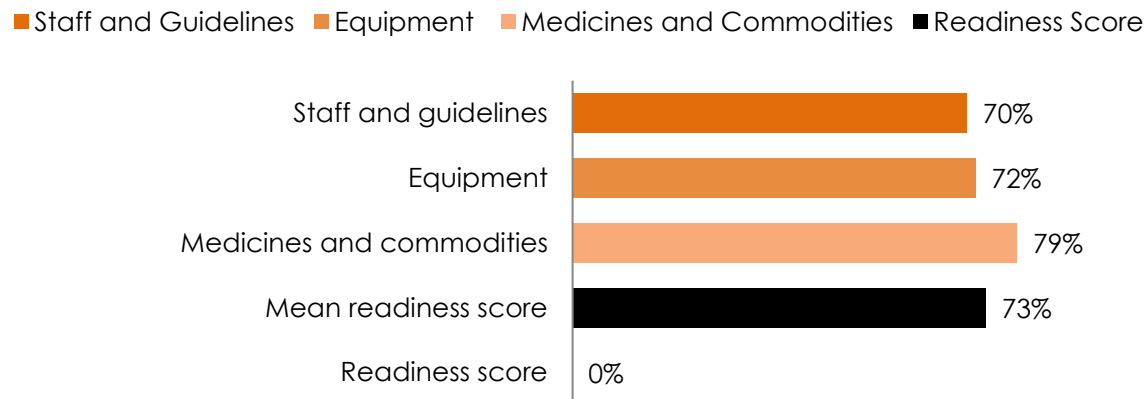
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions

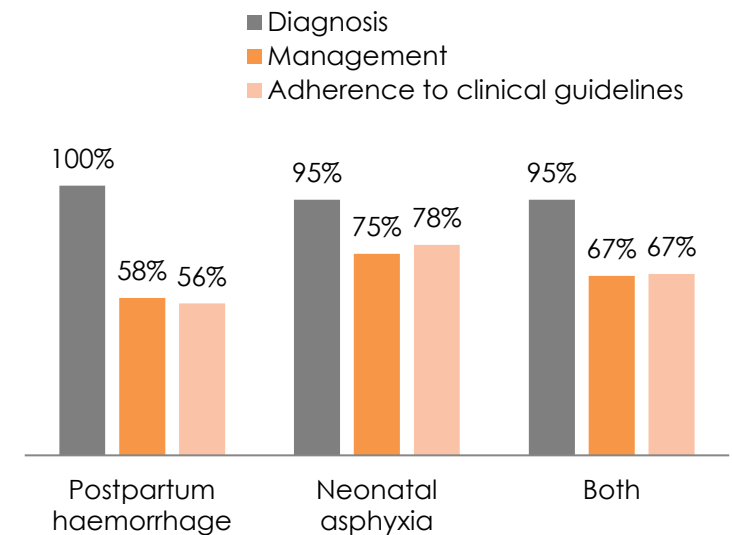


### Percentage of facilities with delivery items among facilities that provide delivery services



\* BEmONC signal function  
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Provider competency on maternal and neonatal complications



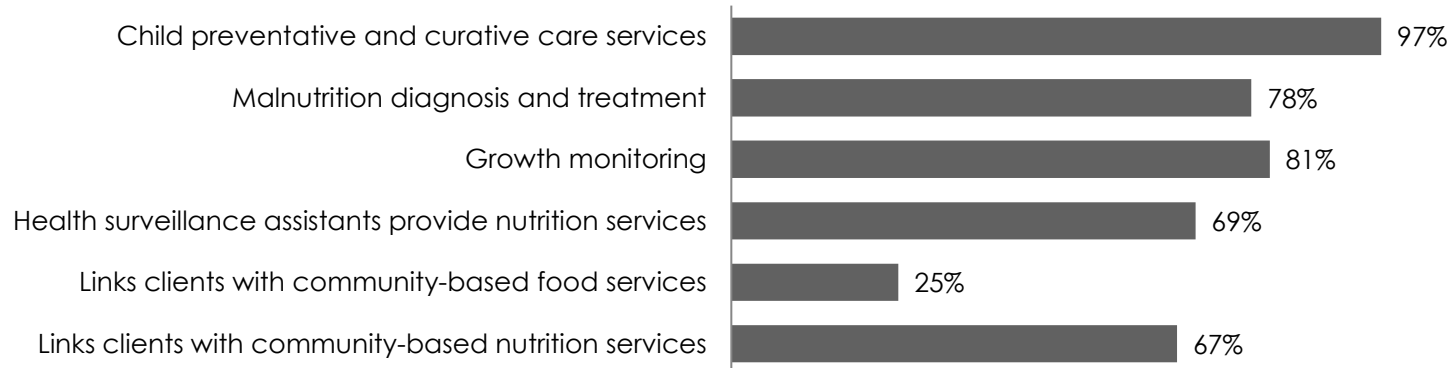
### Least Available Delivery Readiness Items

Percent of facilities with:

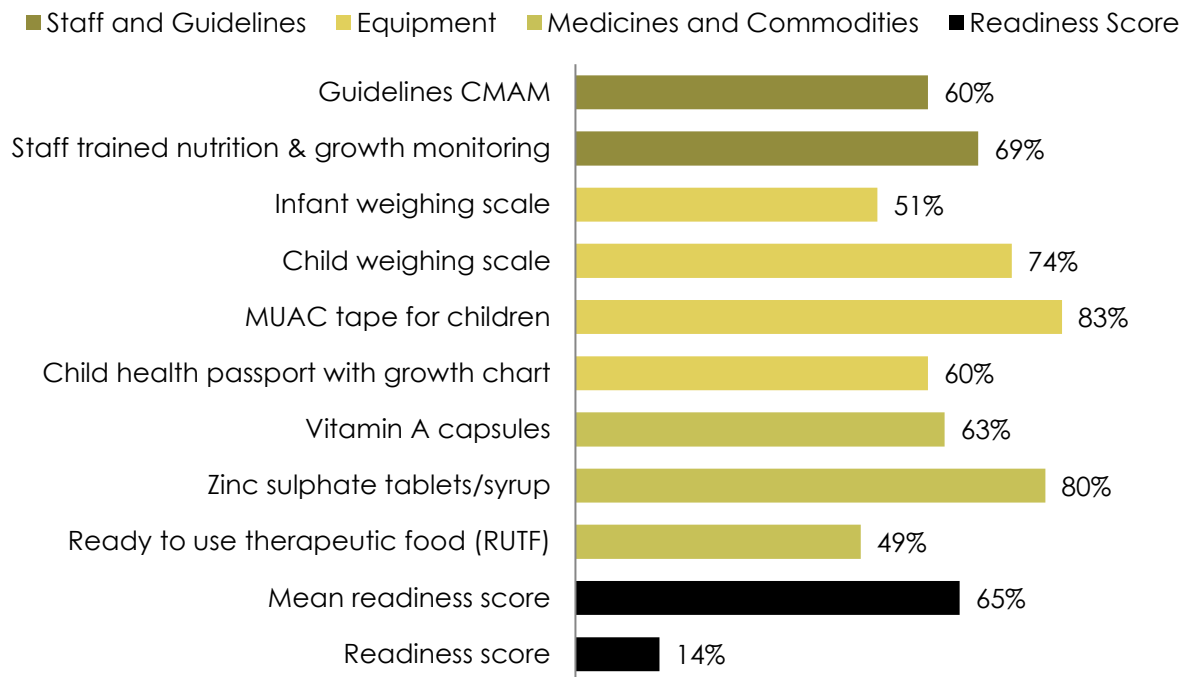
Item	N	D
Vacuum aspirator or D&C kit	37%	40%
Intravenous solution with infusion set	62%	40%
Examination light	58%	47%
Sterilization equipment	47%	53%
Manual vacuum extractor	47%	53%
Check-lists / job-aids for essential childbirth care	64%	60%
Delivery bed	55%	60%
Antibiotic eye ointment for newborn	85%	60%

**N** = National Average, **D** = District Average

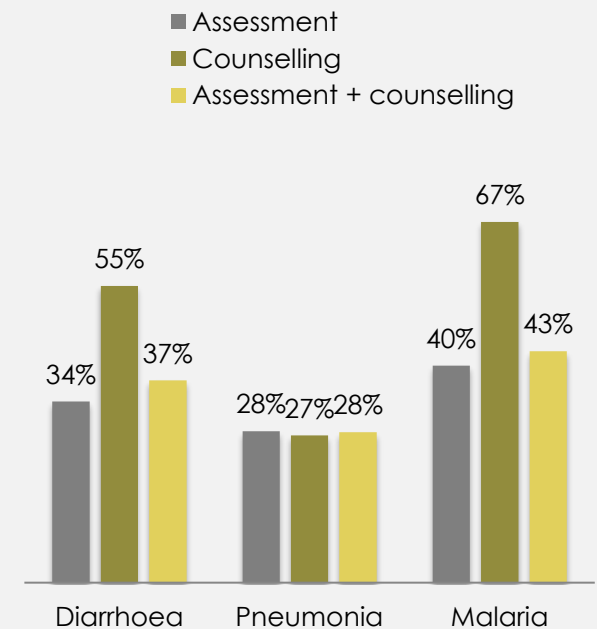
### Percentage of facilities that offer child nutrition services



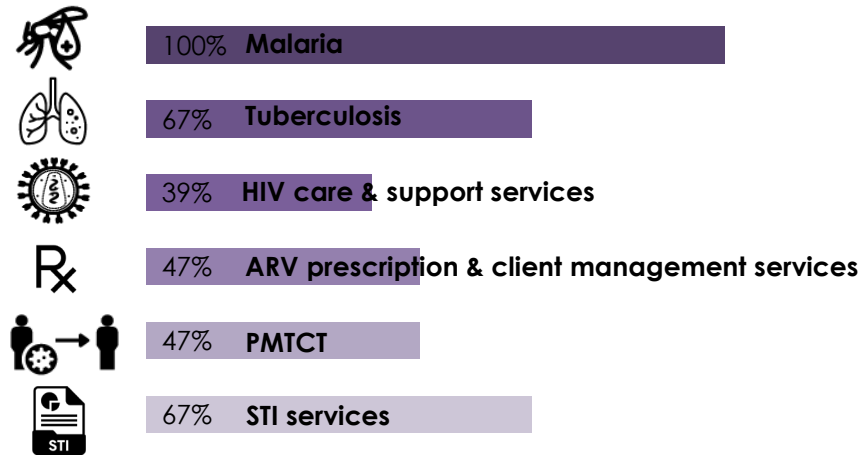
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

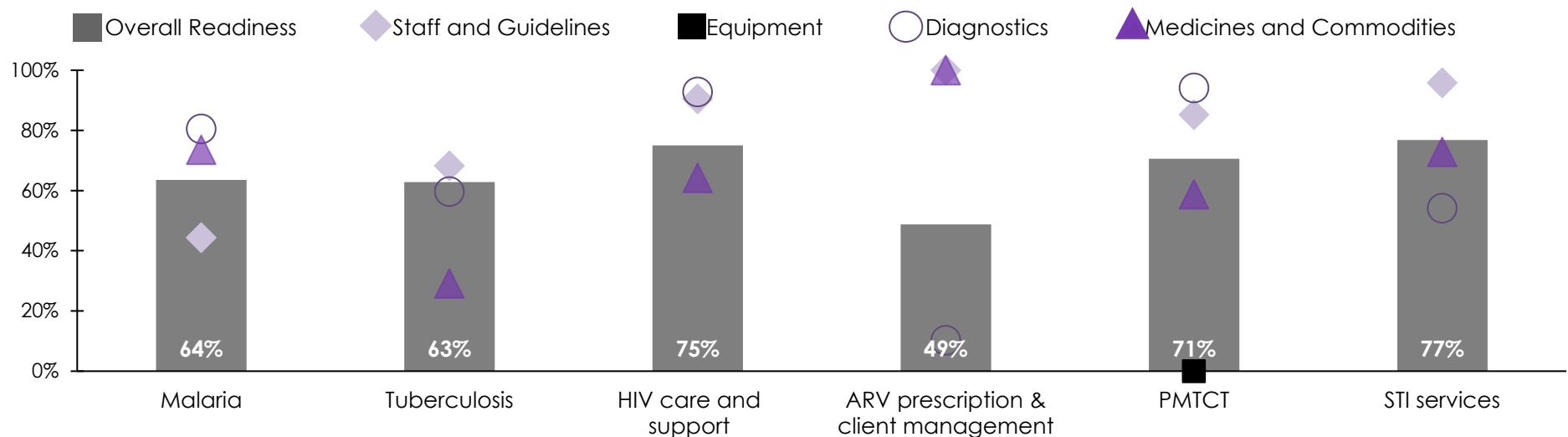


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Renal function test	8%	6%
Liver function test	8%	6%
IV treatment fungal infections	12%	7%
CD4 count or viral load test	8%	12%
Zidovudine syrup	17%	12%
Full blood count	16%	18%
Staff trained IPT	25%	28%
First line TB medications	50%	29%
Intravenous solution with infusion set	49%	36%

### Readiness\* to Provide Communicable Disease Services

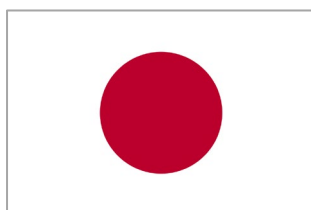


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N = National Average, D = District Average



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#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

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<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

### District Overview



### Health Workforce

Workforce Density <sup>2</sup>

**N: 10 /10,000**

**D: 6.7 /10,000**



Caseload <sup>3</sup>

**N: 40.13**

**D: 47.82**



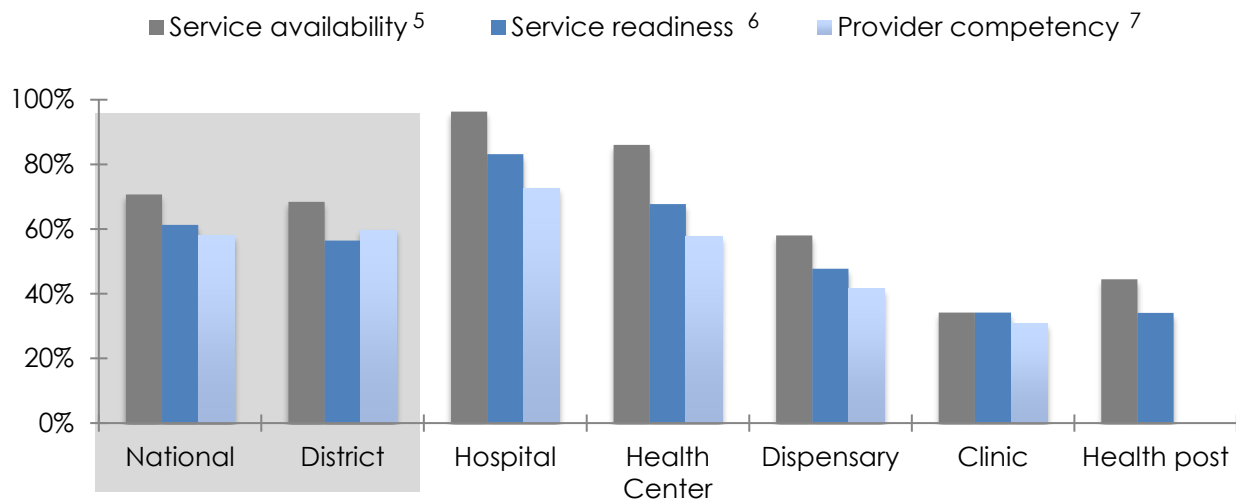
Absenteeism <sup>4</sup>

**N: 18%**

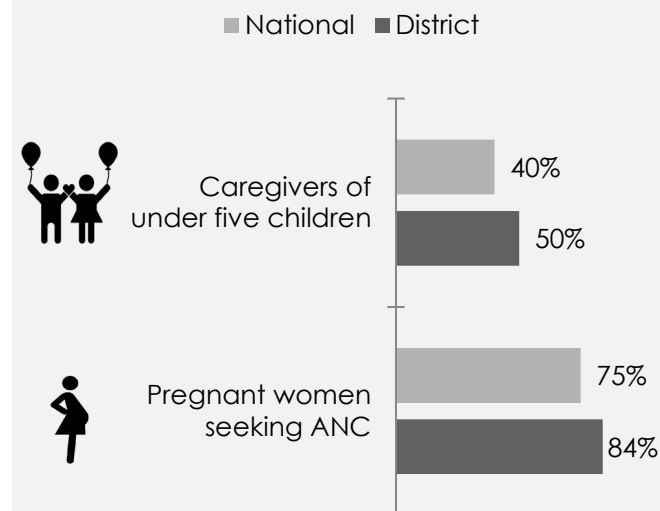
**D: 31%**



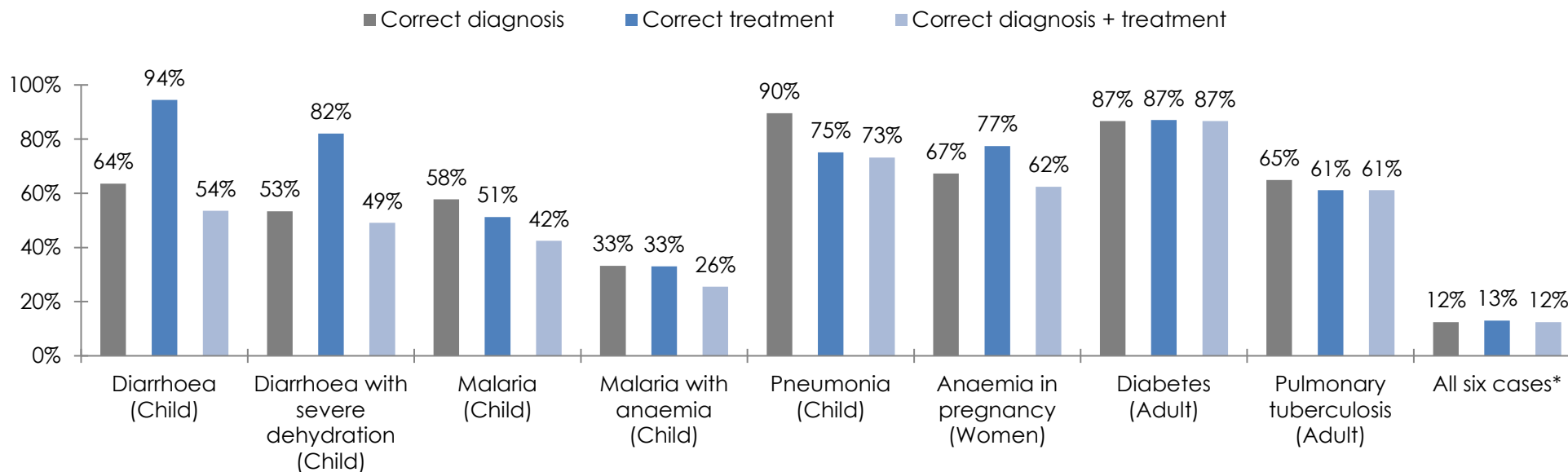
### Overall Performance for Delivering the Essential Health Package



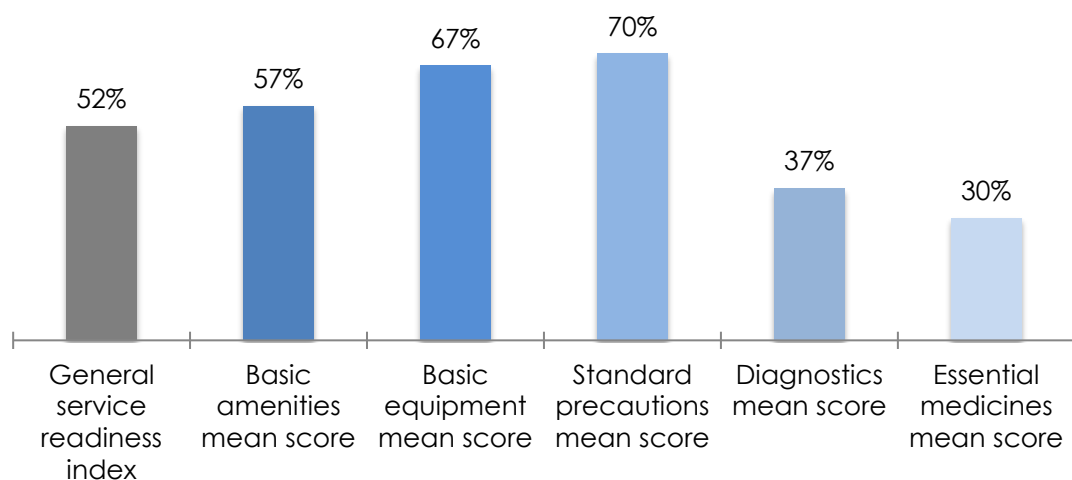
### Client Reported Quality of Visit <sup>8</sup>



### Provider Competency



### General Facility Infrastructure



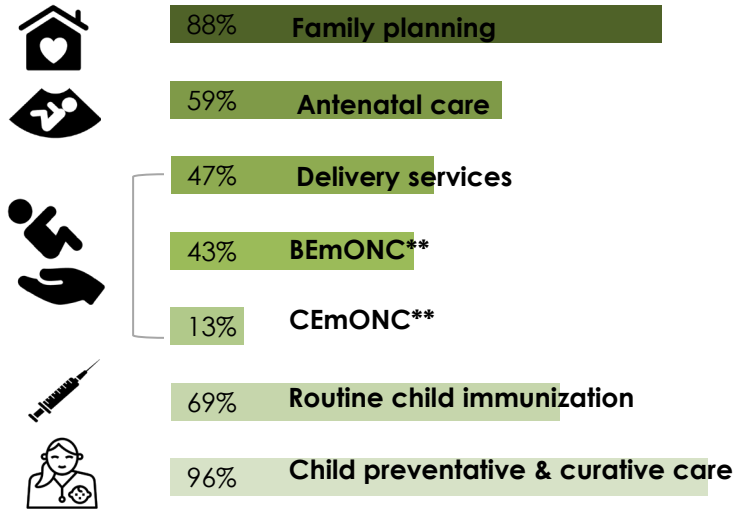
### Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	2%
Carbamazepine tablet	5%	6%
Diazepam injectable	6%	6%
Simvastatin tablet / other statin	10%	6%
Insulin regular injection	11%	6%
Beclomethasone inhaler	13%	8%
Urine dipstick - glucose	22%	8%
Haemoglobin	14%	10%
Urine dipstick - protein	23%	10%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

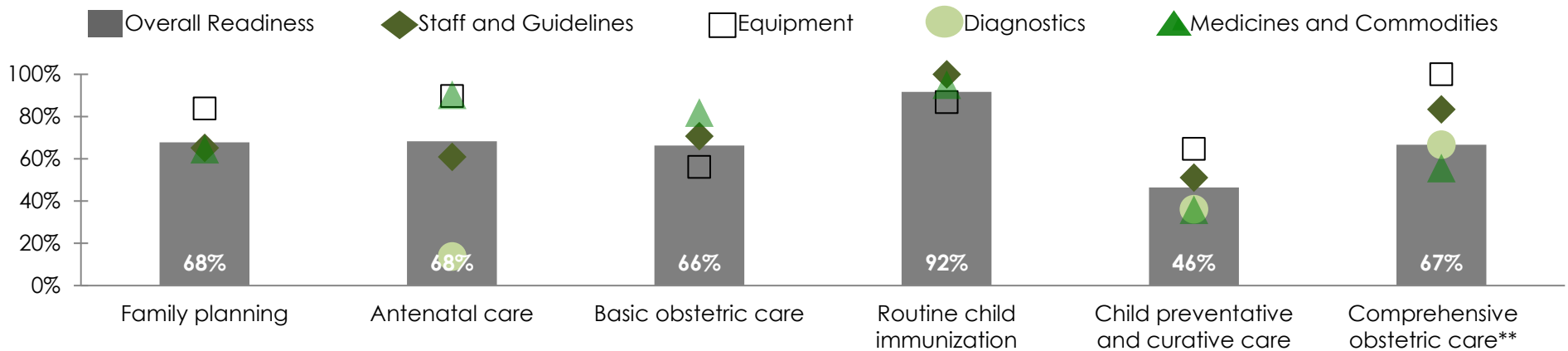


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Blood supply sufficiency	47%	0%
Haemoglobin - ANC	18%	10%
Haemoglobin - child health	14%	11%
General microscopy/wet mounts	22%	15%
Co-trimoxazole suspension	30%	15%
Urine dipstick - protein	26%	17%
Sterilization equipment	47%	17%
Delivery bed	55%	17%
Zinc sulphate tablet or syrup	53%	21%
Paracetamol syrup/suspension	54%	26%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

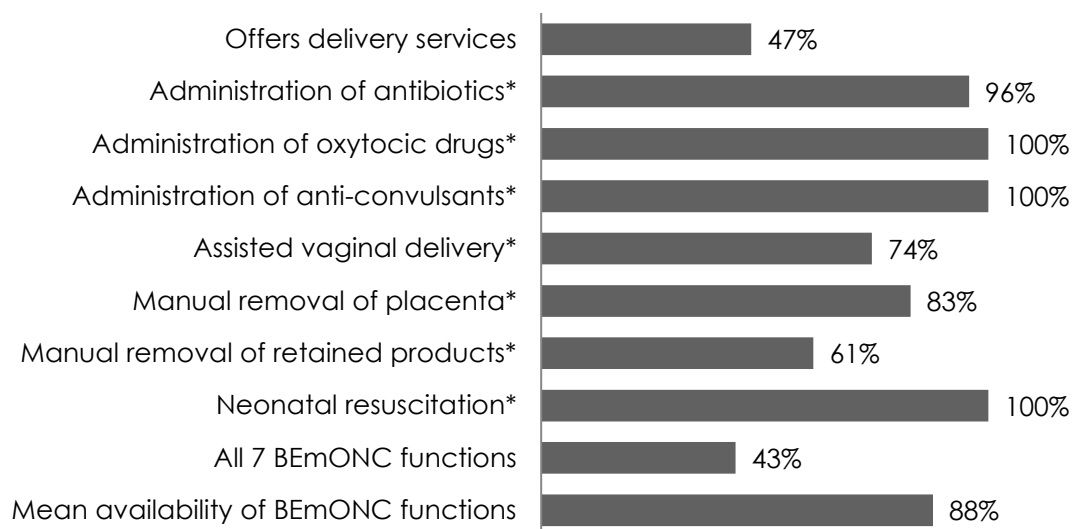
Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

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BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

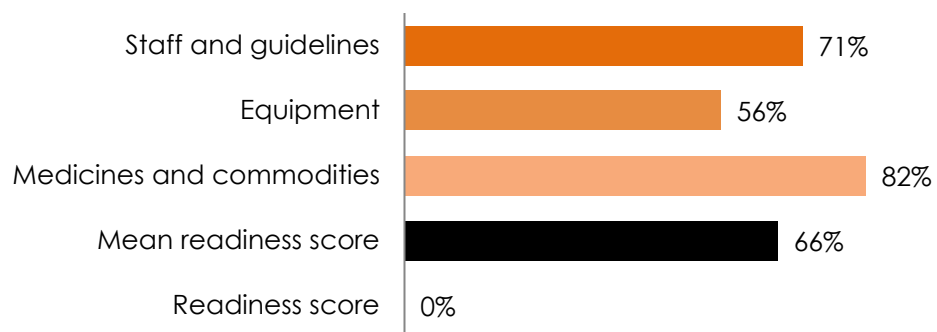
**N** = National Average, **D** = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Percentage of facilities with delivery items among facilities that provide delivery services

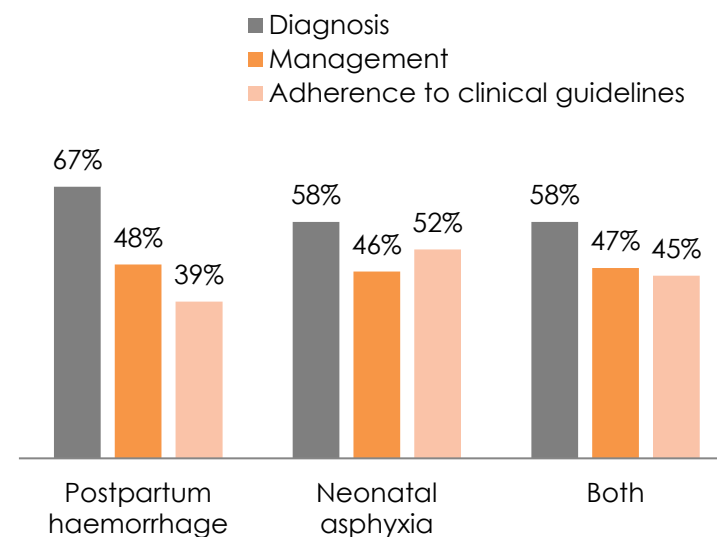
■ Staff and Guidelines ■ Equipment ■ Medicines and Commodities ■ Readiness Score



\* BEmONC signal function

Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Provider competency on maternal and neonatal complications



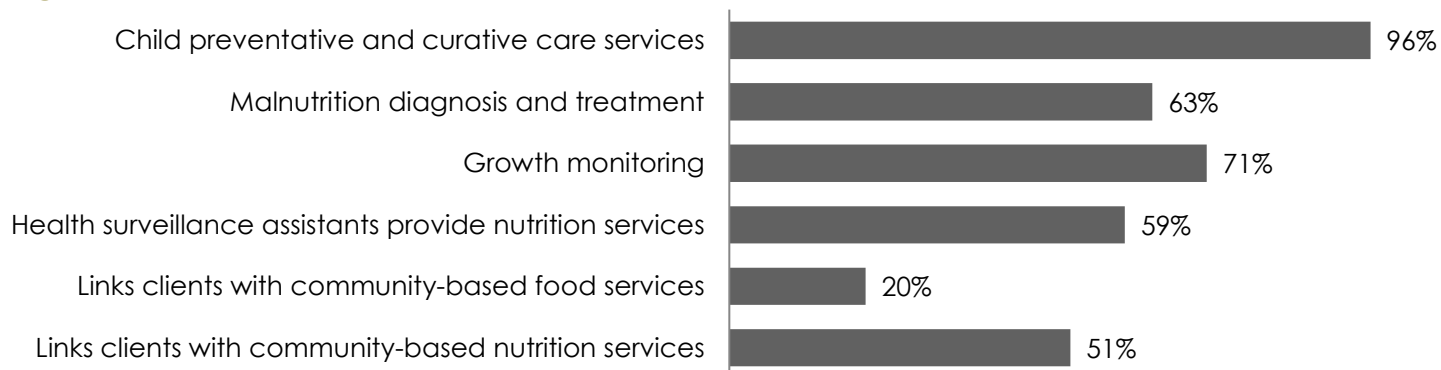
### Least Available Delivery Readiness Items

Percent of facilities with:

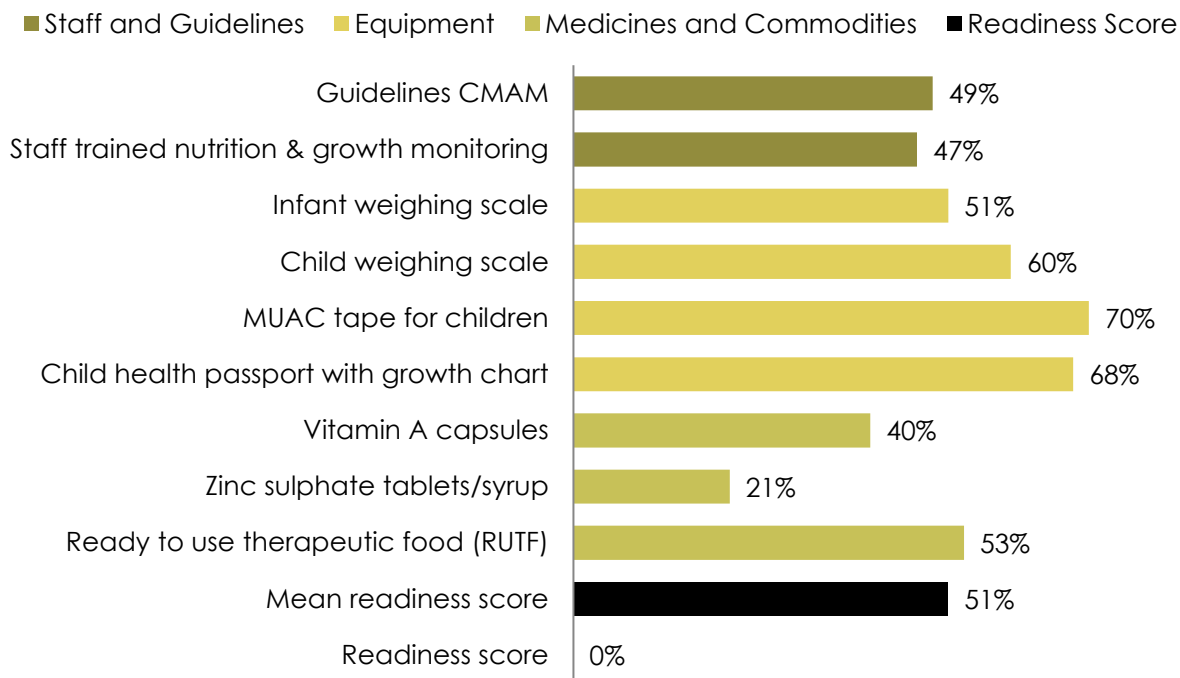
Item	N	D
Sterilization equipment	47%	17%
Delivery bed	55%	17%
Vacuum aspirator or D&C kit	37%	30%
Manual vacuum extractor	47%	39%
Examination light	58%	43%
Intravenous solution with infusion set	62%	52%
Antibiotic eye ointment for newborn	85%	57%
Soap and water / alcohol based hand rub	71%	65%

**N** = National Average, **D** = District Average

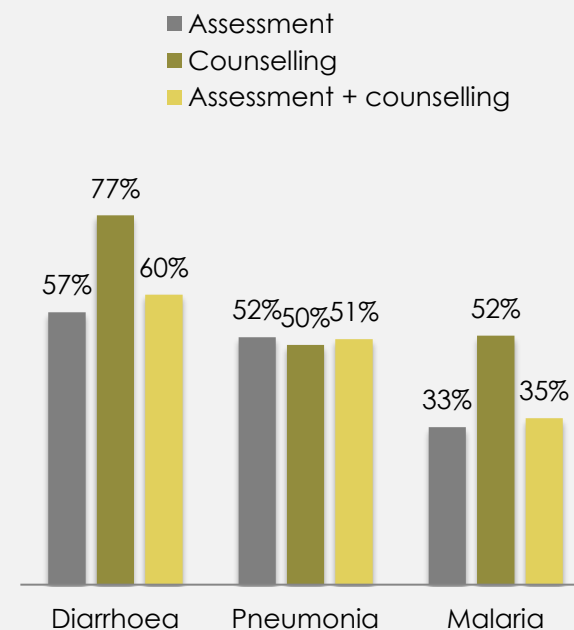
### Percentage of facilities that offer child nutrition services



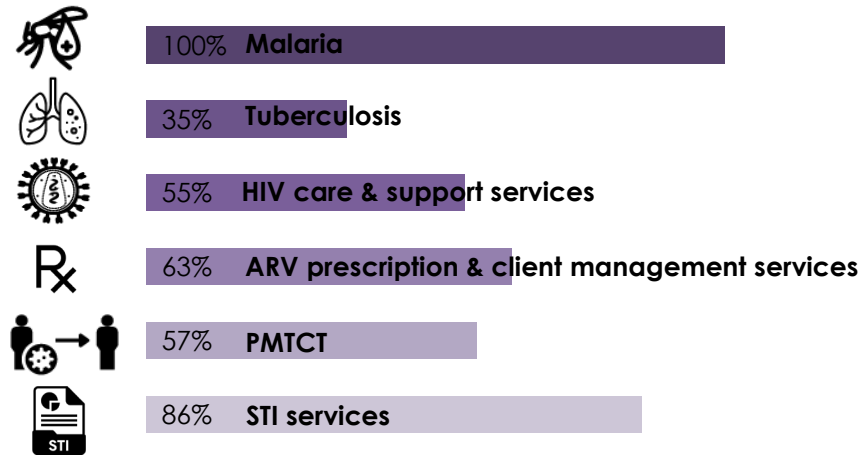
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

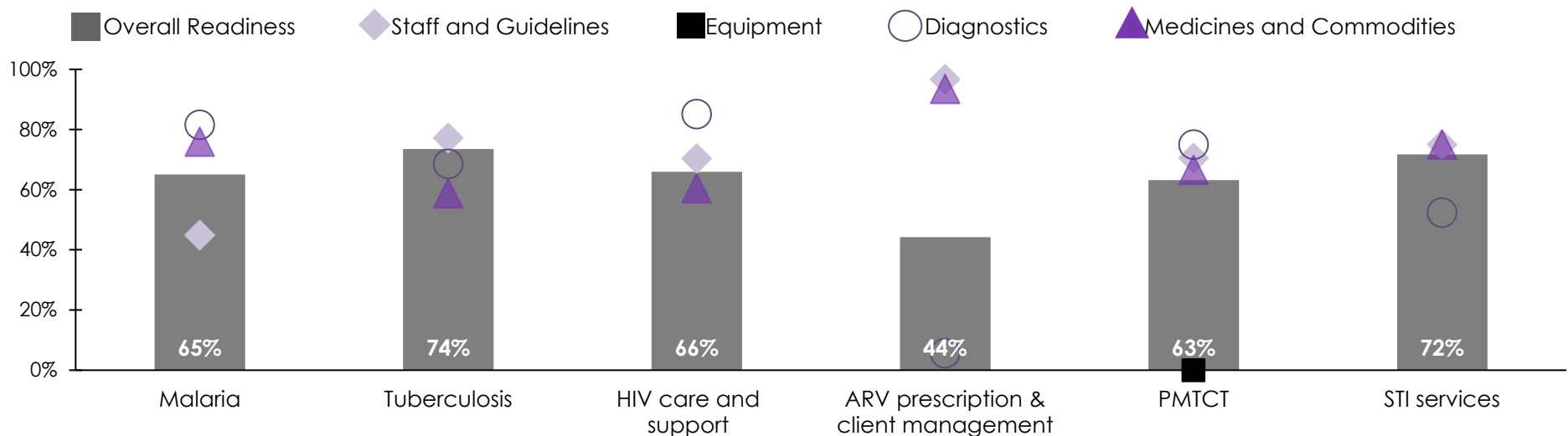


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Full blood count	16%	3%
CD4 count or viral load test	8%	6%
Renal function test	8%	6%
Liver function test	8%	6%
IV treatment fungal infections	12%	7%
TB microscopy	32%	18%
Staff trained IPT	25%	29%
Zidovudine syrup	17%	29%
Guidelines for palliative care	39%	33%

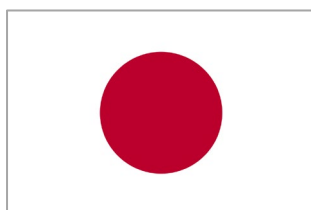
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N = National Average, D = District Average

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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility



## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 35 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 12.56**



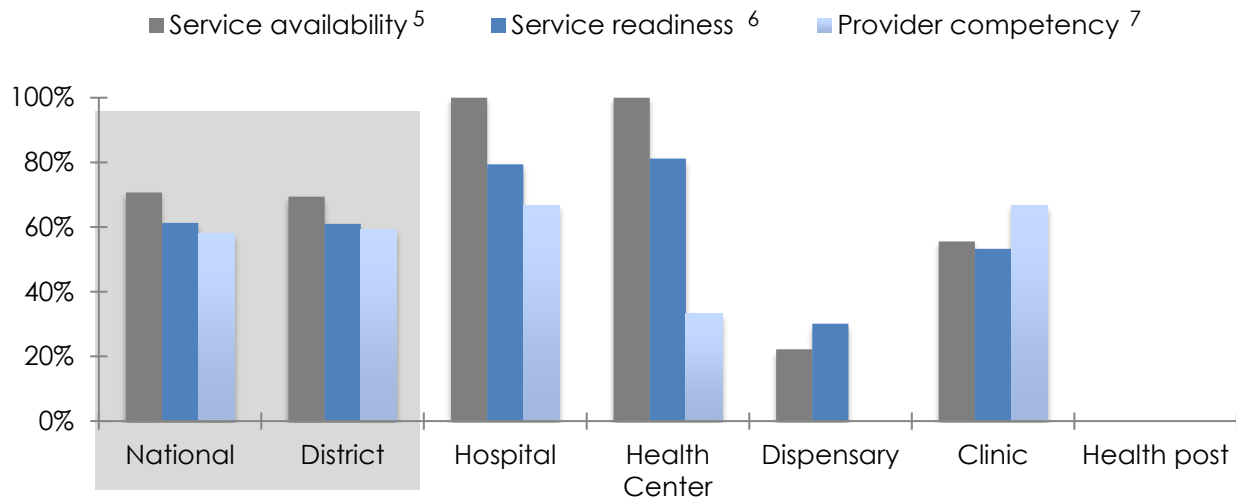
**Absenteeism** <sup>4</sup>

**N: 18%**

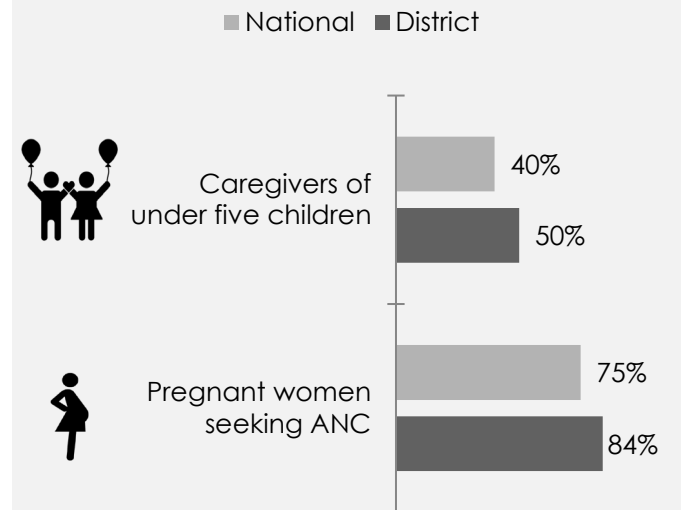
**D: 0%**



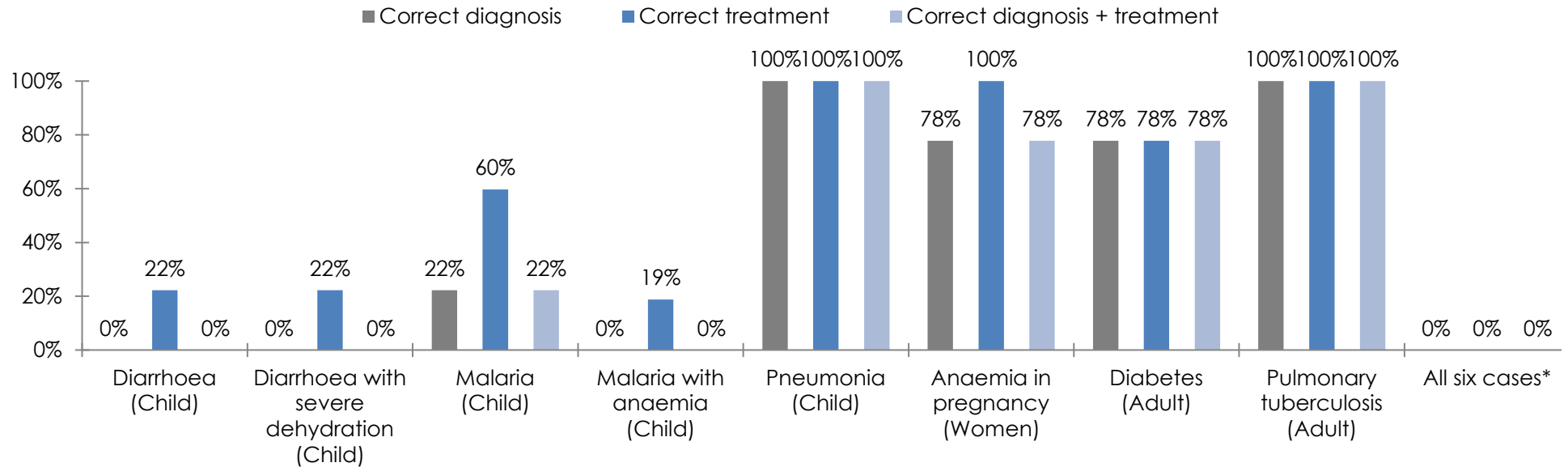
## Overall Performance for Delivering the Essential Health Package



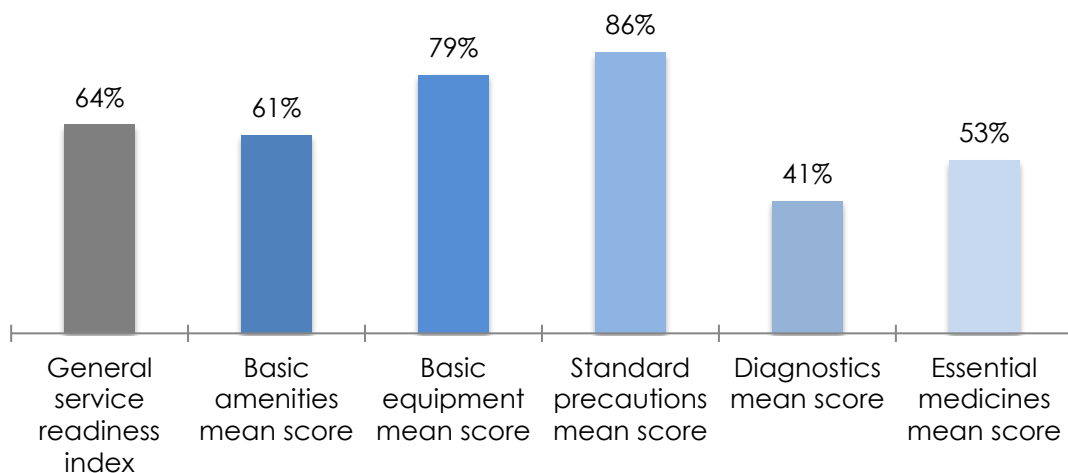
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



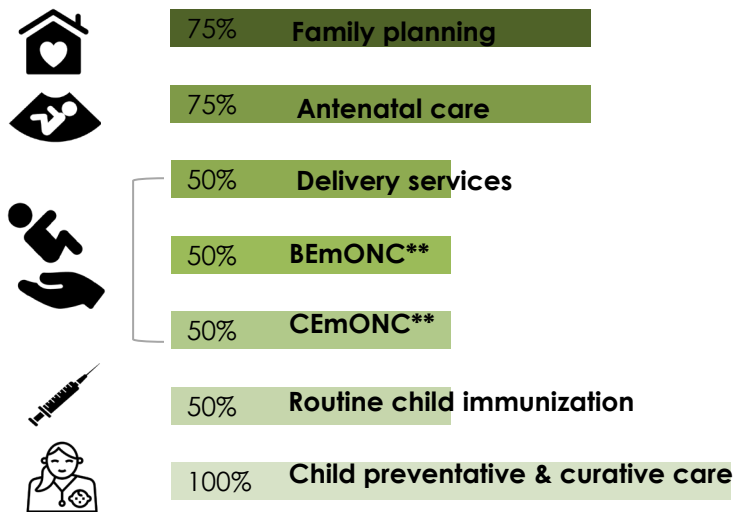
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	0%
Fluoxetine tablet	2%	0%
Urine dipstick - protein	23%	0%
Urine dipstick - glucose	22%	0%
Carbamazepine tablet	5%	25%
Diazepam injectable	6%	25%
Simvastatin tablet / other statin	10%	25%
Haemoglobin	14%	25%
Insulin regular injection	11%	25%
Ampicillin powder for injection	15%	25%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

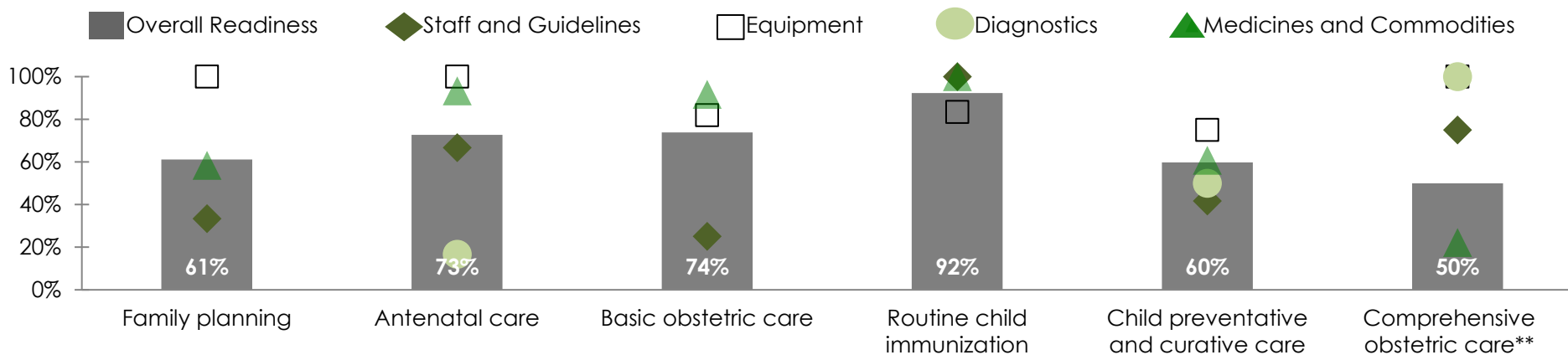


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Lidocaine 5%	53%	0%
Staff trained essential childbirth care	40%	0%
Injectable contraceptives	54%	0%
Epinephrine injectable	54%	0%
Thiopental powder	47%	0%
Suxamethonium bromide powder	39%	0%
Halothane inhalation	69%	0%
Urine dipstick - protein	26%	0%
Staff trained newborn resuscitation	63%	0%
Atropine injectable	71%	0%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

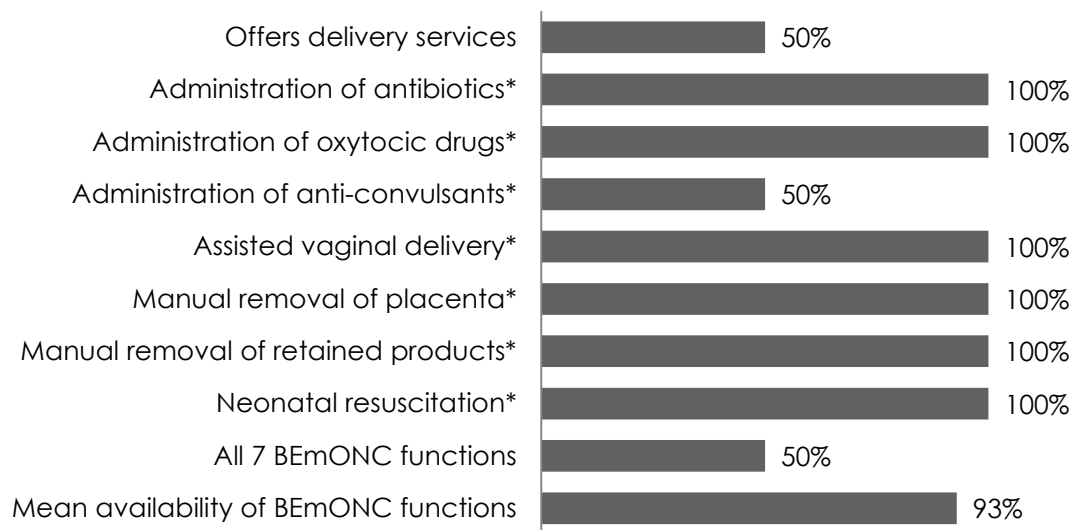
Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

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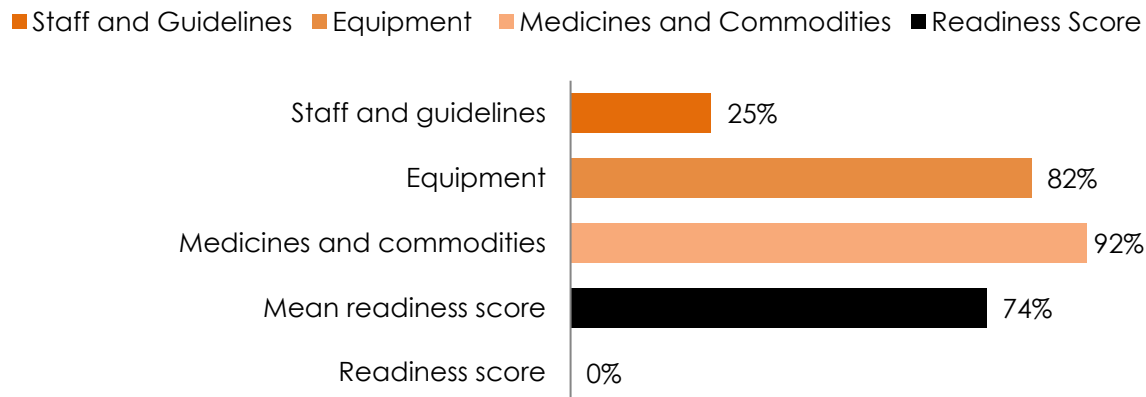
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**N** = National Average, **D** = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions

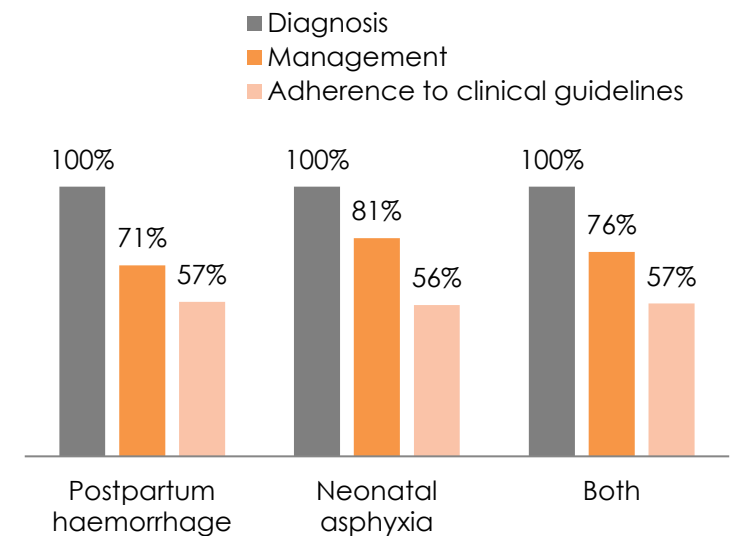


### Percentage of facilities with delivery items among facilities that provide delivery services



\* BEmONC signal function  
 Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Provider competency on maternal and neonatal complications



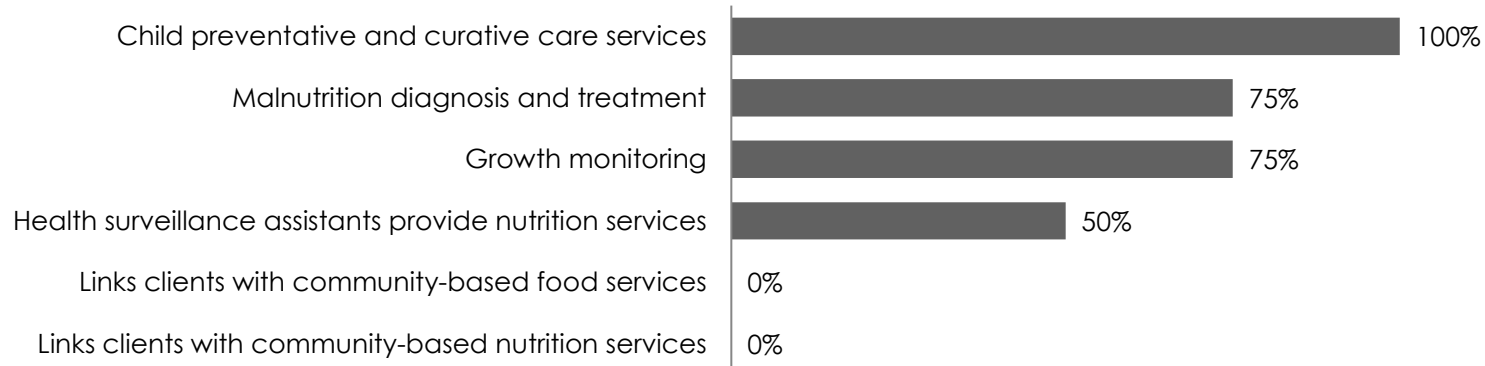
### Least Available Delivery Readiness Items

Percent of facilities with:

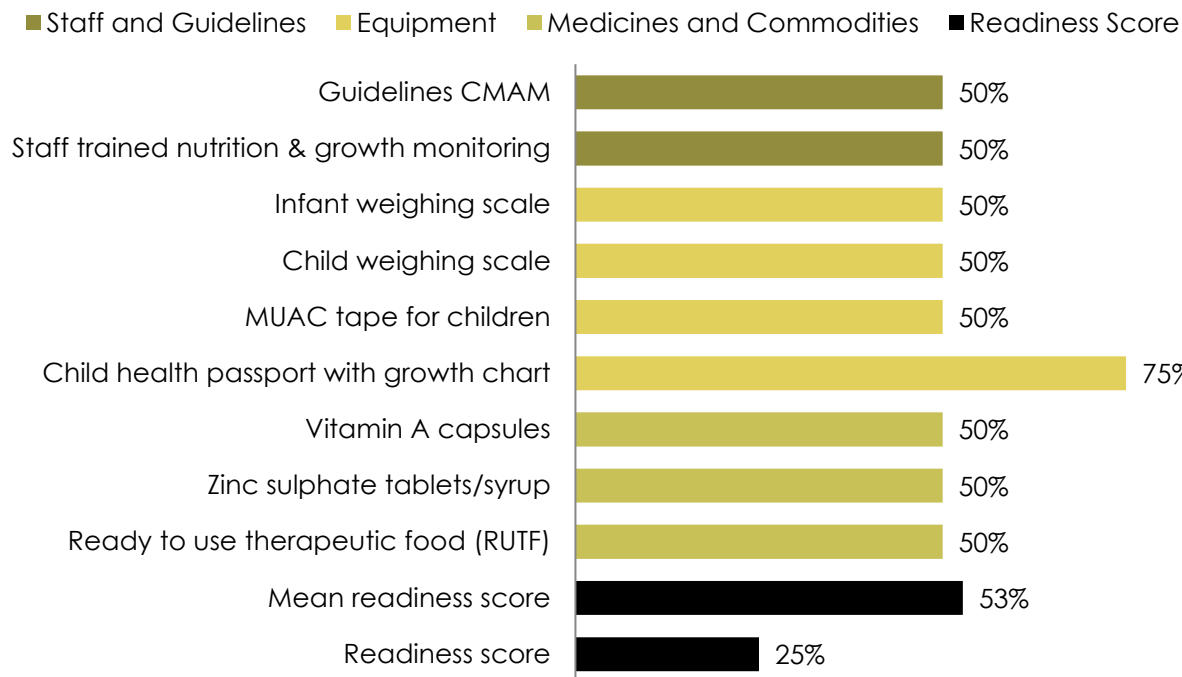
Item	N	D
Staff trained essential childbirth care	40%	0%
Staff trained newborn resuscitation	63%	0%
Examination light	58%	50%
Guidelines essential childbirth care	61%	50%
Check-lists / job-aids essential childbirth care	64%	50%
Sterilization equipment	47%	50%
Suction apparatus	80%	50%
Emergency transportation	82%	50%

**N** = National Average, **D** = District Average

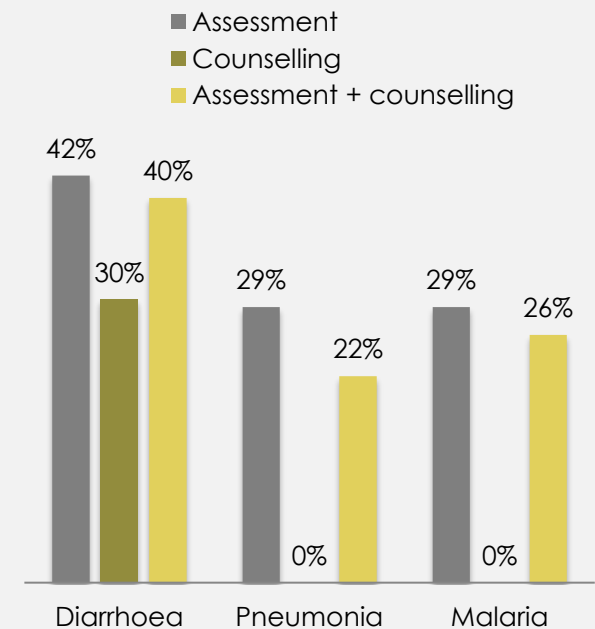
### Percentage of facilities that offer child nutrition services



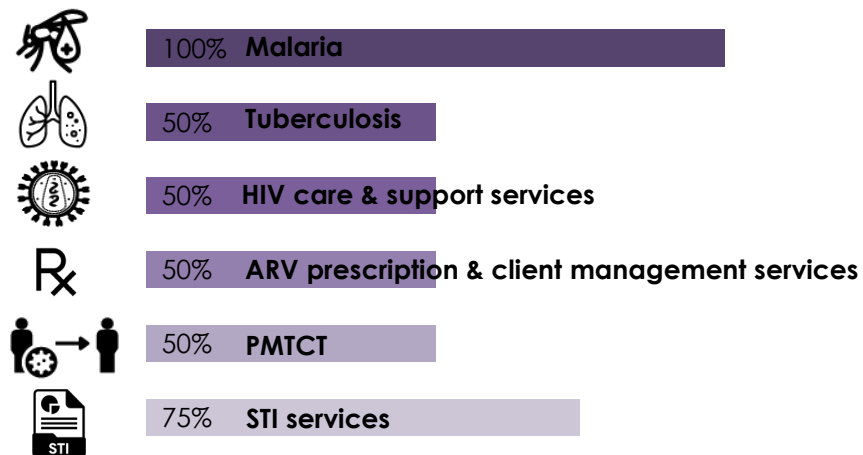
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

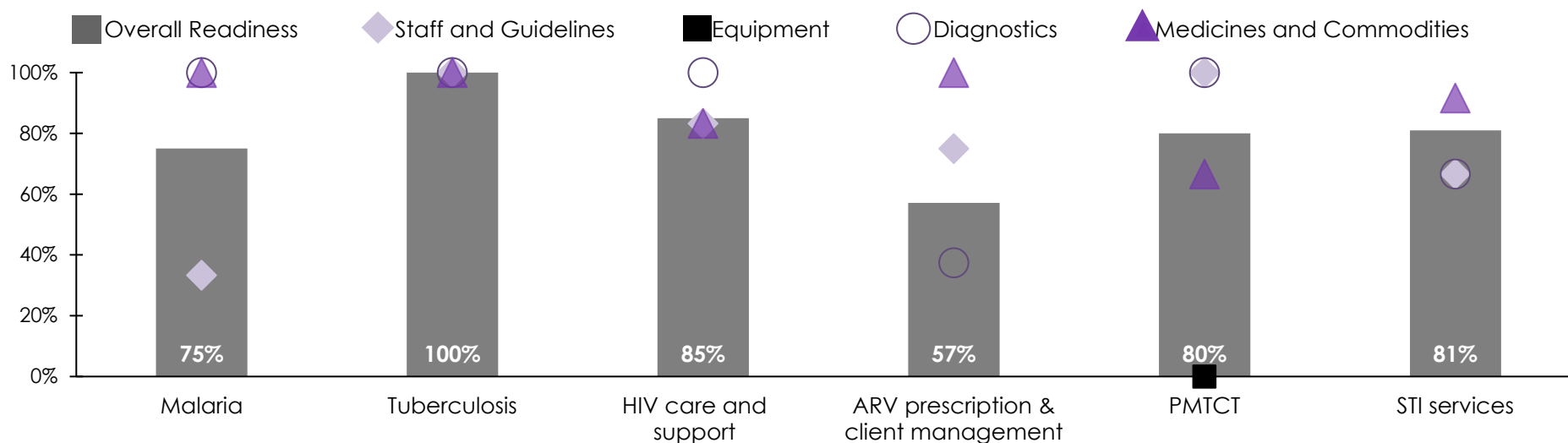


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
CD4 count or viral load test	8%	0%
IV treatment fungal infections	12%	0%
Zidovudine syrup	17%	0%
Staff trained IPT	25%	25%
Staff trained in malaria diagnosis/treatment	69%	25%
Renal function test	8%	50%
Liver function test	8%	50%
Guidelines IPT	41%	50%
Full blood count	16%	50%

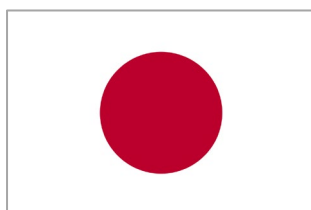
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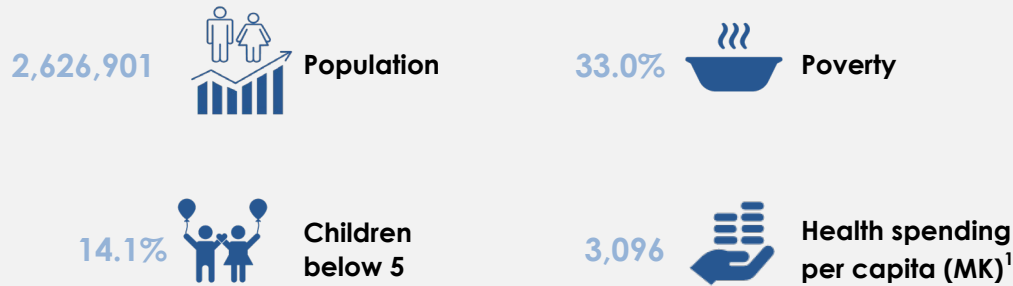
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<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

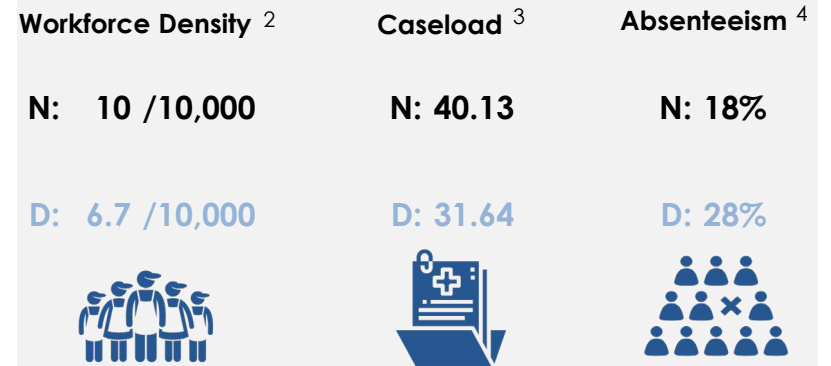
<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

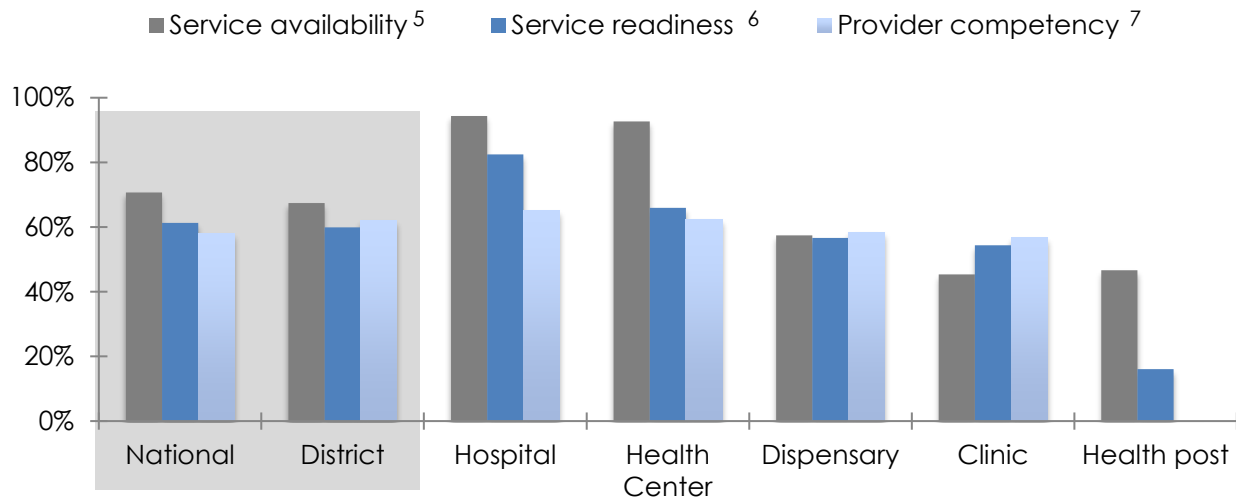
### District Overview



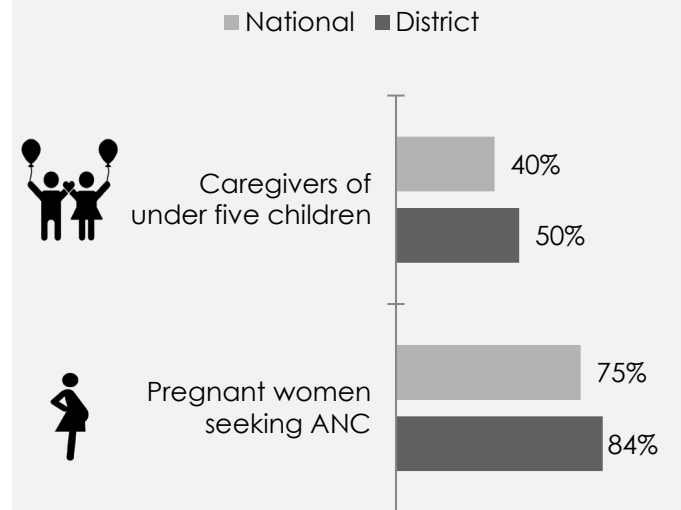
### Health Workforce



### Overall Performance for Delivering the Essential Health Package

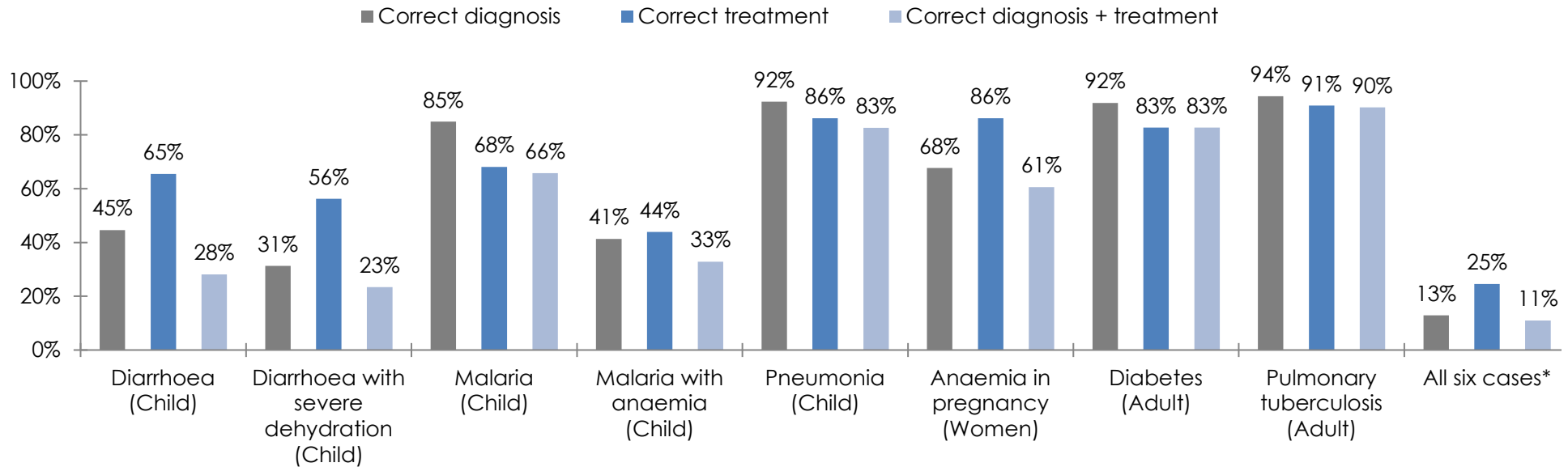


### Client Reported Quality of Visit <sup>8</sup>

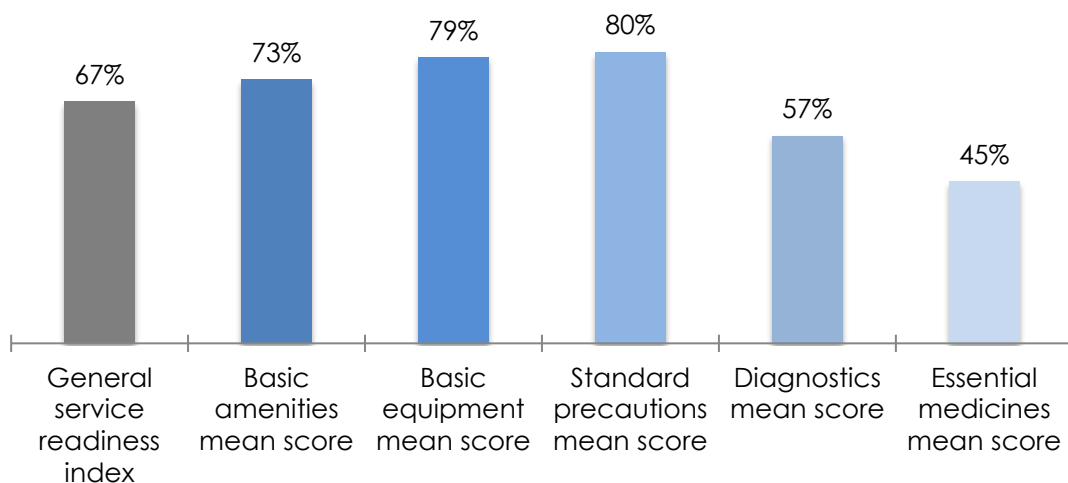




## Provider Competency



## General Facility Infrastructure



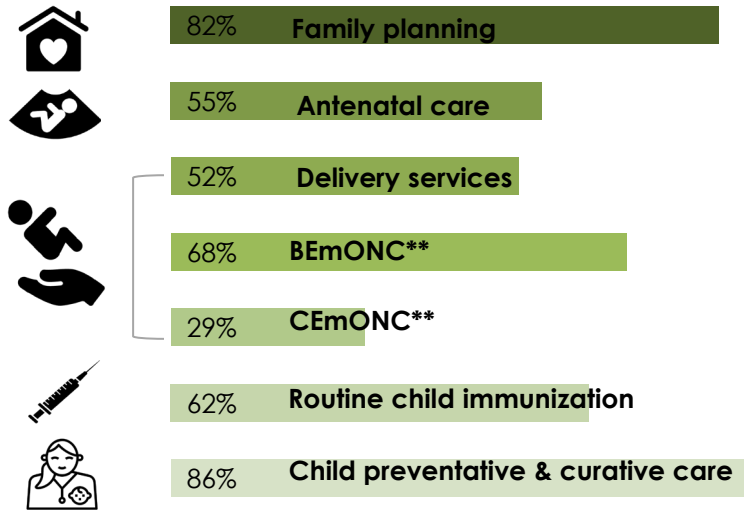
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	3%
Haloperidol tablet	3%	4%
Carbamazepine tablet	5%	8%
Diazepam injectable	6%	11%
Simvastatin tablet / other statin	10%	15%
Insulin regular injection	11%	21%
Ampicillin powder for injection	15%	22%
Beclomethasone inhaler	13%	25%
Haemoglobin	14%	26%
Amlodipine tablet	24%	33%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

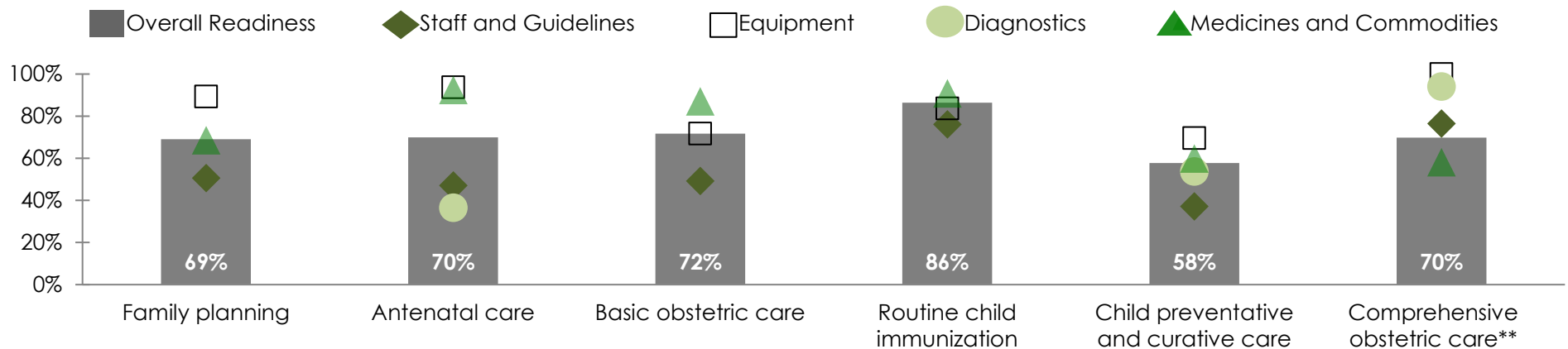


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Staff trained growth monitoring	53%	26%
Haemoglobin - child health	14%	27%
Staff trained ANC	42%	29%
Haemoglobin - ANC	18%	30%
Staff trained essential childbirth care	40%	32%
Lidocaine 5%	53%	35%
Thiopental powder	47%	35%
Guidelines IMCI	45%	40%
Co-trimoxazole suspension	30%	41%
Suxamethonium bromide powder	39%	41%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

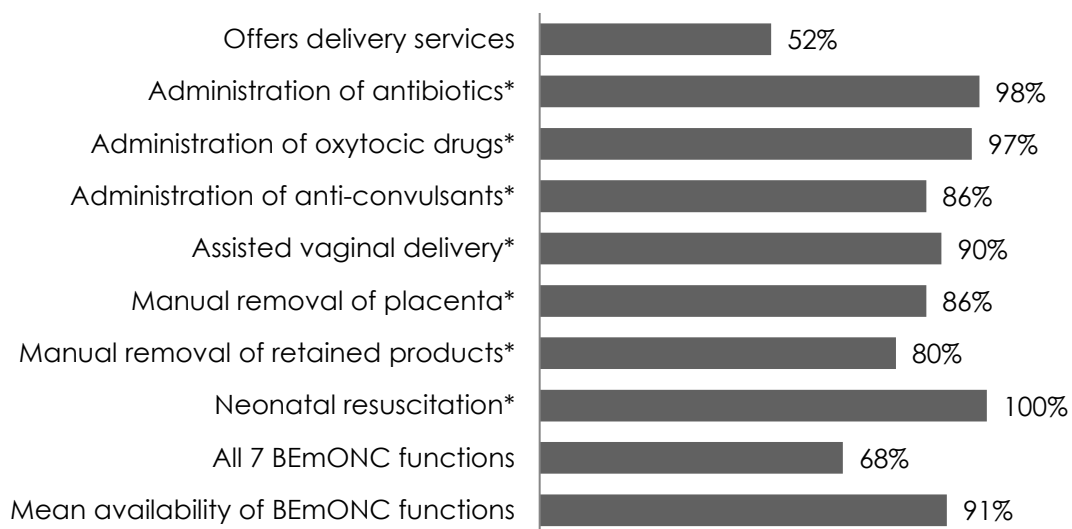
Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

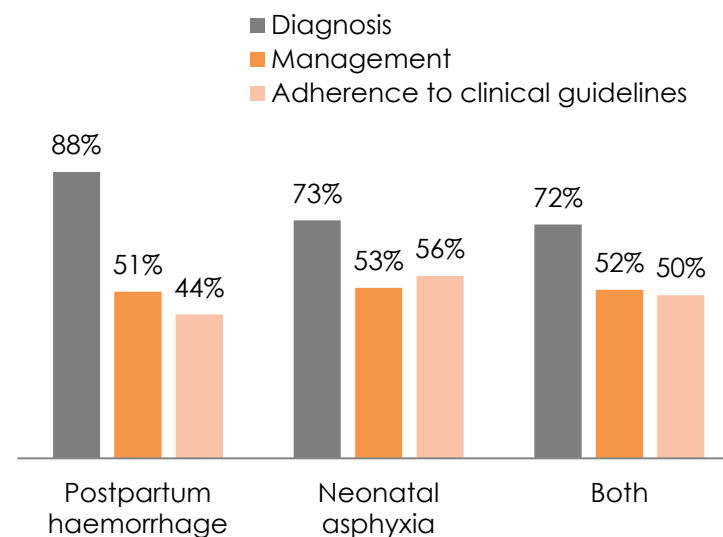
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

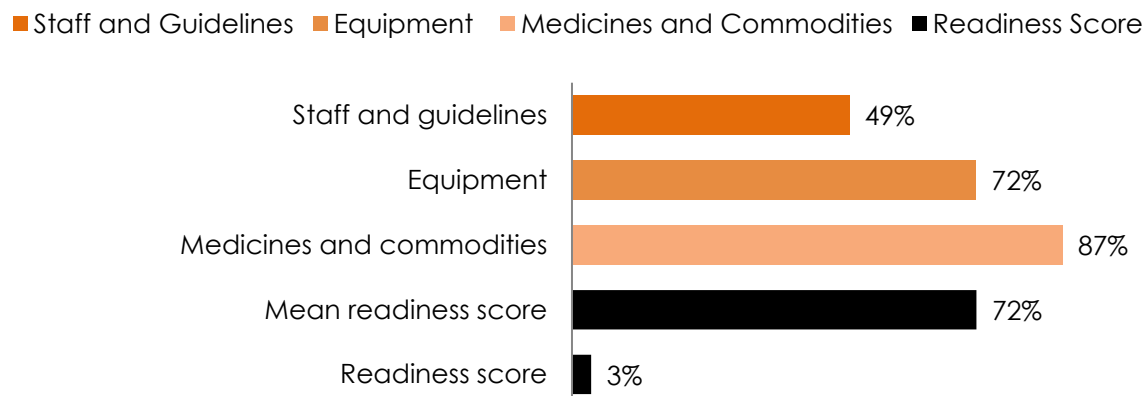
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

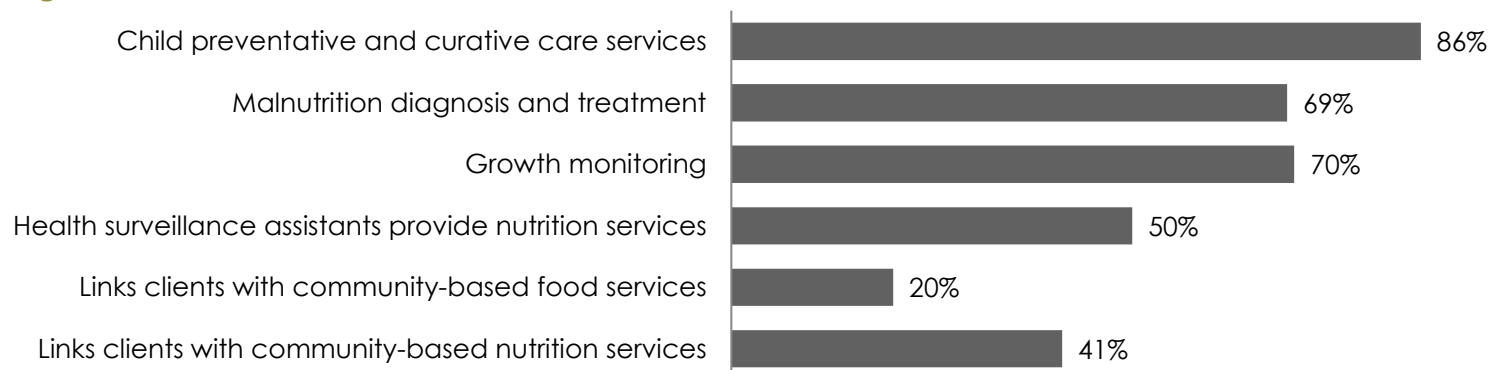
Item	N	D
Staff trained essential childbirth care	40%	32%
Sterilization equipment	47%	47%
Vacuum aspirator or D&C kit	37%	49%
Guidelines essential childbirth care	61%	51%
Check-lists / job-aids for essential childbirth care	64%	51%
Intravenous solution with infusion set	62%	58%
Delivery bed	55%	59%
Staff trained newborn resuscitation	63%	63%

\* BEmONC signal function

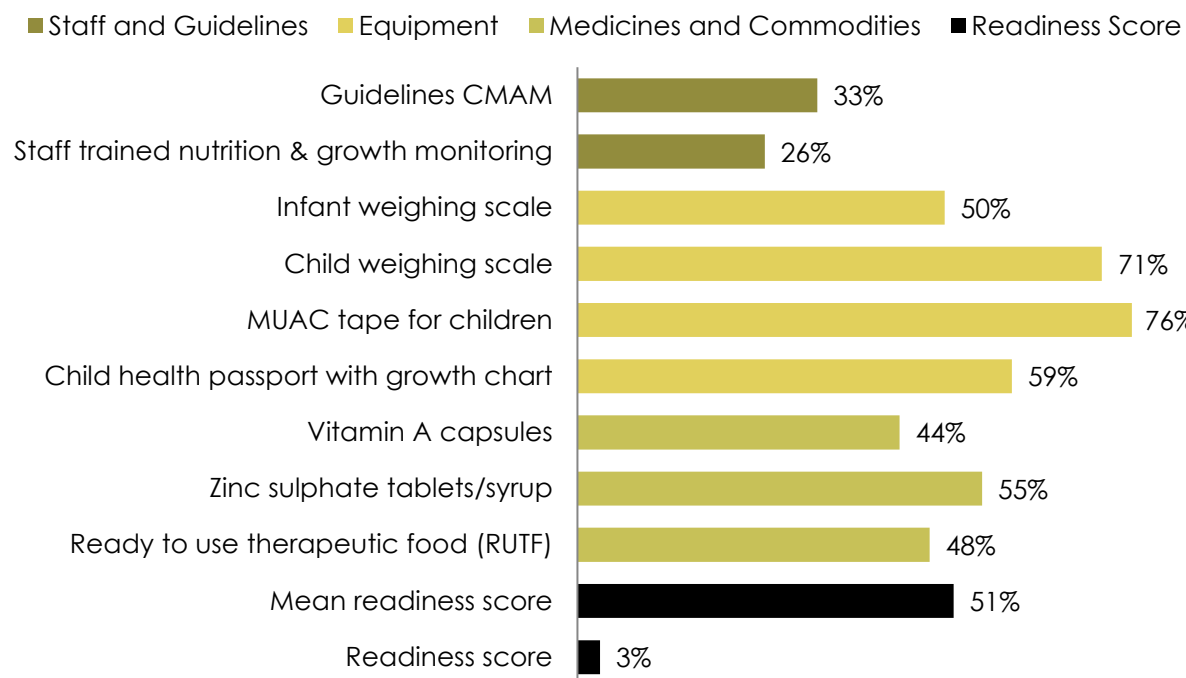
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N = National Average, D = District Average

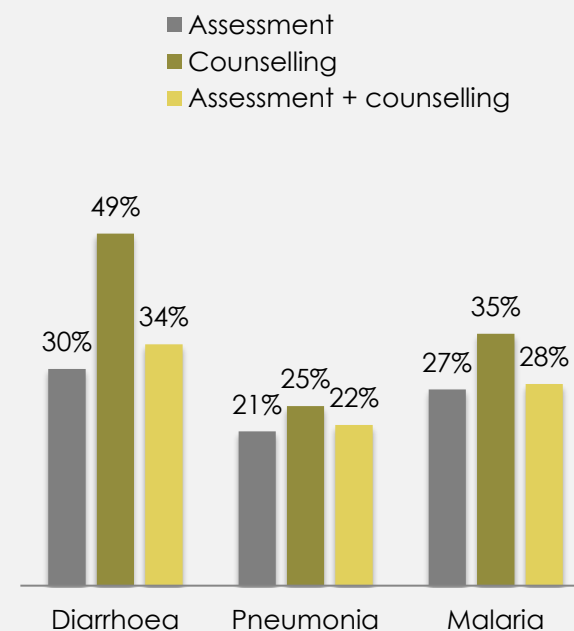
### Percentage of facilities that offer child nutrition services



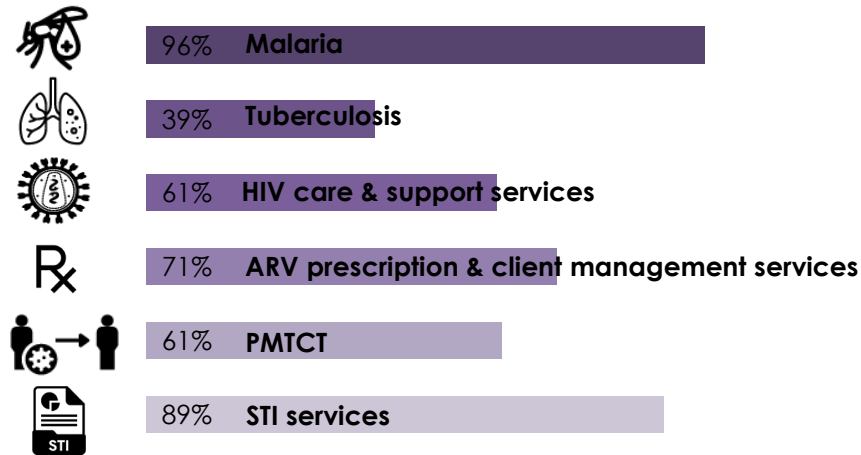
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

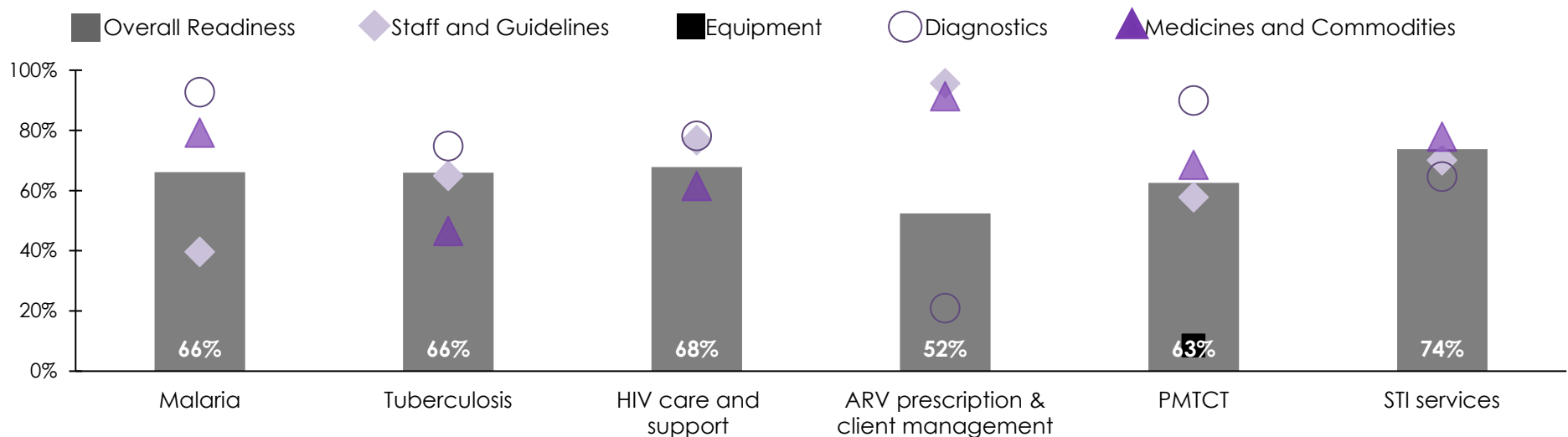


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	9%
CD4 count or viral load test	8%	9%
Liver function test	8%	20%
Staff trained IPT	25%	20%
Renal function test	8%	21%
IV treatment fungal infections	12%	25%
First line TB medications	39%	28%
Zidovudine syrup	17%	30%
Guidelines IPT	41%	35%
Full blood count	16%	35%

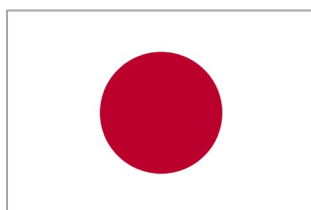
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

**N** = National Average, **D** = District Average

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#### District Overview Data Sources

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Poverty rate: Malawi National Statistics Office Integrated Household Survey 2016/2017

Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density<sup>2</sup>**

**N: 10 /10,000**

**D: 9 /10,000**



**Caseload<sup>3</sup>**

**N: 40.13**

**D: 31.43**



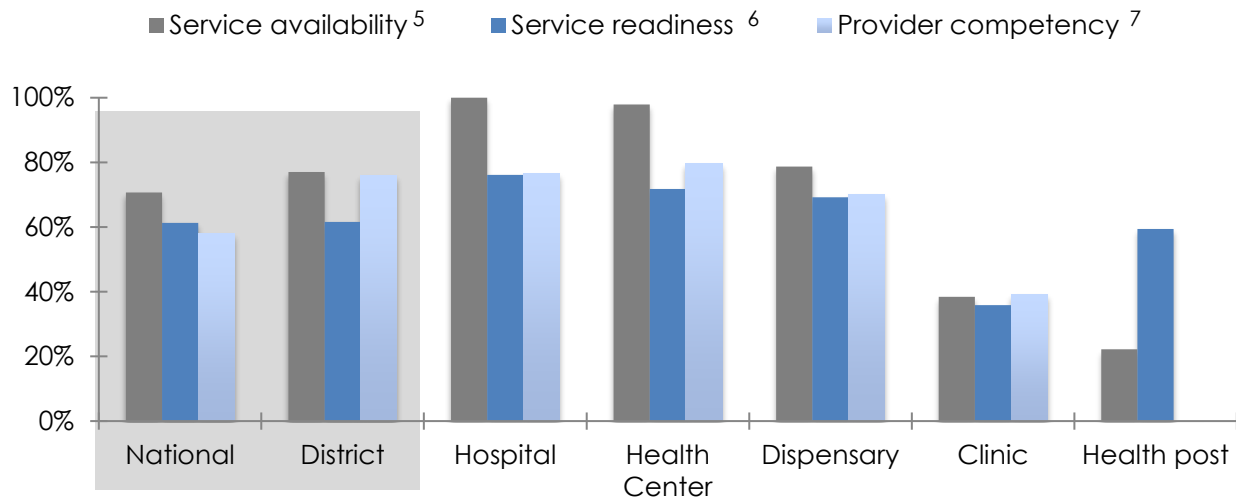
**Absenteeism<sup>4</sup>**

**N: 18%**

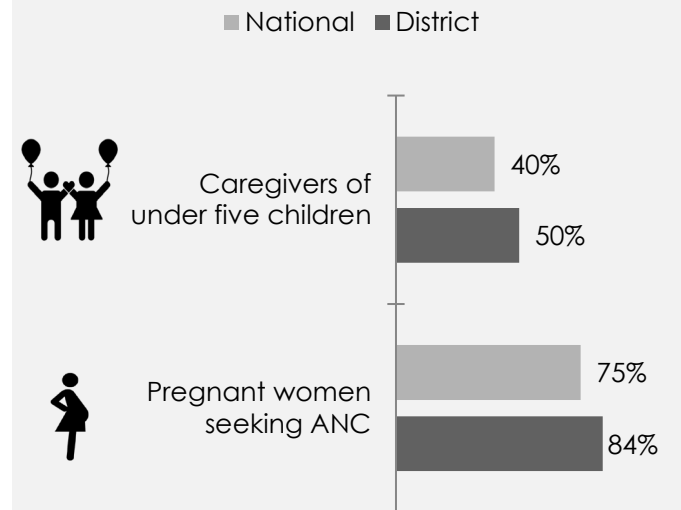
**D: 19%**



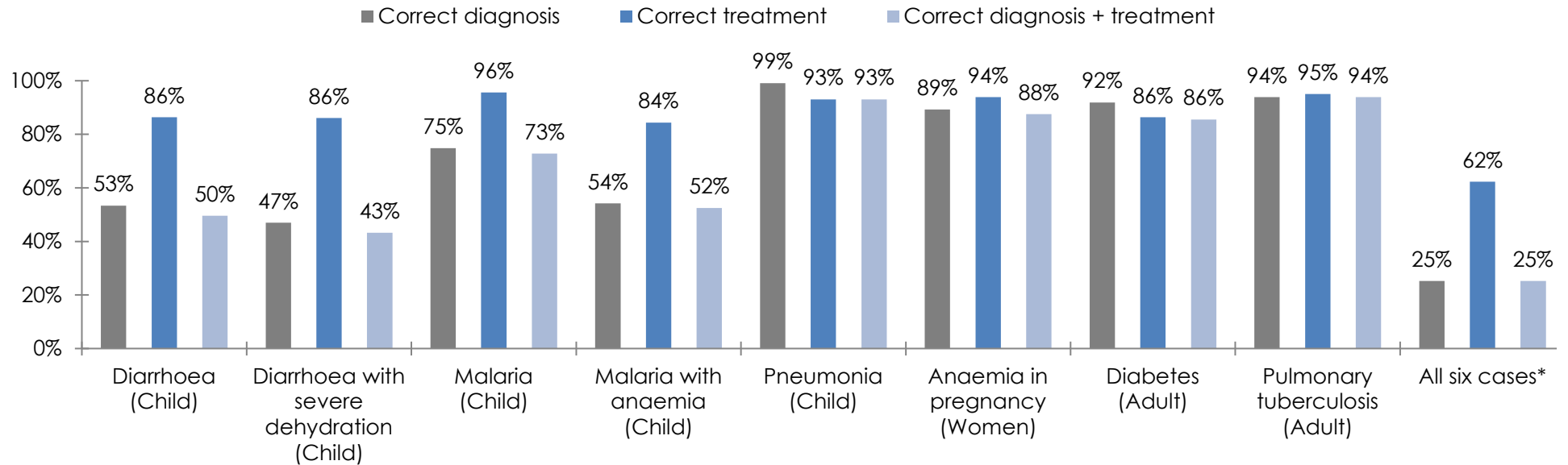
## Overall Performance for Delivering the Essential Health Package



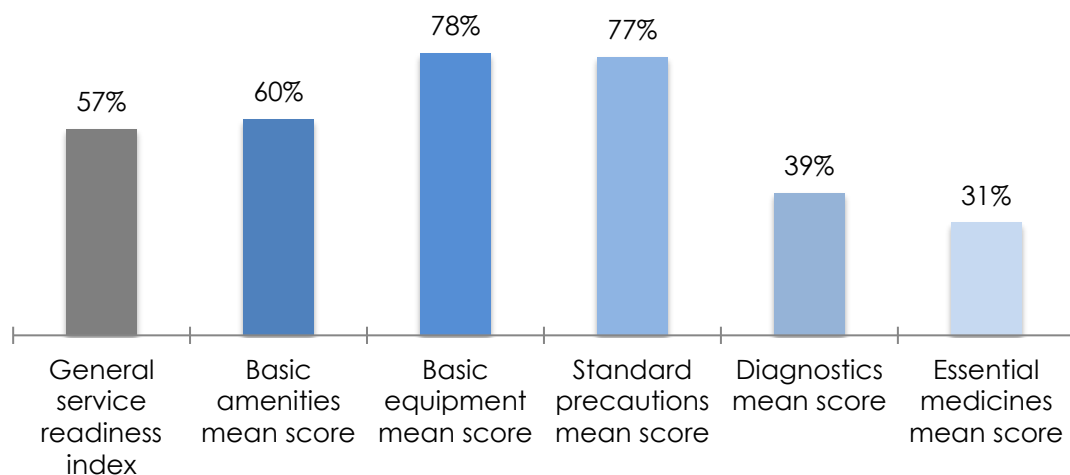
## Client Reported Quality of Visit<sup>8</sup>



## Provider Competency



## General Facility Infrastructure



## Least Available Infrastructure Items

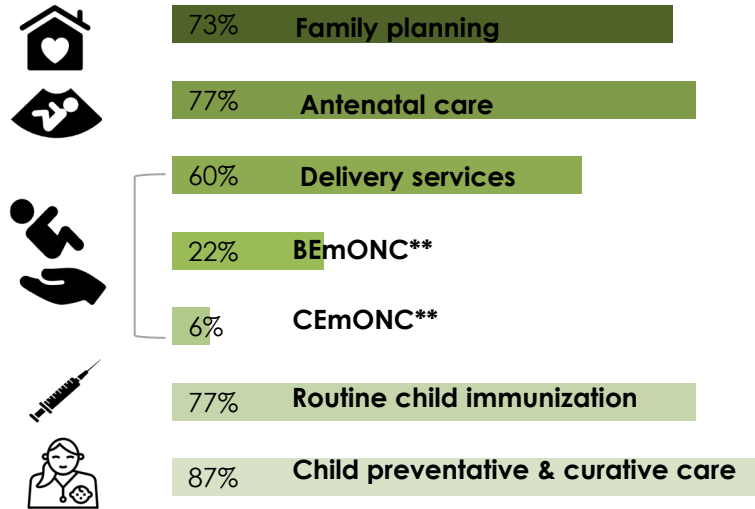
Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	0%
Fluoxetine tablet	2%	0%
Carbamazepine tablet	5%	0%
Diazepam injectable	6%	3%
Beclomethasone inhaler	13%	3%
Urine dipstick - protein	23%	3%
Urine dipstick - glucose	22%	3%
Insulin regular injection	11%	7%
Haemoglobin	14%	10%
Ampicillin powder for injection	15%	10%

\*All six cases excludes simple diarrhoea and simple malaria.



### Percentage Availability of MNCH Services

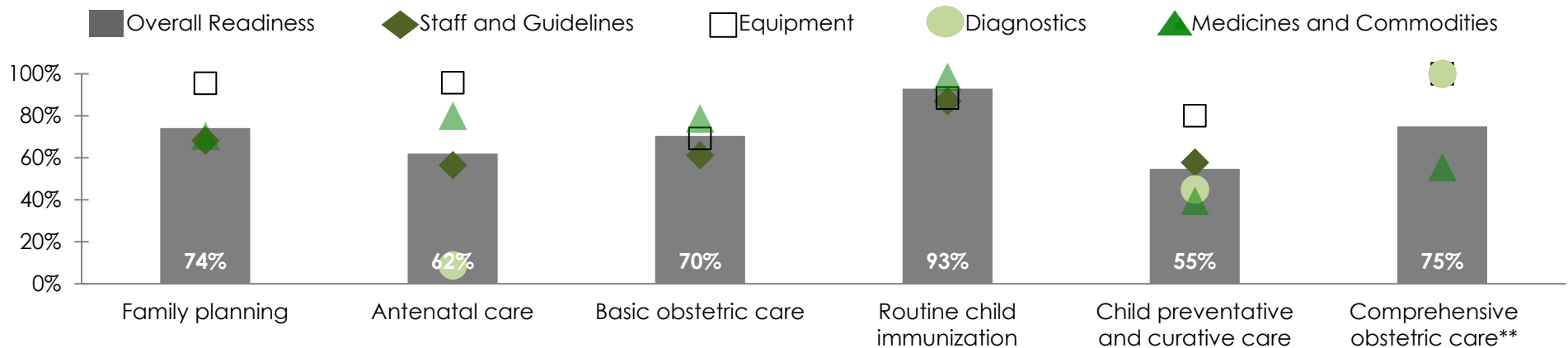


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Thiopental powder	47%	0%
Suxamethonium bromide powder	39%	0%
Blood supply sufficiency	47%	0%
Atropine injectable	71%	0%
Urine dipstick - protein	26%	4%
Haemoglobin - child health	14%	12%
Co-trimoxazole suspension	30%	12%
Haemoglobin - ANC	18%	13%
Vacuum aspirator or D&C kit	37%	22%
General microscopy/wet mounts	22%	23%

### Readiness\* to Provide MNCH Services



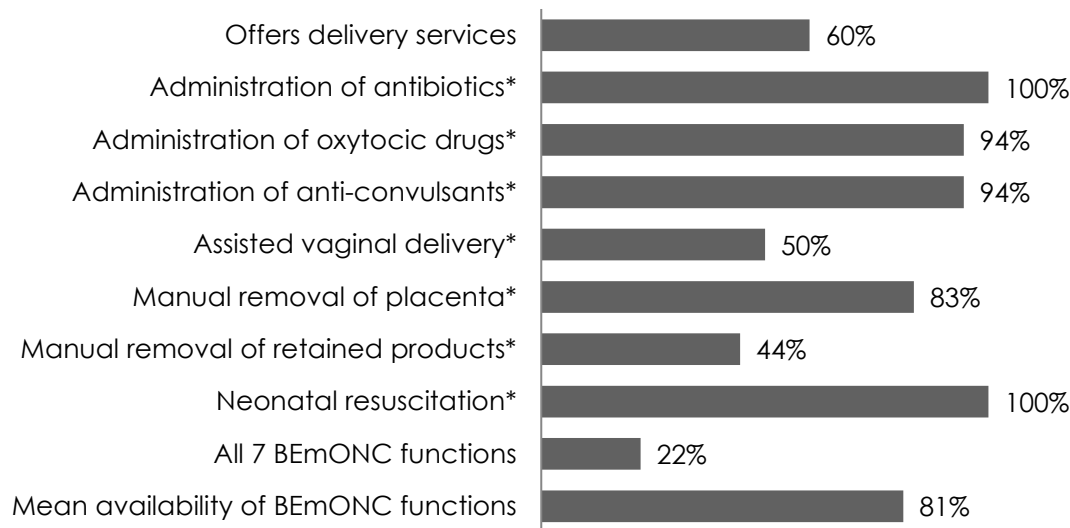
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

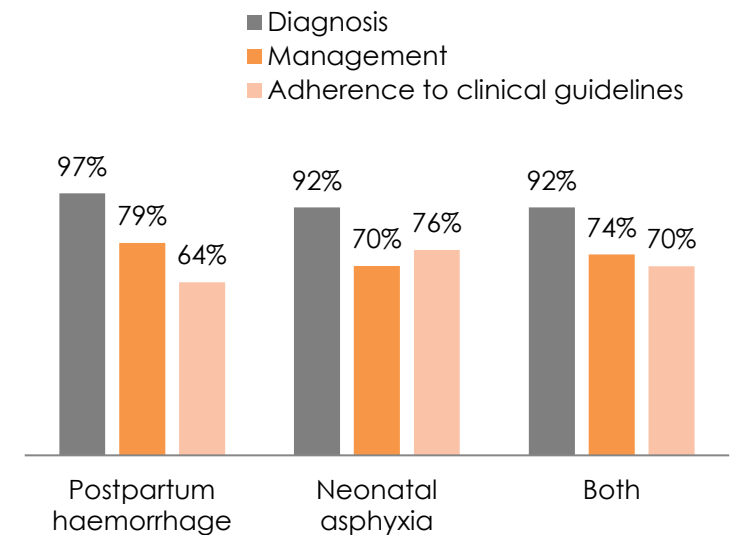
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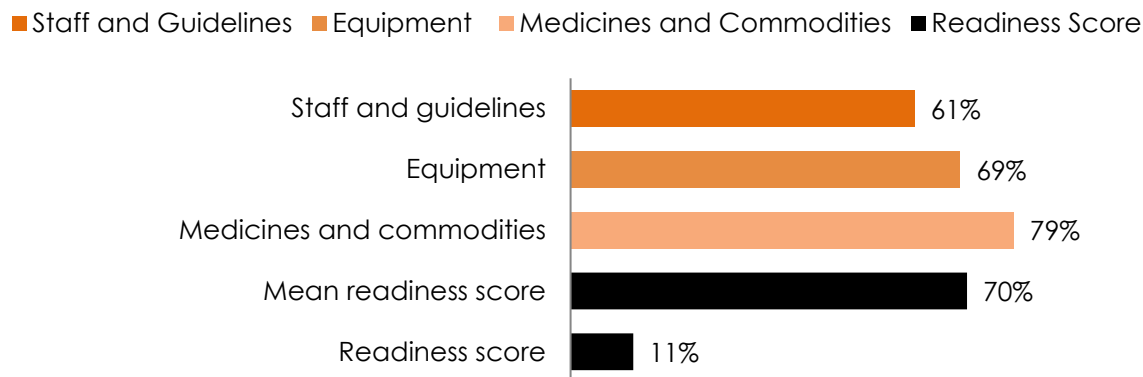
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

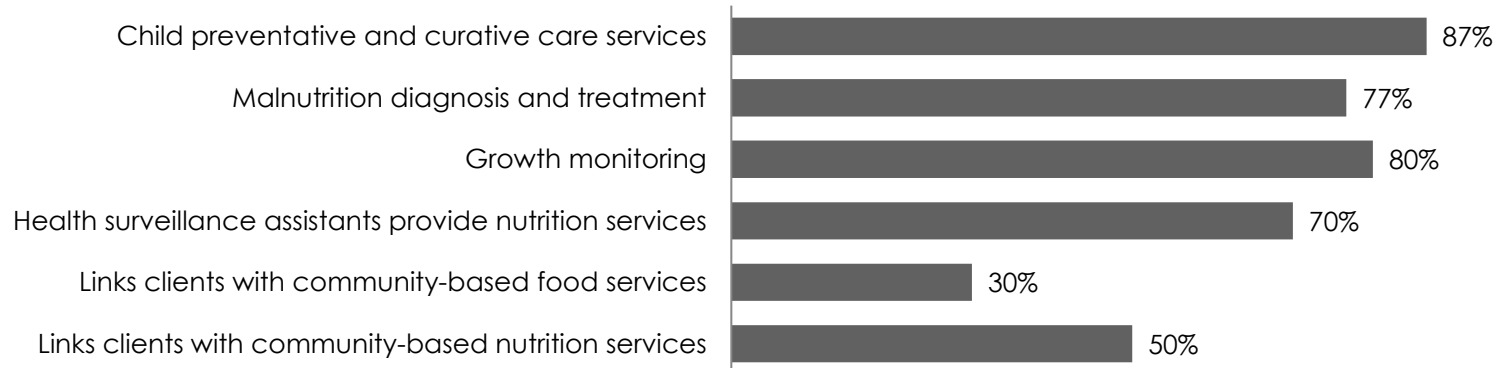
Percent of facilities with:

Item	N	D
Vacuum aspirator or D&C kit	37%	22%
Staff trained essential childbirth care	40%	39%
Sterilization equipment	47%	39%
Manual vacuum extractor	47%	44%
Intravenous solution with infusion set	62%	44%
Examination light	58%	61%
Staff trained newborn resuscitation	63%	61%
Suction apparatus	80%	67%

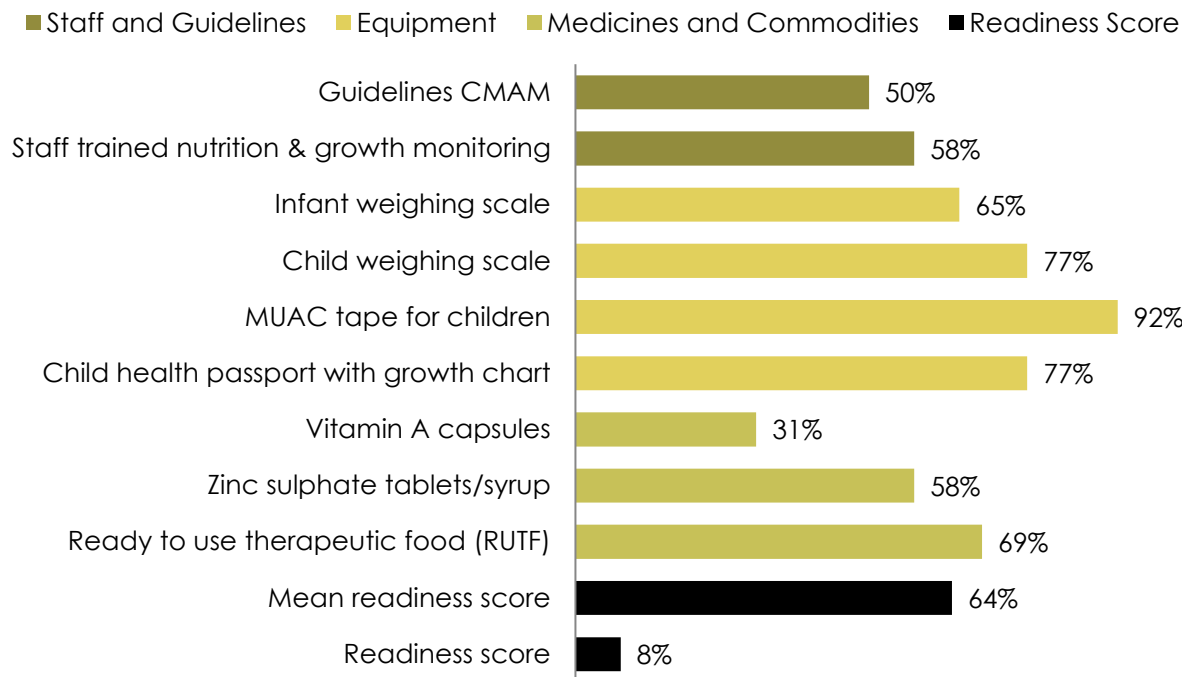
\* BEmONC signal function  
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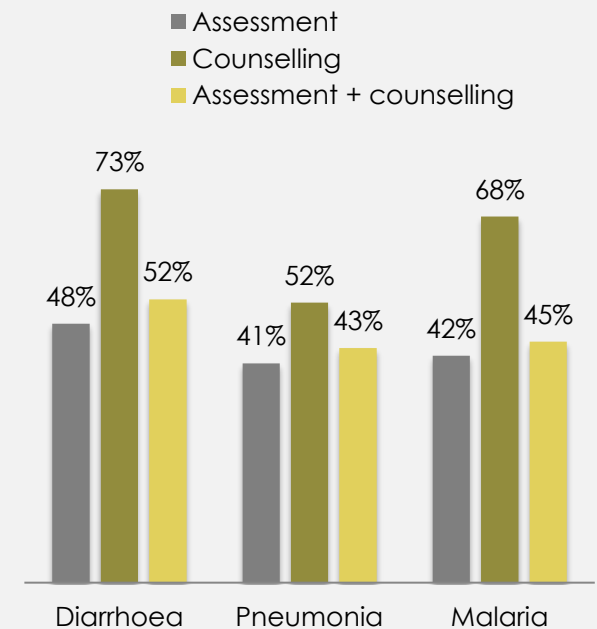
### Percentage of facilities that offer child nutrition services



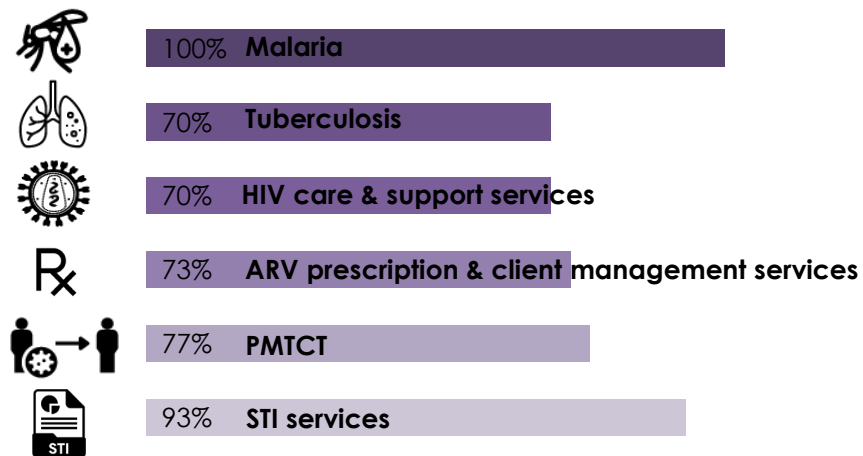
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

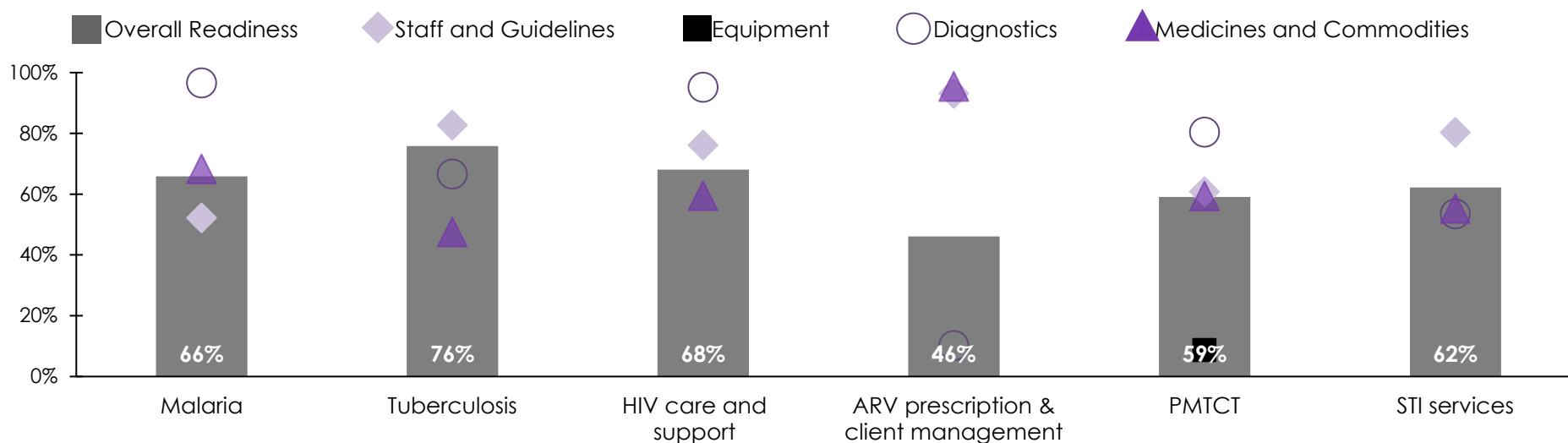


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Renal function test	8%	0%
Liver function test	8%	5%
Visual and auditory privacy PMTCT area	3%	9%
IV treatment fungal infections	12%	10%
Full blood count	16%	14%
TB microscopy	32%	14%
Zidovudine syrup	17%	17%
Ceftriaxone injection	57%	21%
CD4 count or viral load test	8%	23%
Staff trained IPT	25%	23%

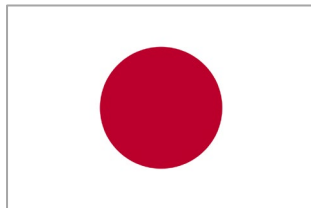
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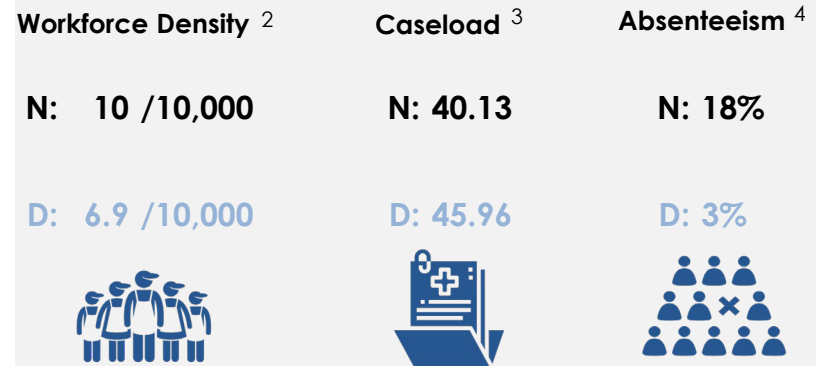
<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

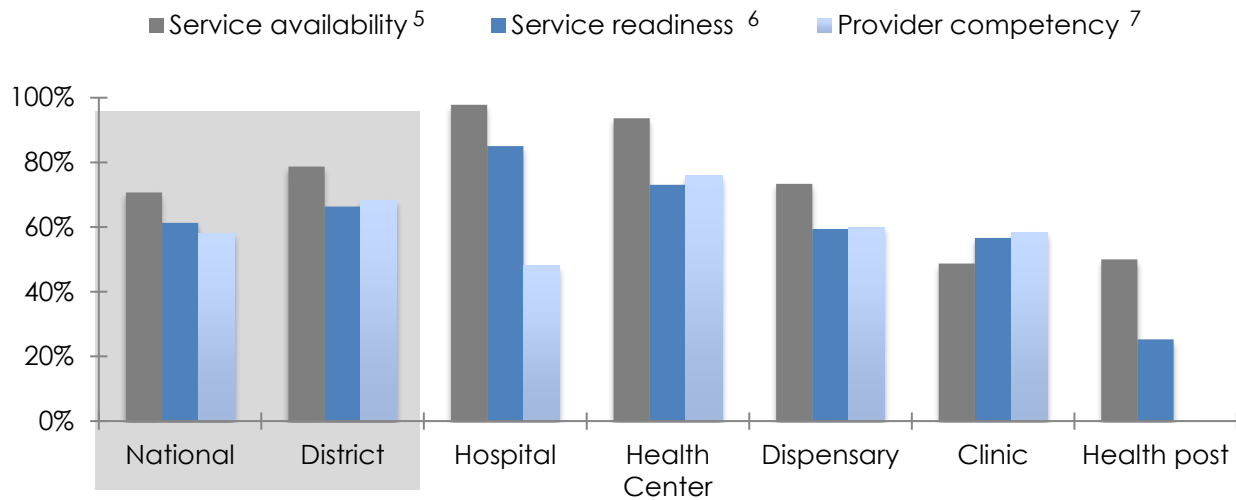
## District Overview



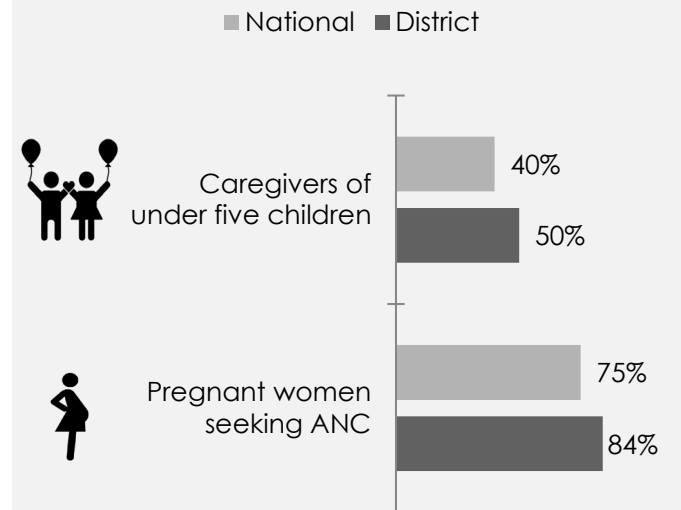
## Health Workforce



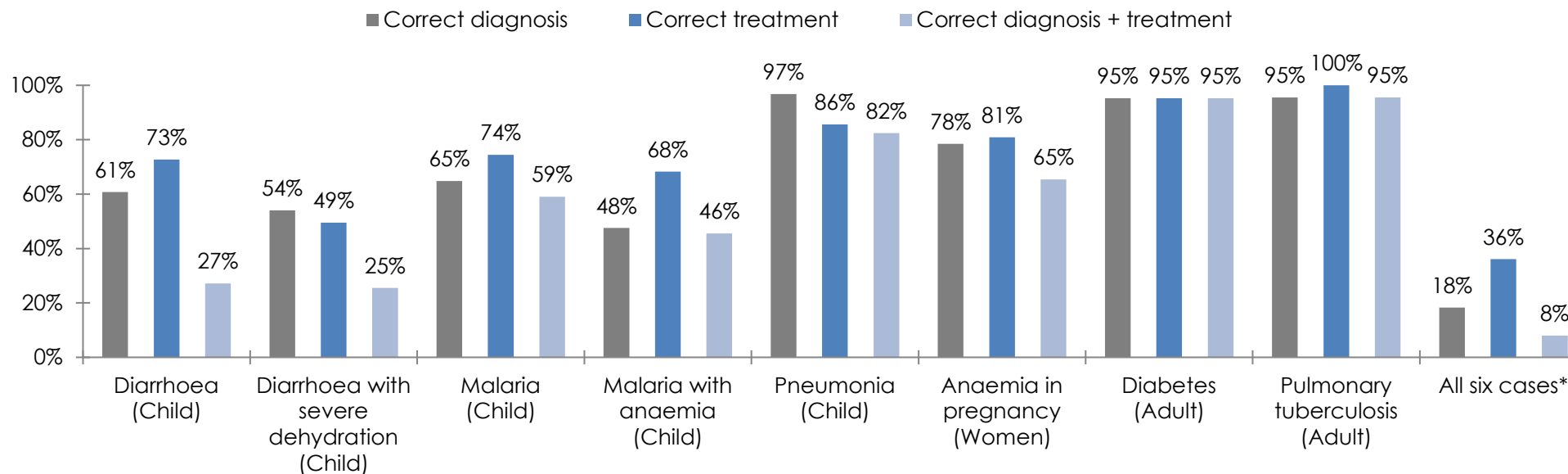
## Overall Performance for Delivering the Essential Health Package



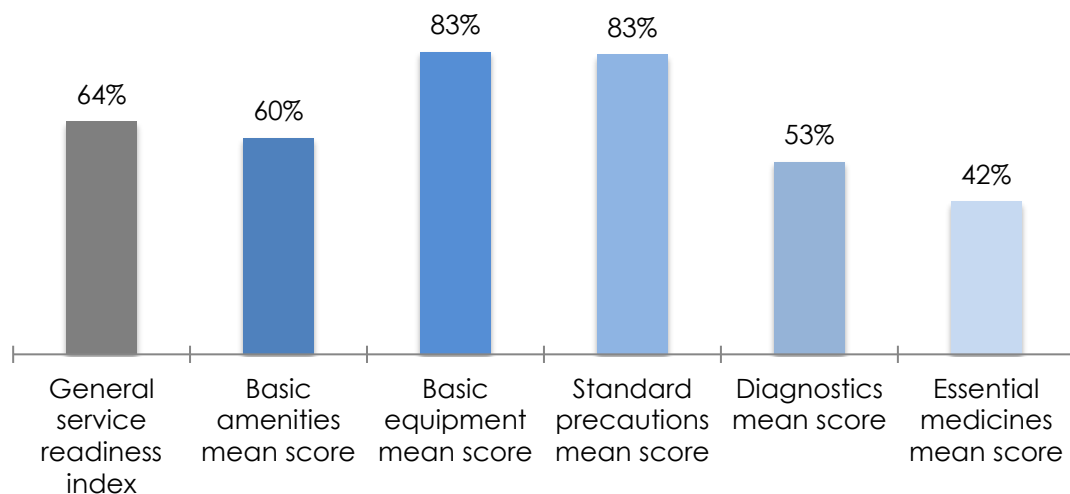
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



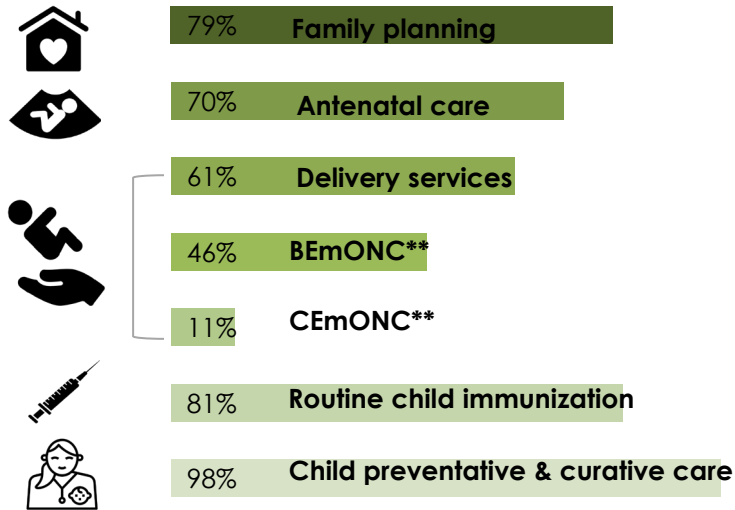
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	4%
Fluoxetine tablet	2%	5%
Carbamazepine tablet	5%	7%
Diazepam injectable	6%	7%
Haemoglobin	14%	9%
Beclomethasone inhaler	13%	9%
Insulin regular injection	11%	12%
Computer with internet	21%	12%
Enalapril tablet / ACE inhibitor	25%	19%
Simvastatin tablet / other statin	10%	21%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

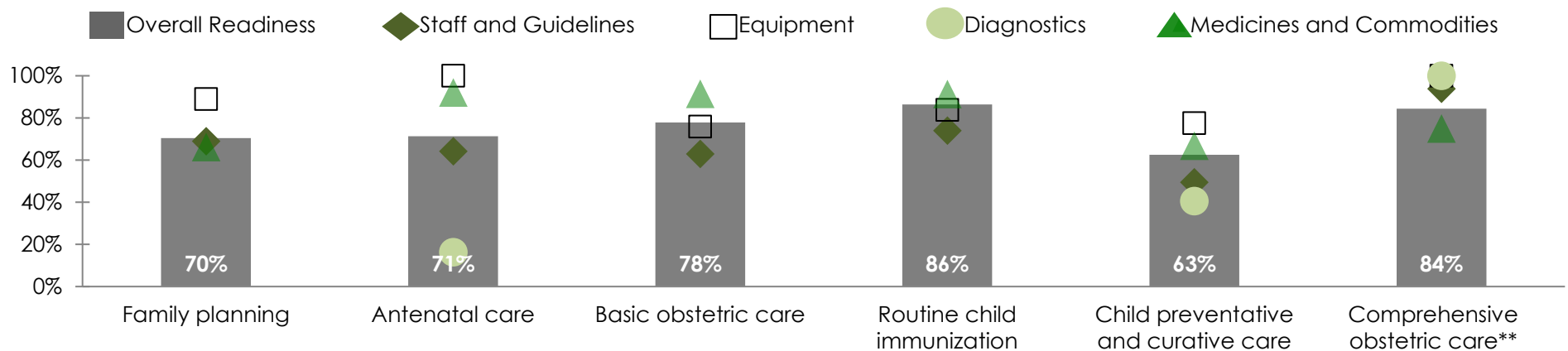


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Haemoglobin - ANC	18%	5%
Haemoglobin - child health	14%	9%
General microscopy/wet mounts	22%	16%
Urine dipstick - protein	26%	28%
Vacuum aspirator or D&C kit	37%	37%
Staff trained essential childbirth care	40%	46%
Progestin-only contraceptive pills	55%	47%
Staff trained ANC	42%	47%
Guidelines IMCI	45%	48%
Vitamin A capsules	47%	48%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

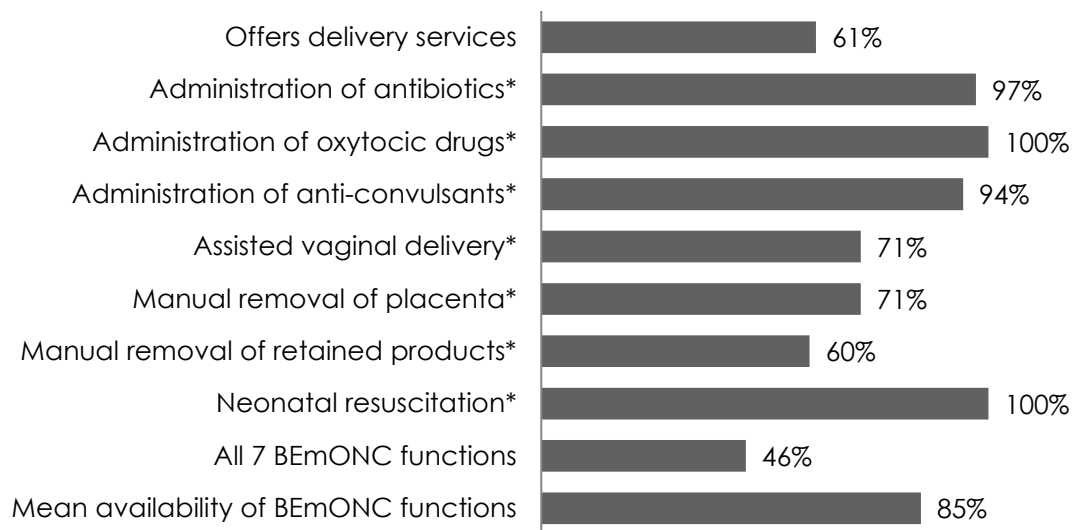
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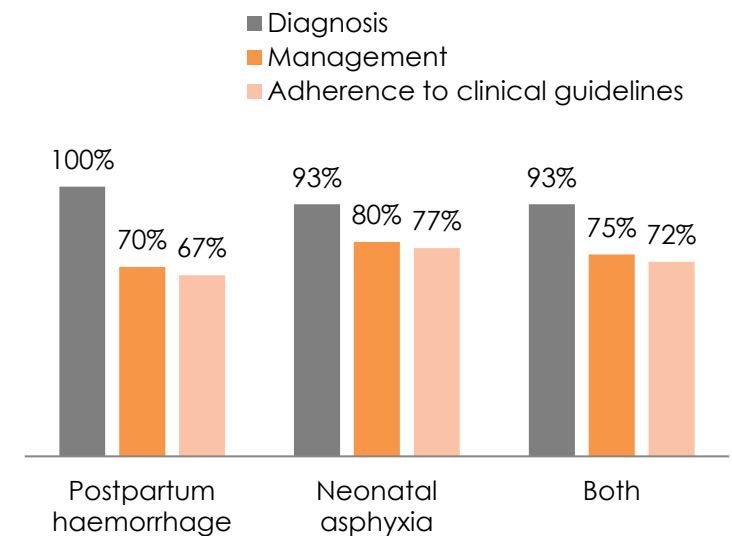
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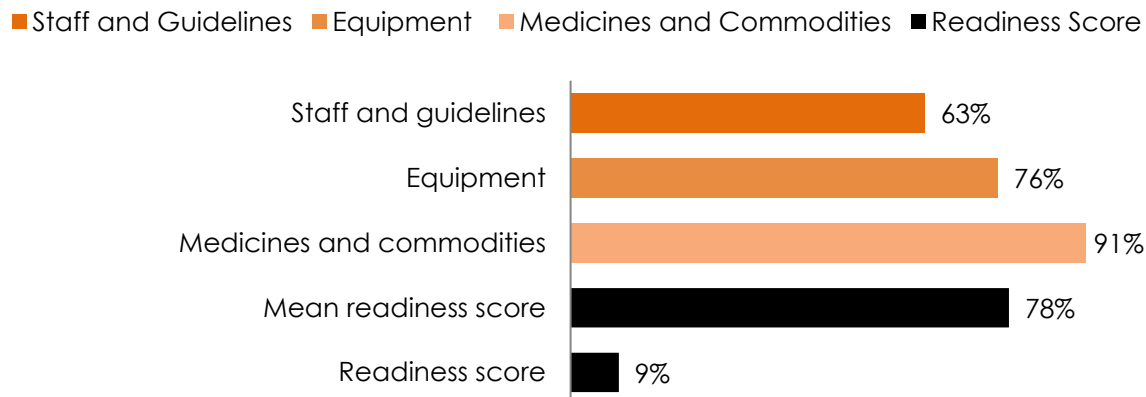
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

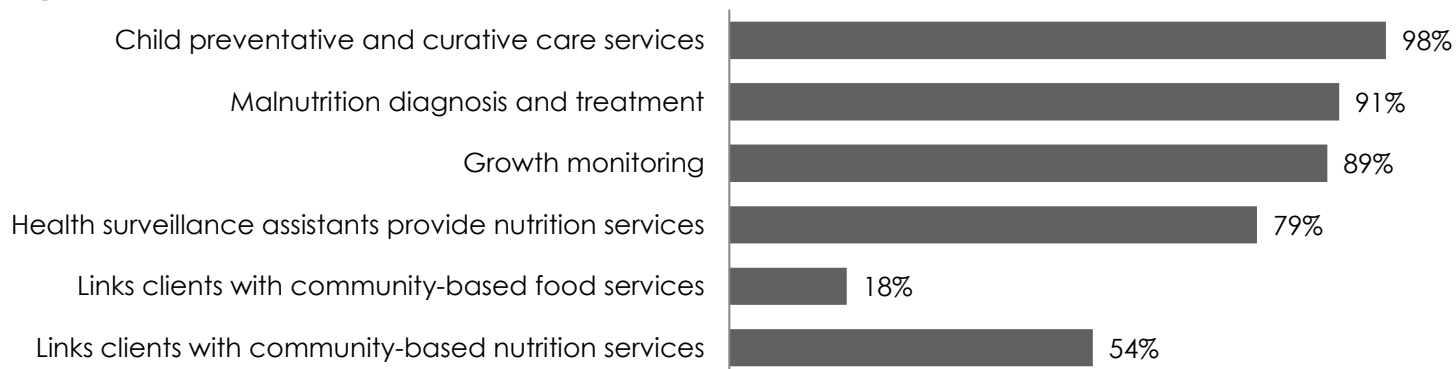
Percent of facilities with:

Item	N	D
Vacuum aspirator or D&C kit	37%	37%
Staff trained essential childbirth care	40%	46%
Manual vacuum extractor	47%	51%
Intravenous solution with infusion set	62%	54%
Staff trained newborn resuscitation	63%	63%
Examination light	58%	69%
Check-lists / job-aids essential childbirth care	64%	69%
Sterilization equipment	47%	69%

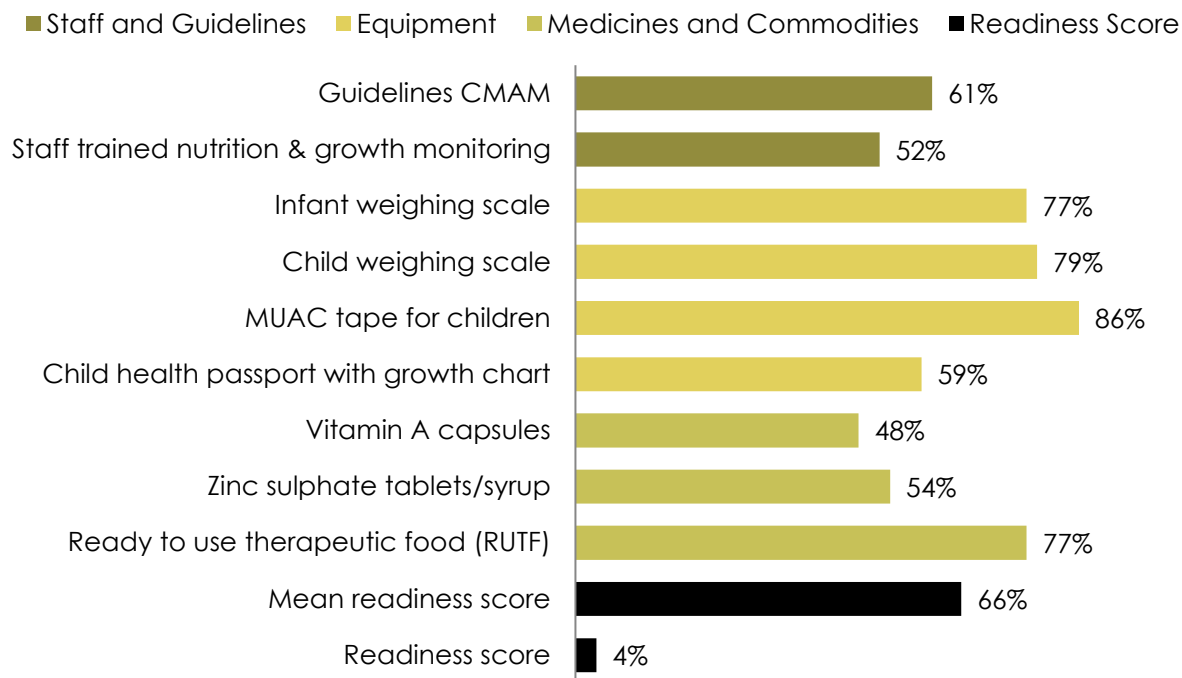
\* BEmONC signal function  
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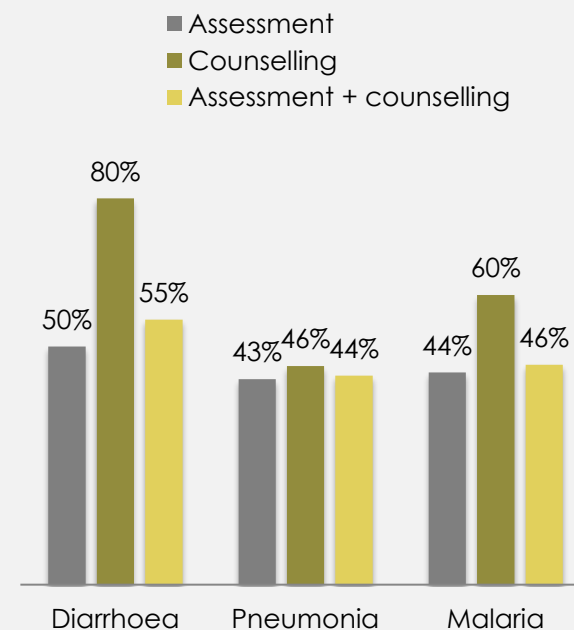
### Percentage of facilities that offer child nutrition services



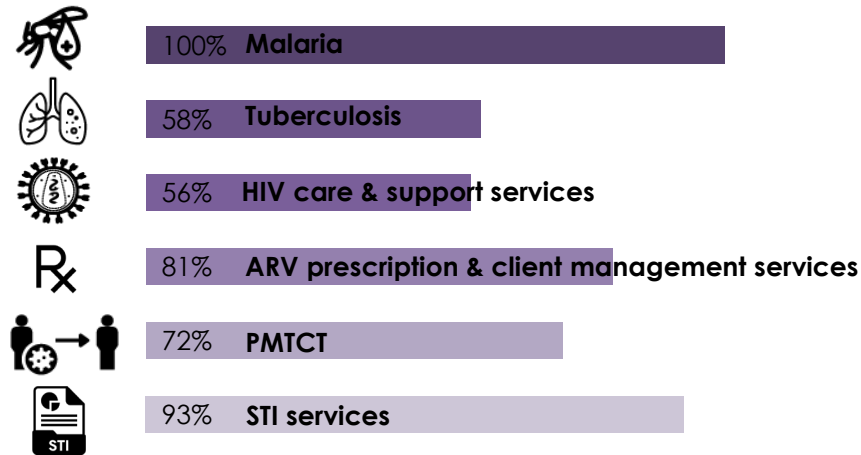
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

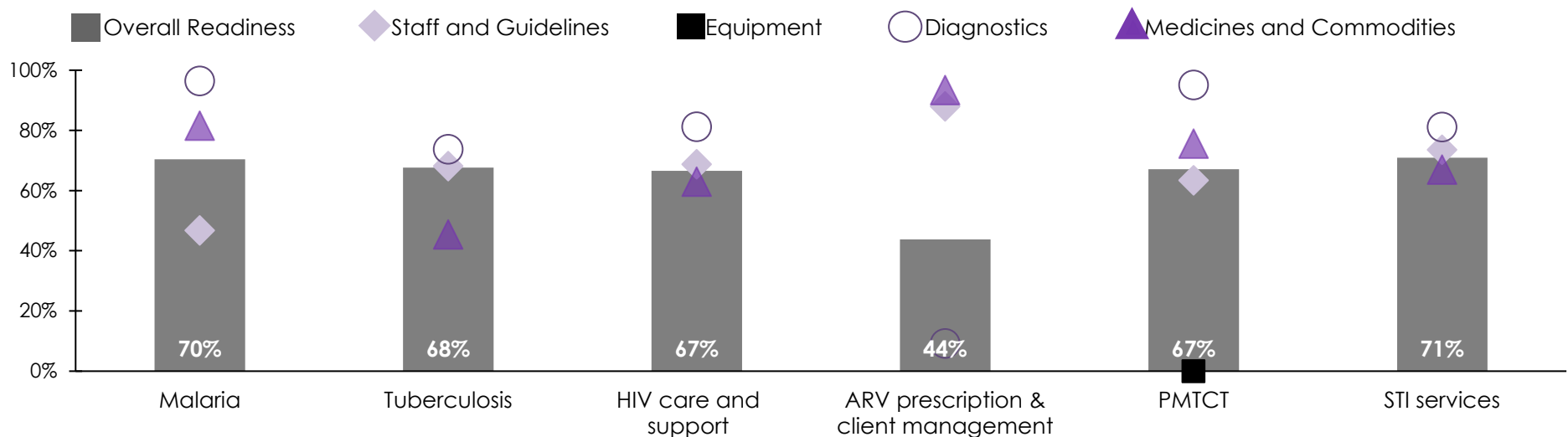


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
CD4 count or viral load test	8%	9%
Renal function test	8%	9%
Liver function test	8%	9%
Full blood count	16%	11%
IV treatment fungal infections	12%	22%
Staff trained IPT	25%	25%
TB microscopy	32%	30%
Guidelines for palliative care	39%	31%
Zidovudine syrup	17%	37%

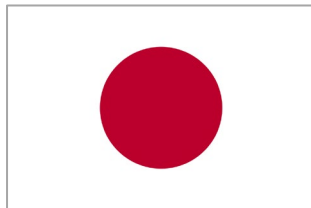
### Readiness\* to Provide Communicable Disease Services



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#### District Overview Data Sources

Population & Children below five: Malawi National Statistics Office Population and Housing Census 2018

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#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 4.9 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 74.84**



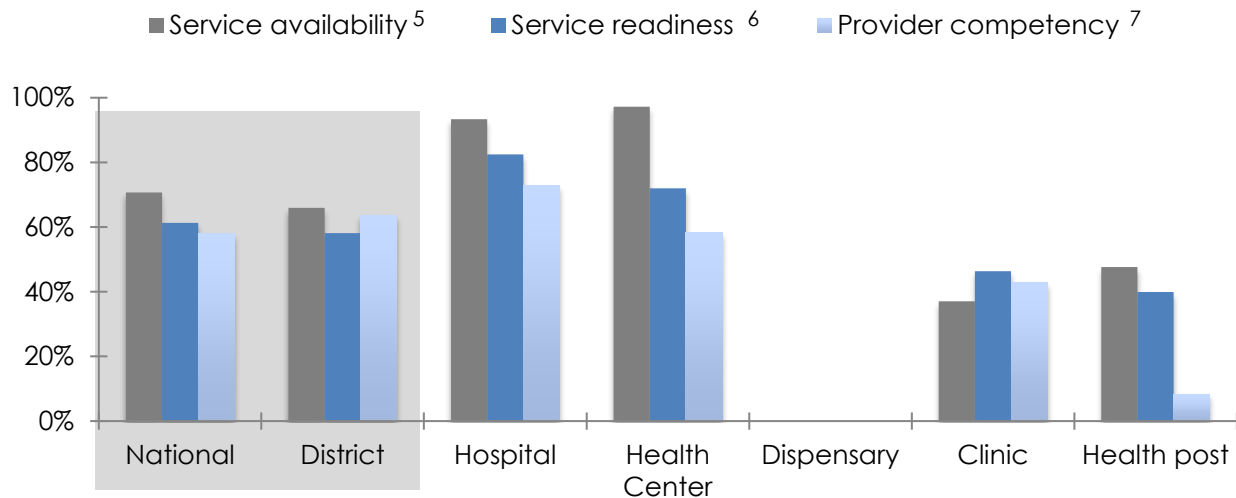
**Absenteeism** <sup>4</sup>

**N: 18%**

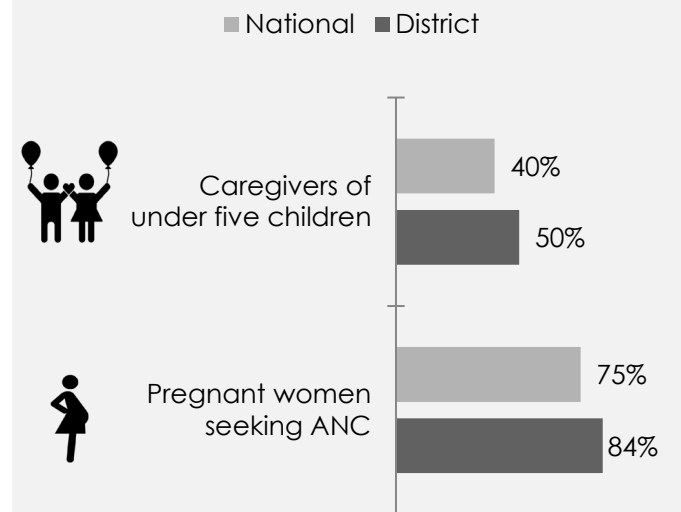
**D: 37%**



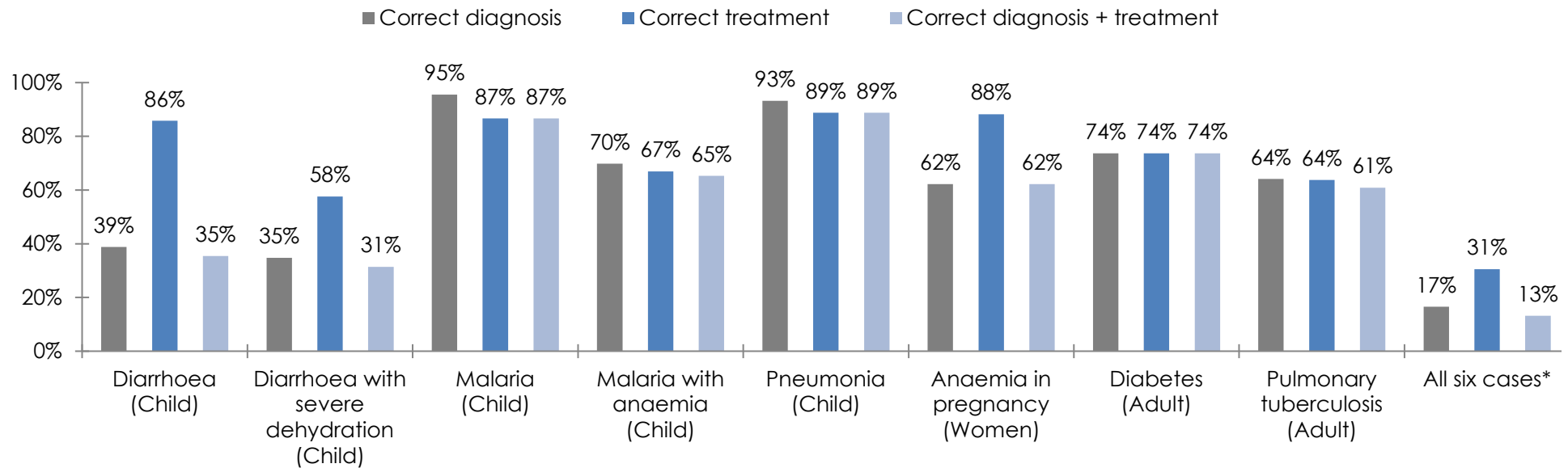
## Overall Performance for Delivering the Essential Health Package



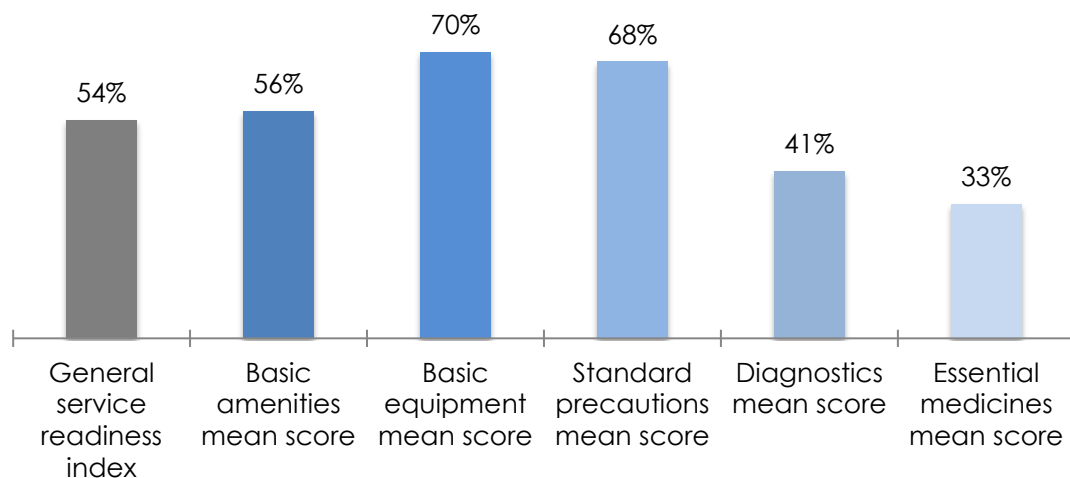
## Client Reported Quality of Visit <sup>8</sup>



### Provider Competency



### General Facility Infrastructure



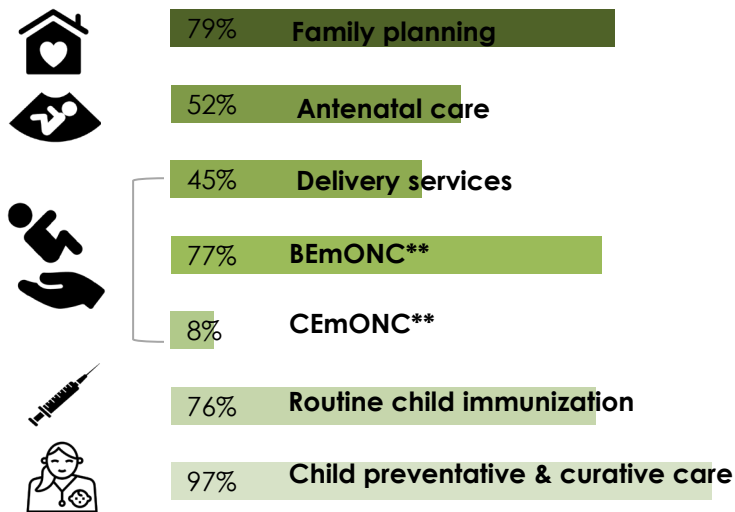
### Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Simvastatin tablet / other statin	10%	0%
Haloperidol tablet	3%	3%
Carbamazepine tablet	5%	3%
Diazepam injectable	6%	3%
Haemoglobin	14%	3%
Insulin regular injection	11%	7%
Beclomethasone inhaler	13%	7%
Ampicillin powder for injection	15%	14%
Urine dipstick - glucose	22%	17%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

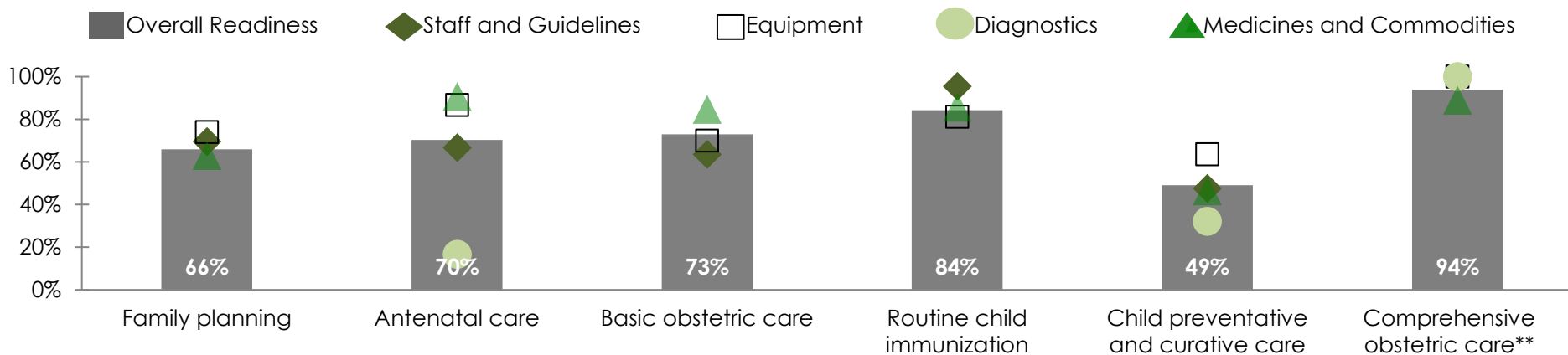


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Atropine injectable	71%	0%
Haemoglobin - child health	14%	4%
Haemoglobin - ANC	18%	7%
General microscopy/wet mounts	22%	11%
Co-trimoxazole suspension	30%	25%
Urine dipstick - protein	26%	27%
Guidelines IMCI	45%	32%
Vitamin A capsules	47%	36%
Zinc sulphate tablet or syrup	53%	36%
Delivery bed	55%	38%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

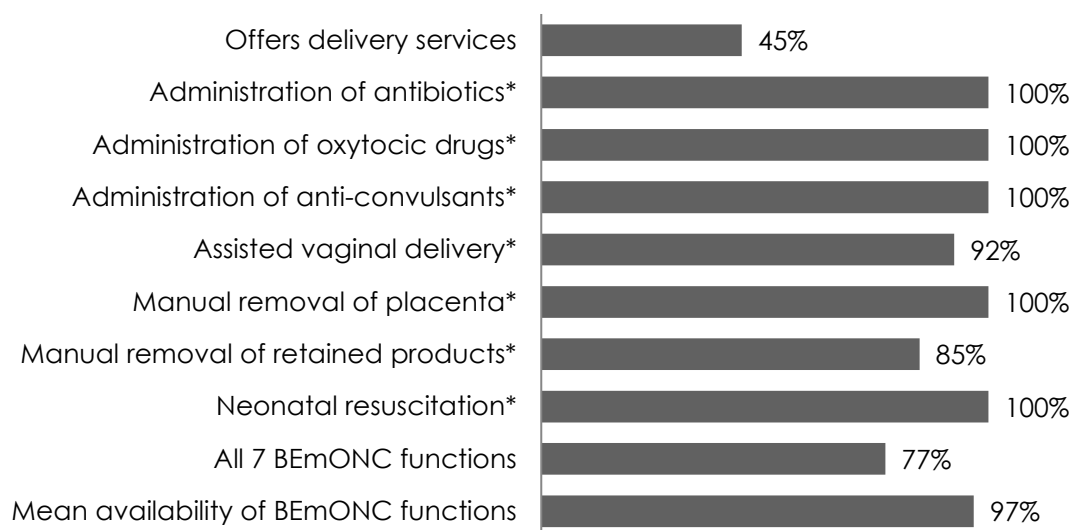
Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

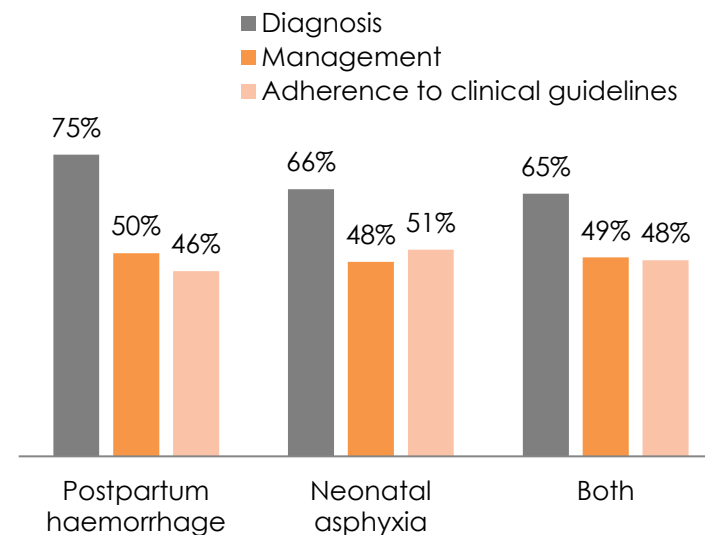
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

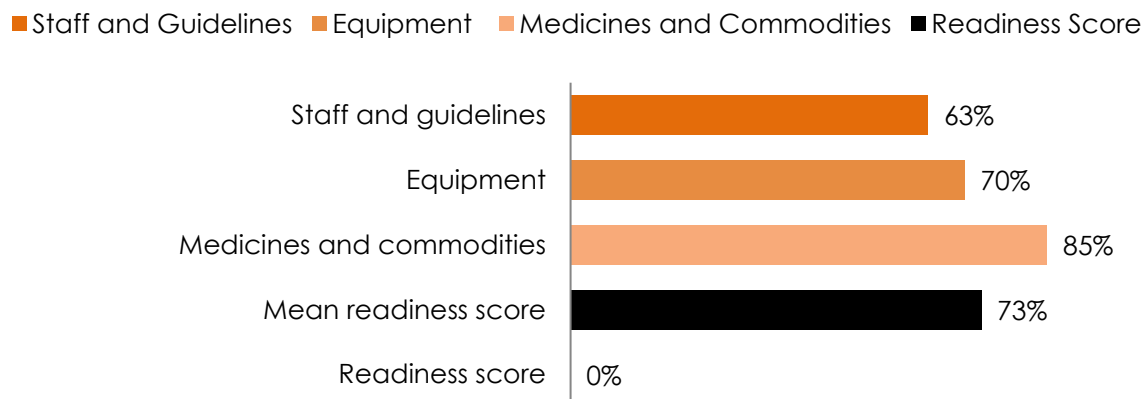
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Delivery bed	55%	38%
Vacuum aspirator or D&C kit	37%	46%
Sterilization equipment	47%	46%
Guidelines essential childbirth care	61%	54%
Staff trained essential childbirth care	40%	62%
Check-lists / job-aids essential childbirth care	64%	62%
Suction apparatus	80%	62%
Examination light	58%	69%

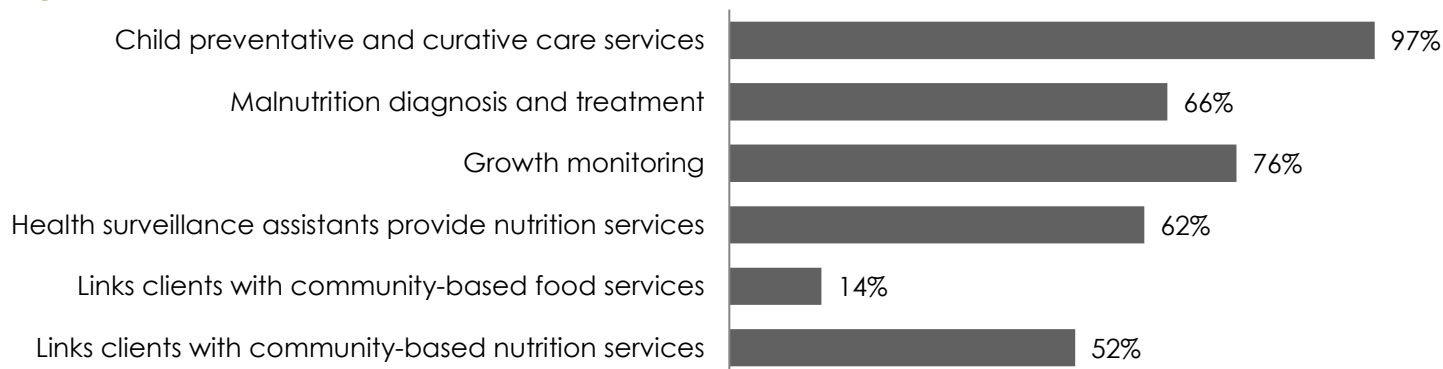
\* BEmONC signal function

Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

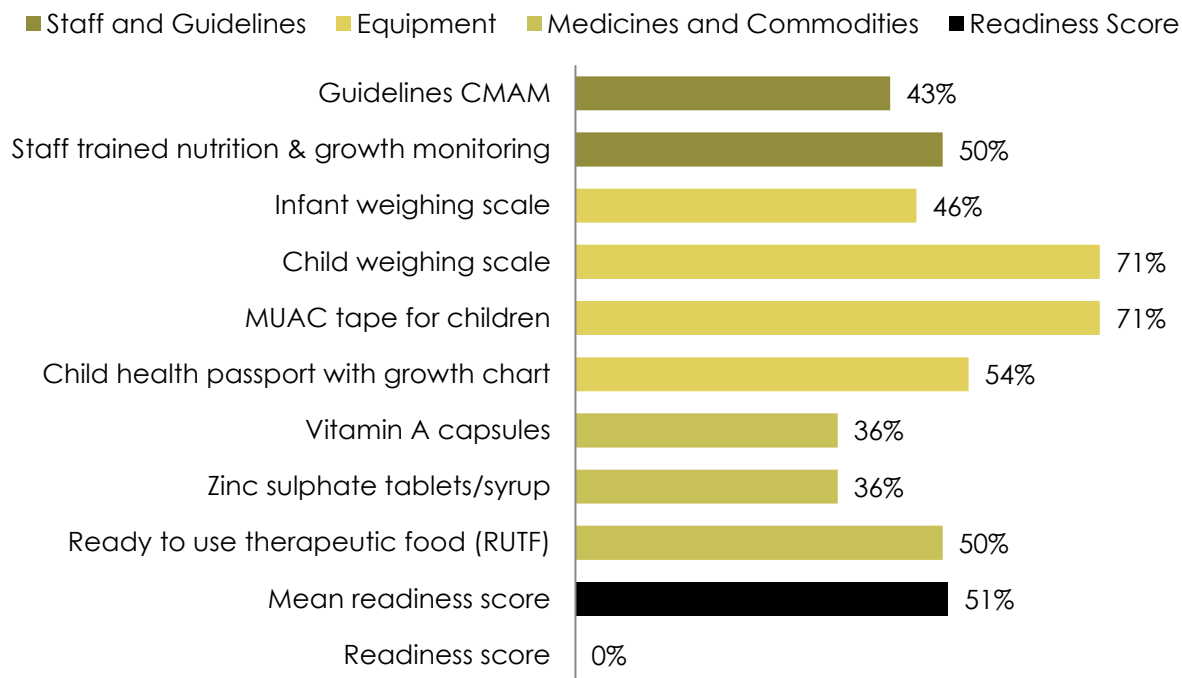
**N** = National Average, **D** = District Average



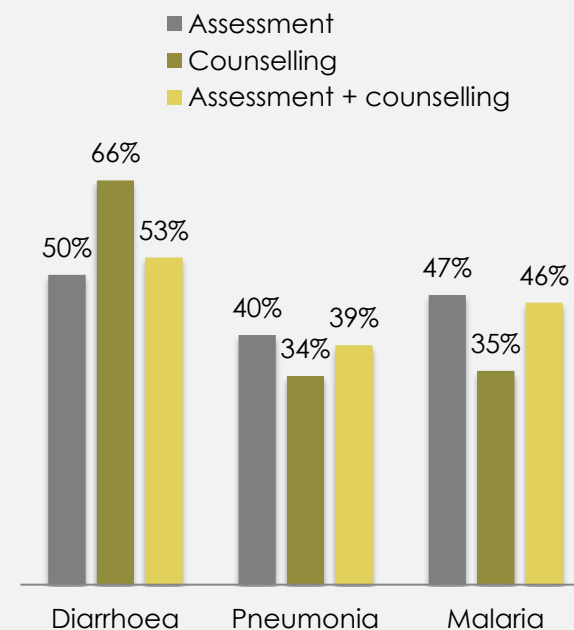
### Percentage of facilities that offer child nutrition services



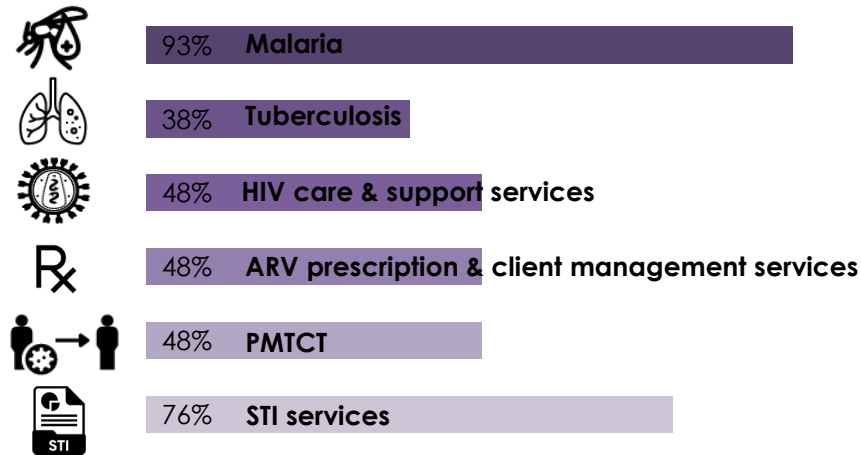
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

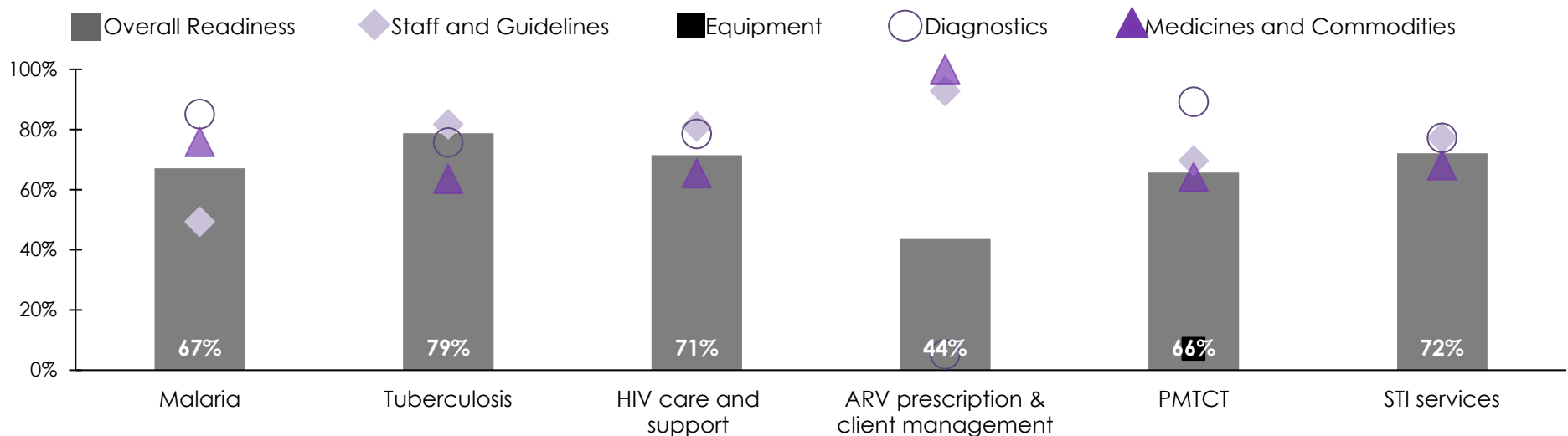


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
CD4 count or viral load test	8%	0%
Renal function test	8%	0%
Liver function test	8%	0%
IV treatment fungal infections	12%	0%
Visual and auditory privacy PMTCT area	3%	7%
Zidovudine syrup	17%	7%
Full blood count	16%	21%
Staff trained IPT	25%	26%
TB microscopy	32%	27%
Ceftriaxone injection	57%	41%

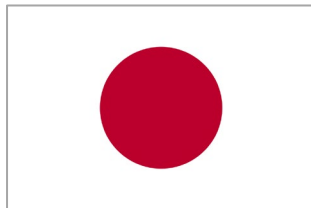
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N = National Average, D = District Average

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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

Workforce Density <sup>2</sup>

**N: 10 /10,000**

**D: 11 /10,000**



Caseload <sup>3</sup>

**N: 40.13**

**D: 61.23**



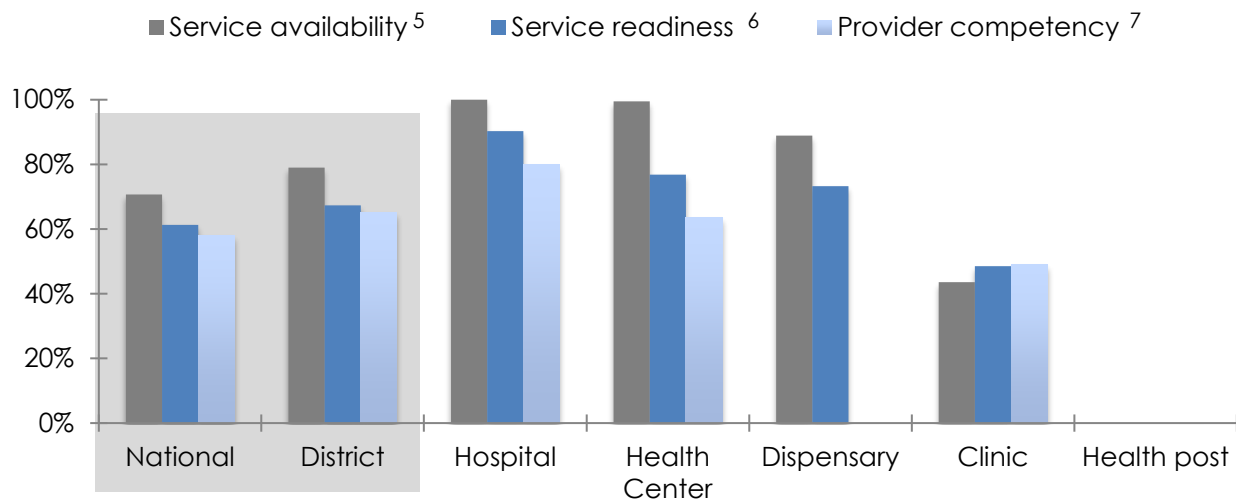
Absenteeism <sup>4</sup>

**N: 18%**

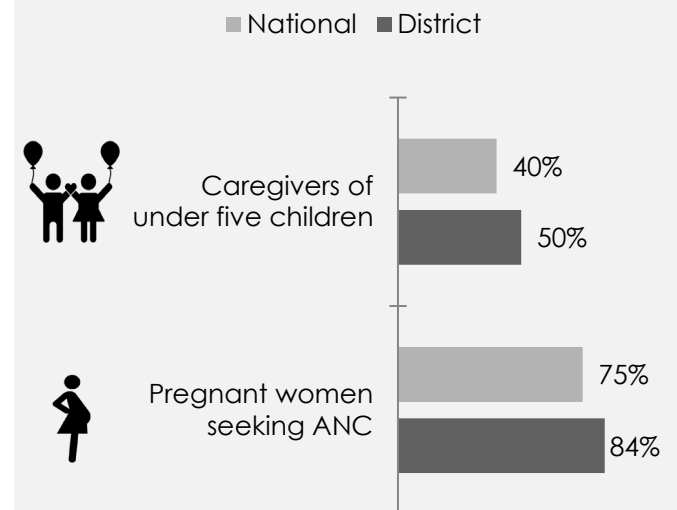
**D: 11%**



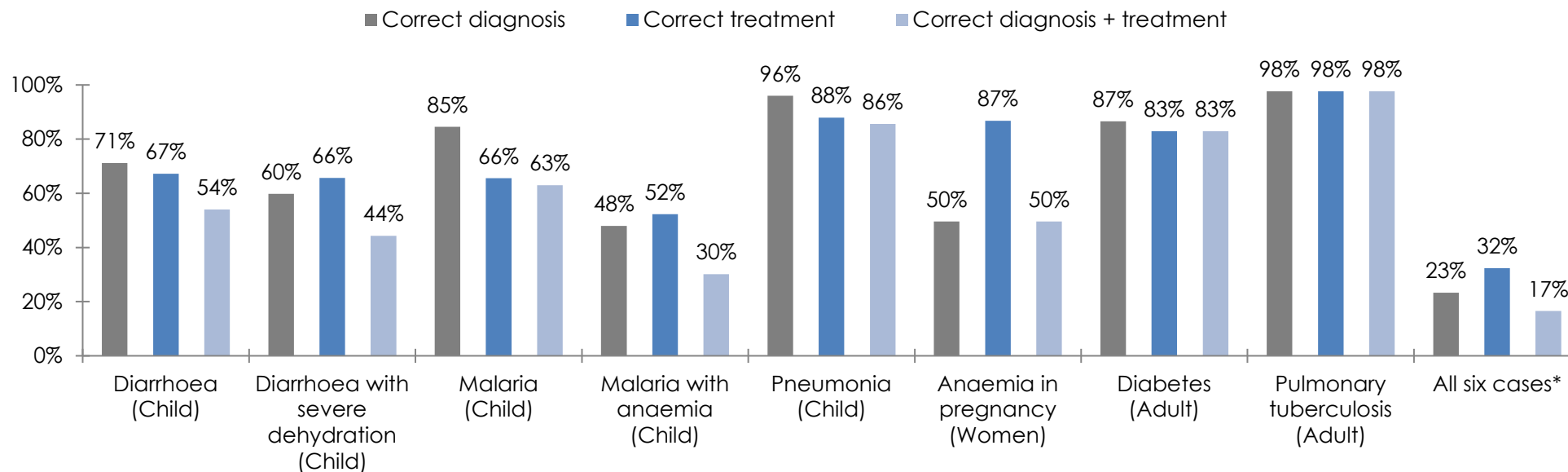
## Overall Performance for Delivering the Essential Health Package



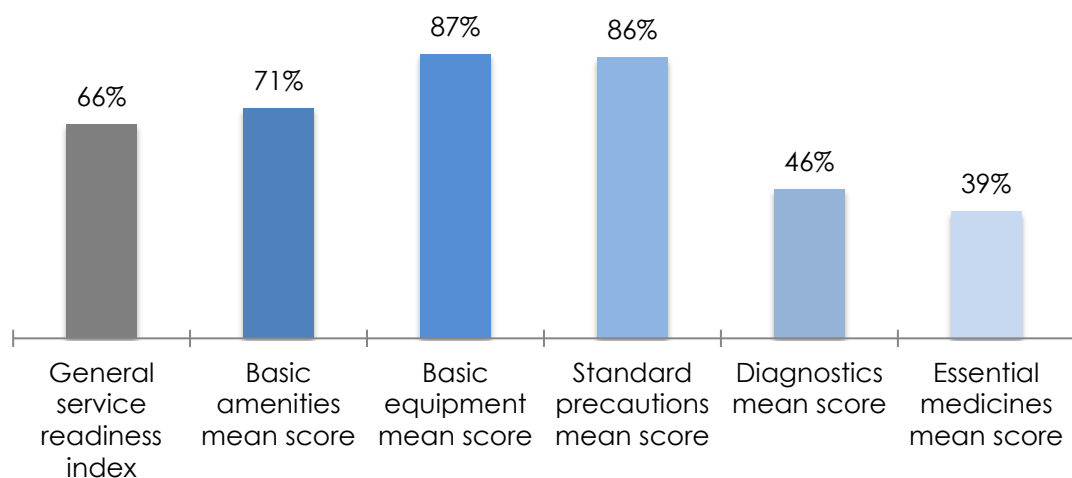
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



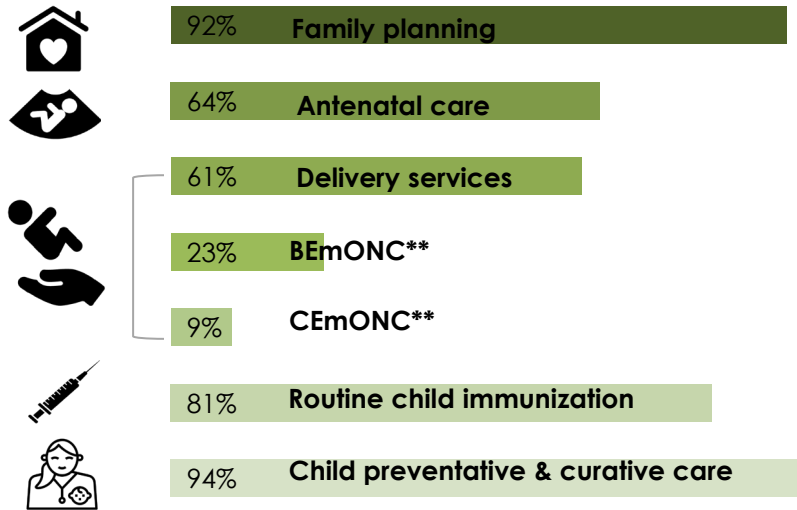
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	3%
Fluoxetine tablet	2%	3%
Carbamazepine tablet	5%	3%
Diazepam injectable	6%	3%
Insulin regular injection	11%	8%
Haemoglobin	14%	14%
Beclomethasone inhaler	13%	14%
Ampicillin powder for injection	15%	17%
Computer with internet	21%	17%
Glibenclamide tablet	33%	17%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

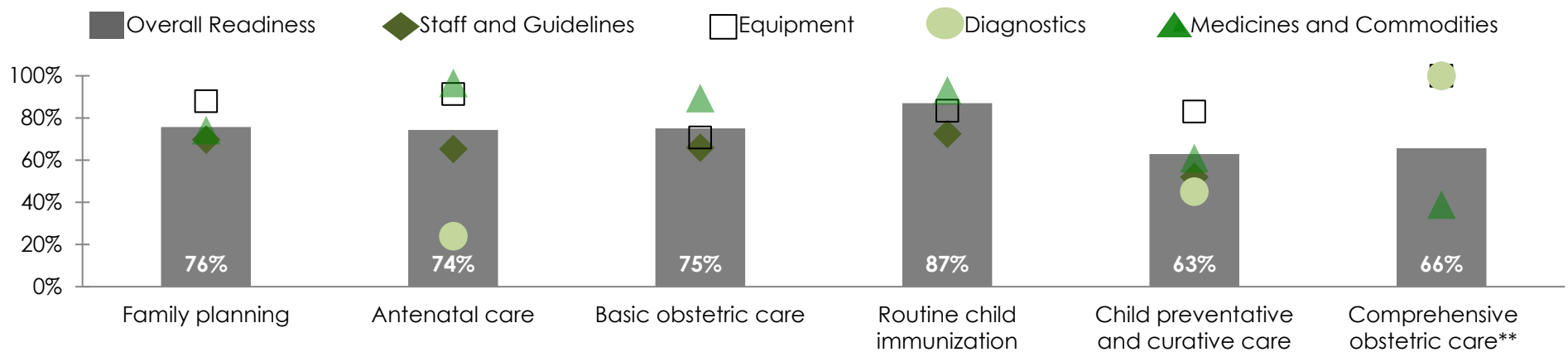


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Thiopental powder	47%	0%
Suxamethonium bromide powder	39%	0%
Blood supply sufficiency	47%	0%
Atropine injectable	71%	0%
Vitamin A capsules	47%	12%
Haemoglobin - child health	14%	15%
Haemoglobin - ANC	18%	17%
Vacuum aspirator or D&C kit	37%	23%
General microscopy/wet mounts	22%	26%
Urine dipstick - protein	26%	30%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains

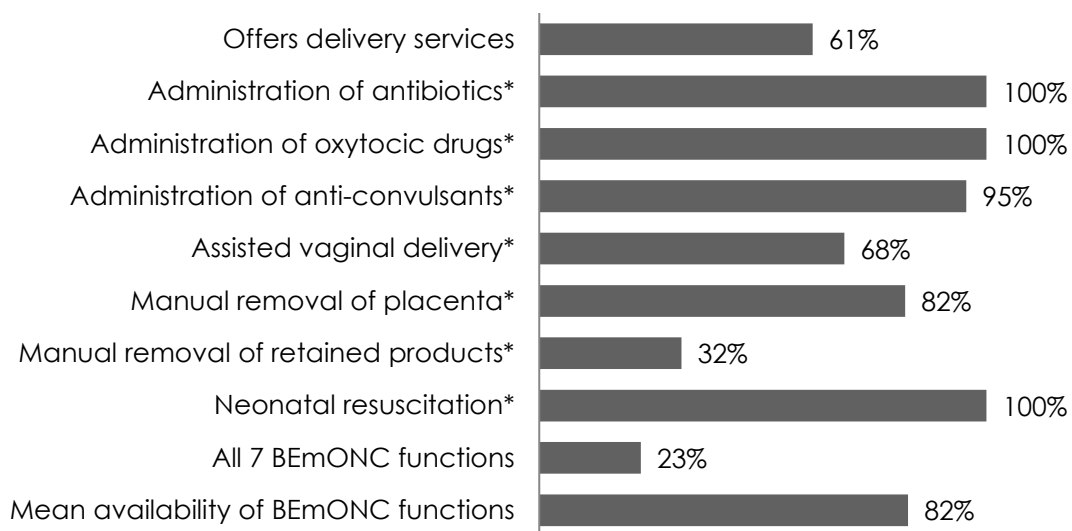
Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

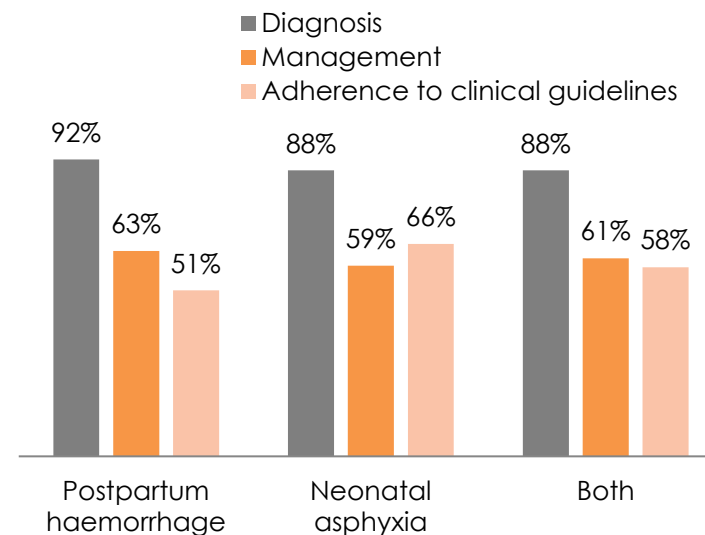
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

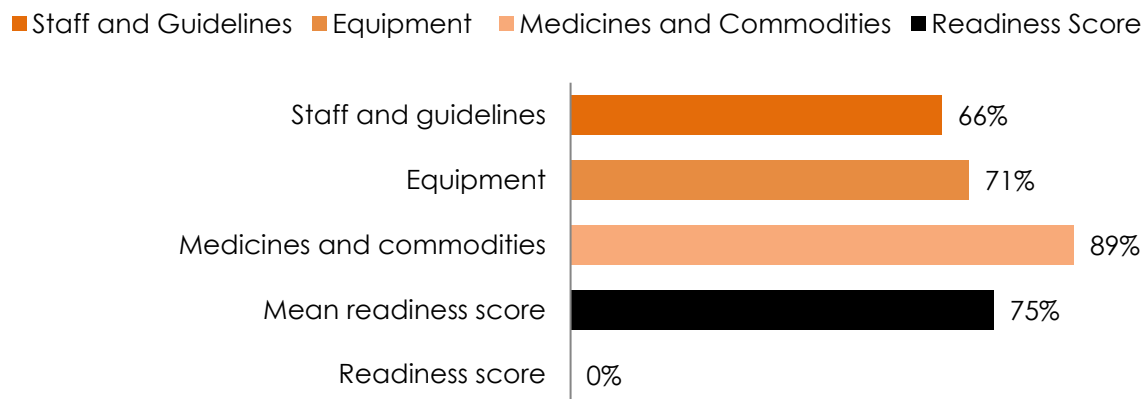
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

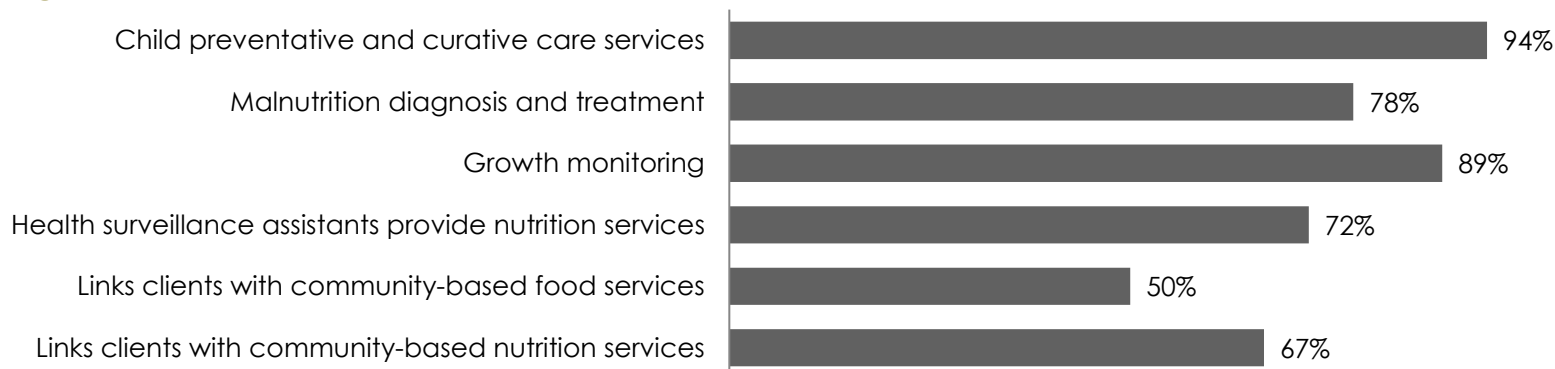
Item	N	D
Vacuum aspirator or D&C kit	37%	23%
Manual vacuum extractor	47%	36%
Delivery bed	55%	41%
Staff trained essential childbirth care	40%	50%
Examination light	58%	55%
Intravenous solution with infusion set	62%	64%
Staff trained newborn resuscitation	63%	68%
Guidelines essential childbirth care	61%	73%

\* BEmONC signal function

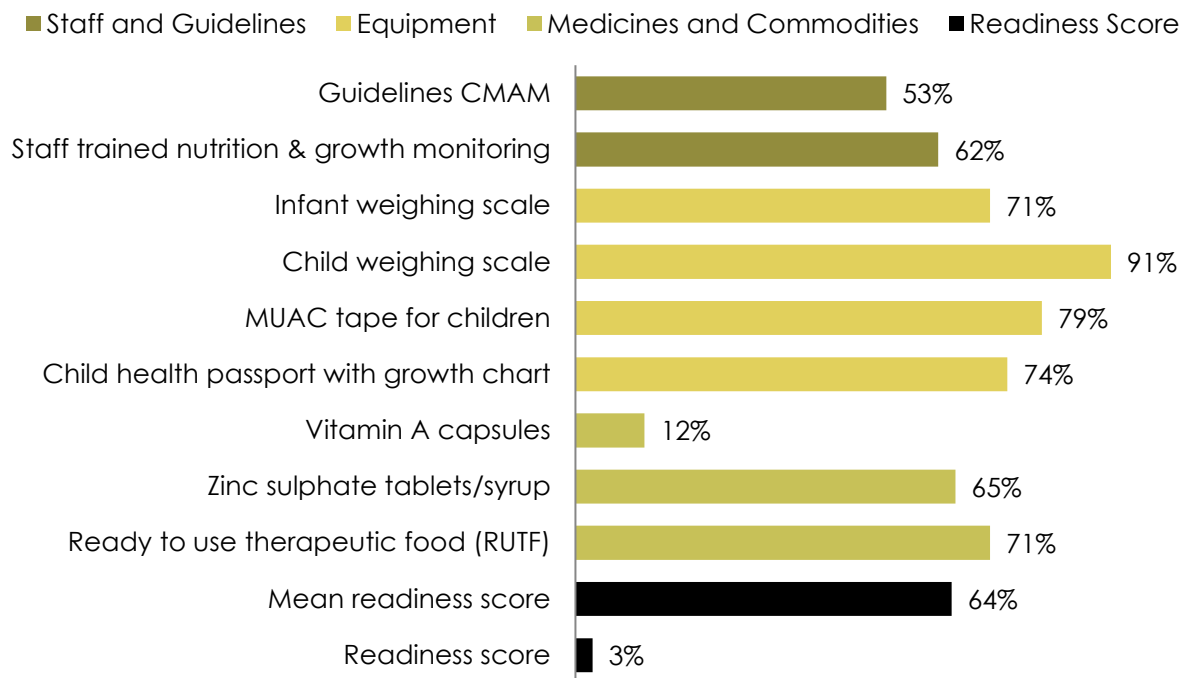
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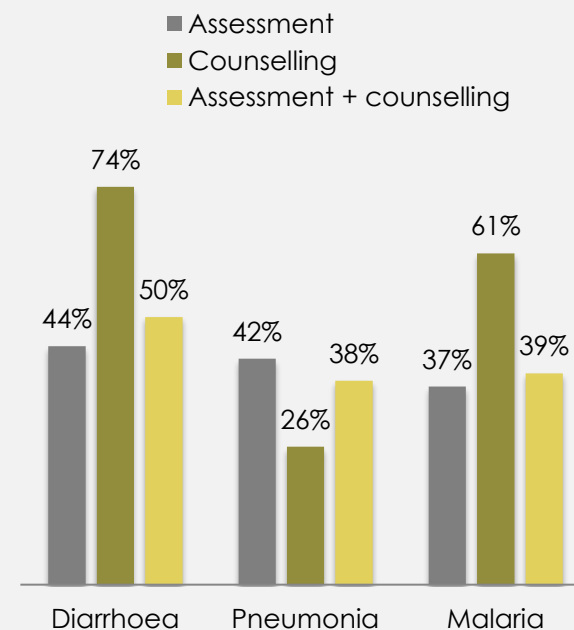
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

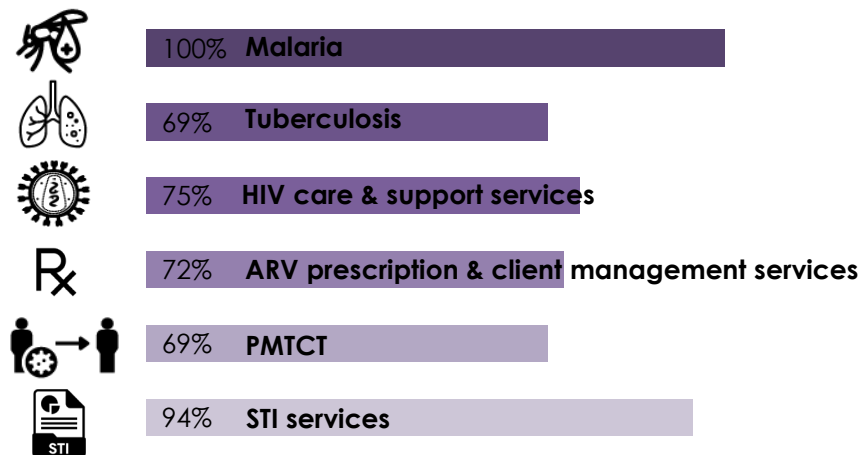


### Provider competency on assessment and counselling of nutrition for sick children





### Percentage Availability of Communicable Disease Services

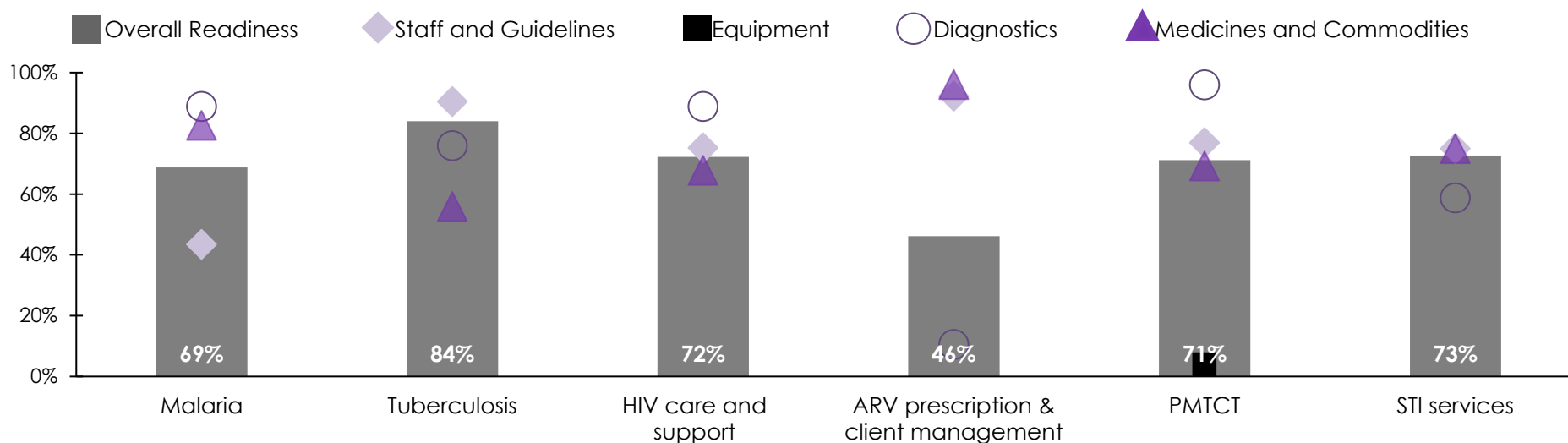


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	4%
CD4 count or viral load test	8%	8%
Renal function test	8%	8%
Liver function test	8%	8%
IV treatment fungal infections	12%	15%
Full blood count	16%	19%
Zidovudine syrup	17%	20%
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TB microscopy	32%	36%
Guidelines IPT	41%	39%

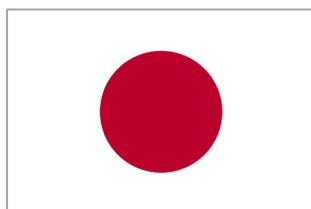
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### District Overview



### Health Workforce

Workforce Density <sup>2</sup>

**N: 10 /10,000**

**D: 14 /10,000**



Caseload <sup>3</sup>

**N: 40.13**

**D: 53.81**



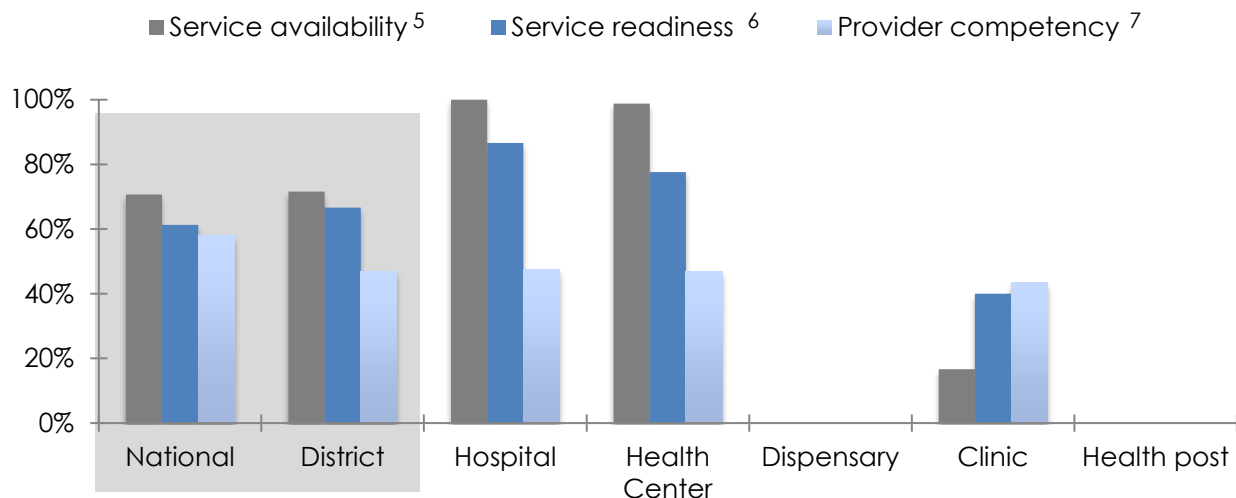
Absenteeism <sup>4</sup>

**N: 18%**

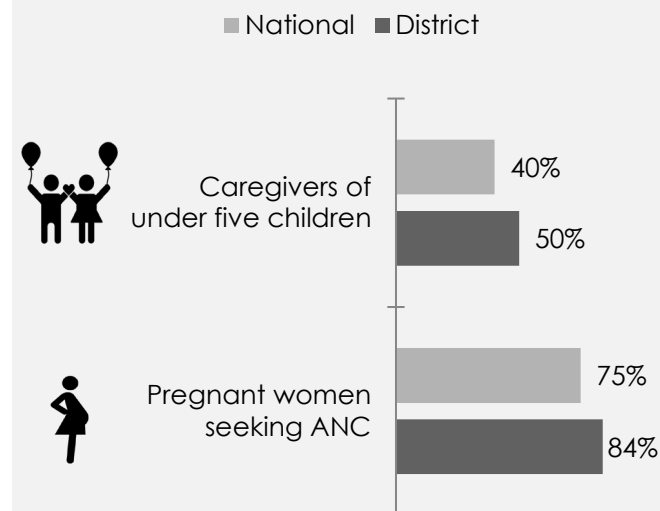
**D: 10%**



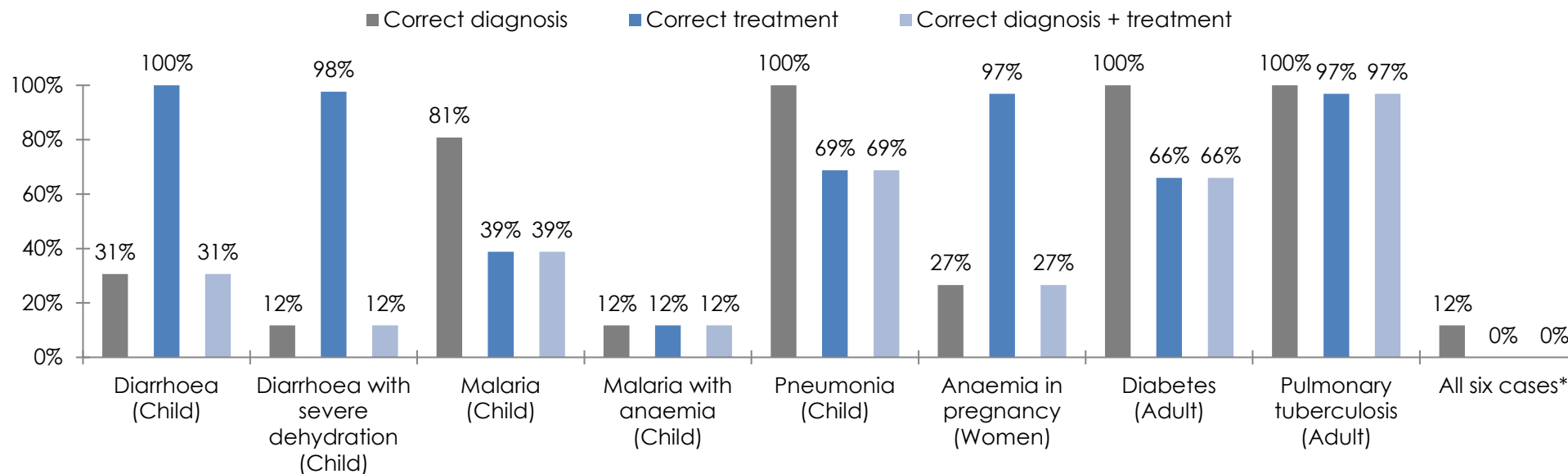
### Overall Performance for Delivering the Essential Health Package



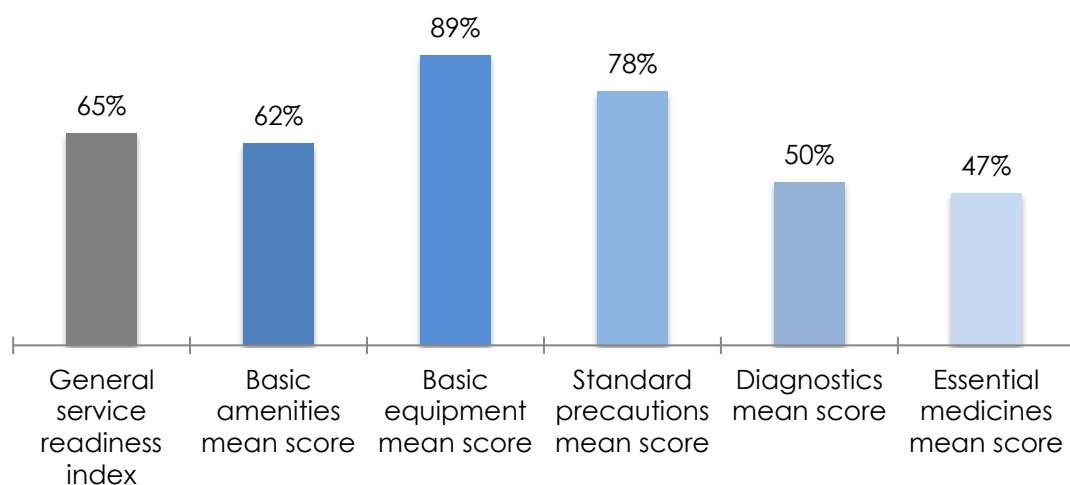
### Client Reported Quality of Visit <sup>8</sup>



### Provider Competency



### General Facility Infrastructure



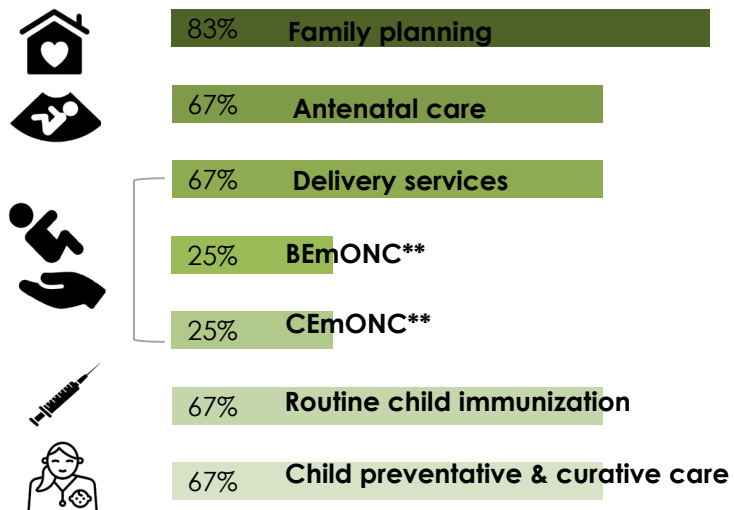
### Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	0%
Simvastatin tablet / other statin	10%	0%
Beclomethasone inhaler	13%	0%
Metformin tablet	35%	0%
Power	50%	0%
Carbamazepine tablet	5%	17%
Diazepam injectable	6%	17%
Computer with internet	21%	17%
Haemoglobin	14%	17%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

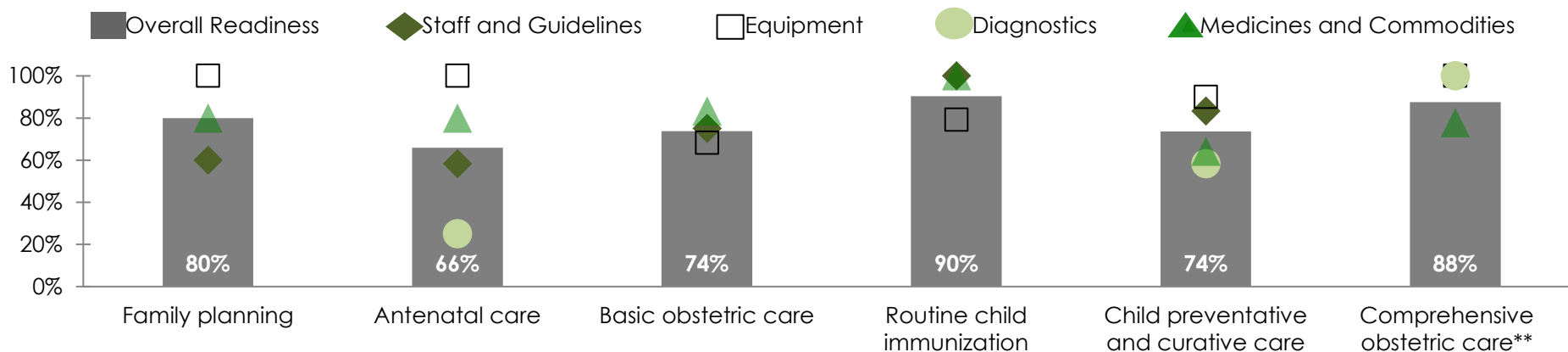


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Epinephrine injectable	54%	0%
Paracetamol syrup/suspension	54%	0%
Vacuum aspirator or D&C kit	37%	0%
Blood supply sufficiency	47%	0%
Haemoglobin - child health	14%	25%
Haemoglobin - ANC	18%	25%
Urine dipstick - protein	26%	25%
Co-trimoxazole suspension	30%	25%
Staff trained ANC	42%	25%
Manual vacuum extractor	47%	25%

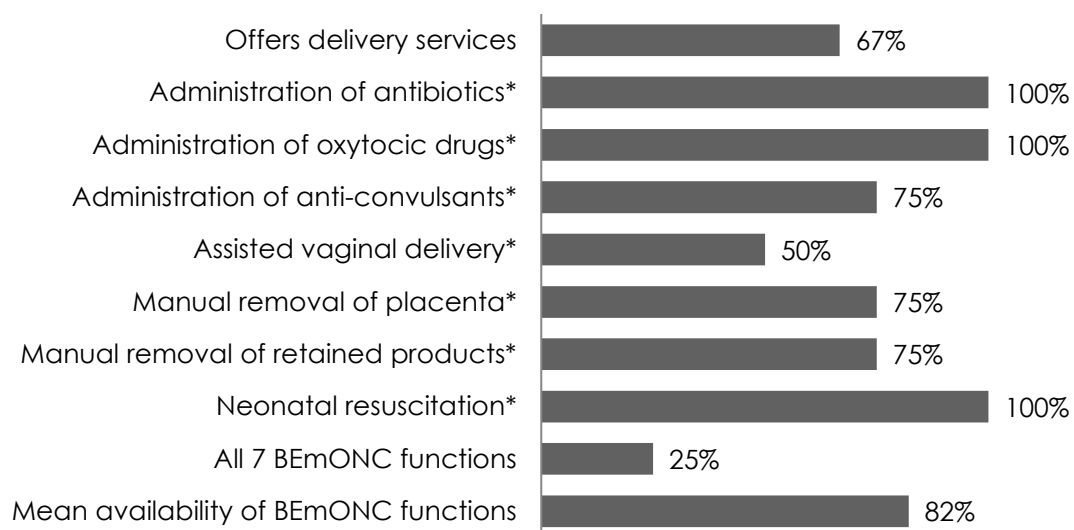
### Readiness\* to Provide MNCH Services



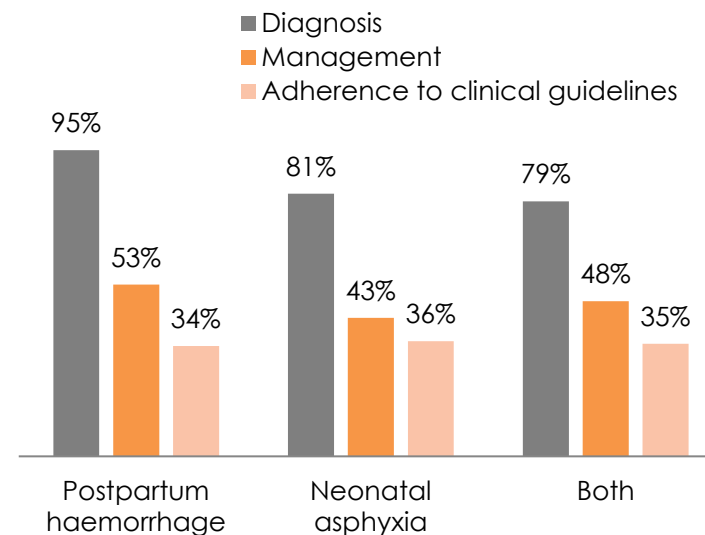
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.  
 \*\* Only includes facilities offering delivery services  
 BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions

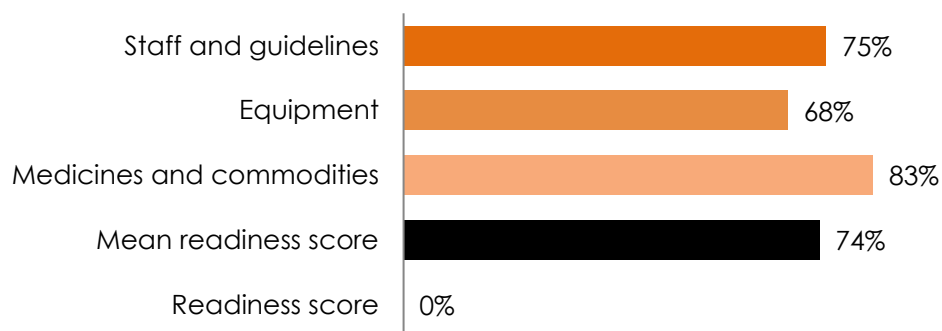


### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services

■ Staff and Guidelines ■ Equipment ■ Medicines and Commodities ■ Readiness Score



### Least Available Delivery Readiness Items

Percent of facilities with:

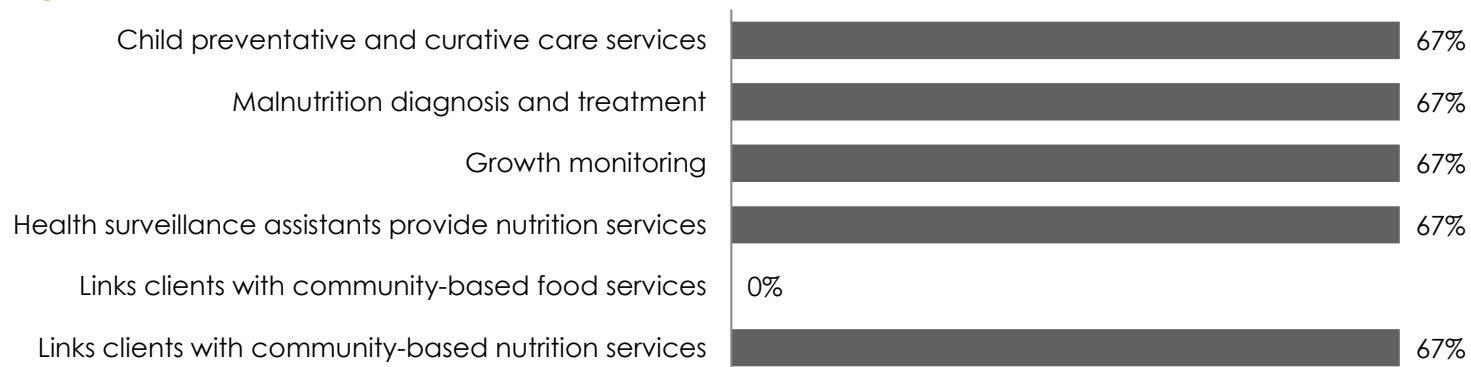
Item	N	D
Vacuum aspirator or D&C kit	37%	0%
Manual vacuum extractor	47%	25%
Soap and water / alcohol based hand rub	71%	25%
Antibiotic eye ointment for newborn	85%	25%
Staff trained essential childbirth care	40%	50%
Sterilization equipment	47%	50%
Staff trained newborn resuscitation	63%	75%
Delivery bed	55%	75%

\* BEmONC signal function

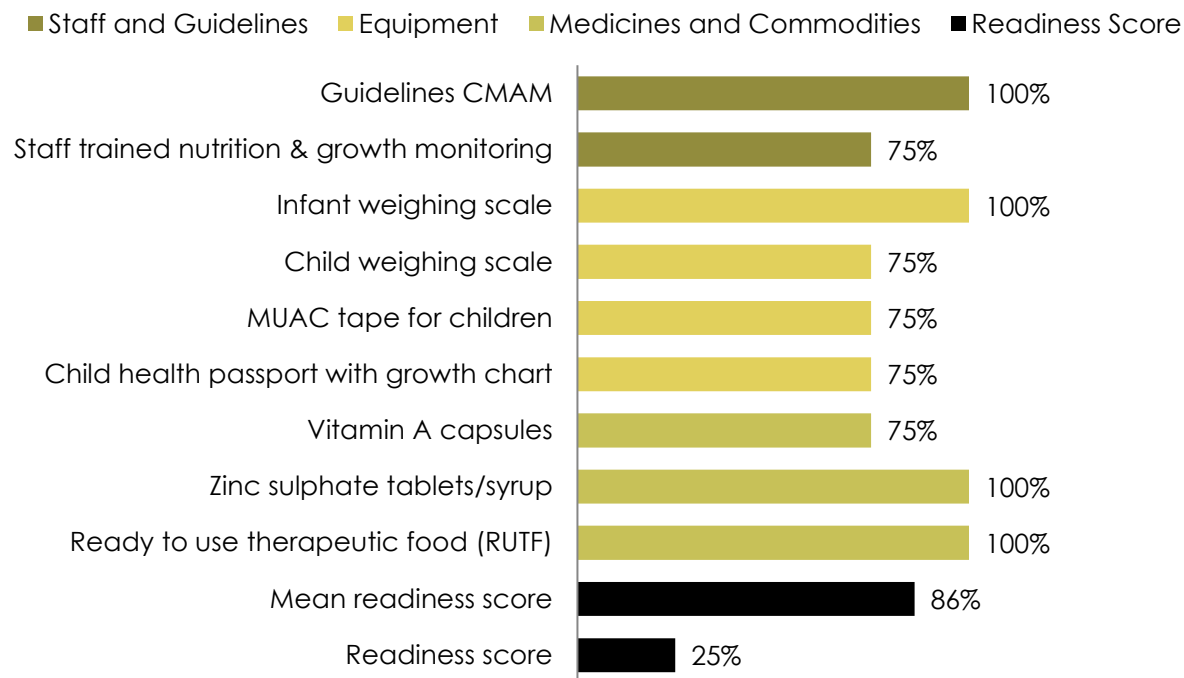
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

**N** = National Average, **D** = District Average

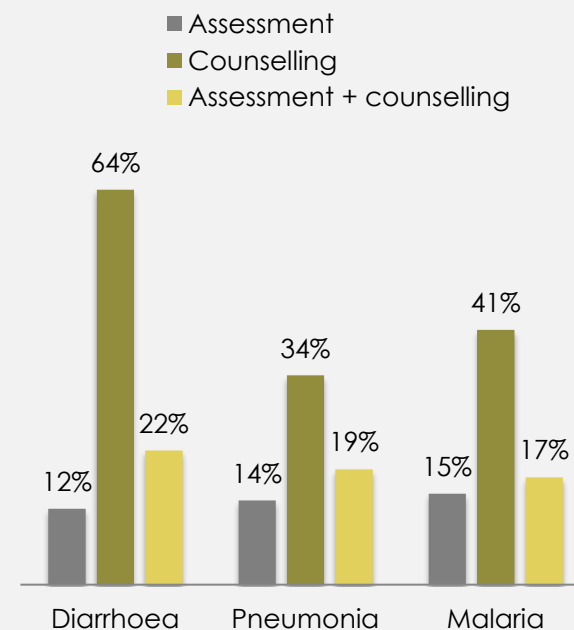
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

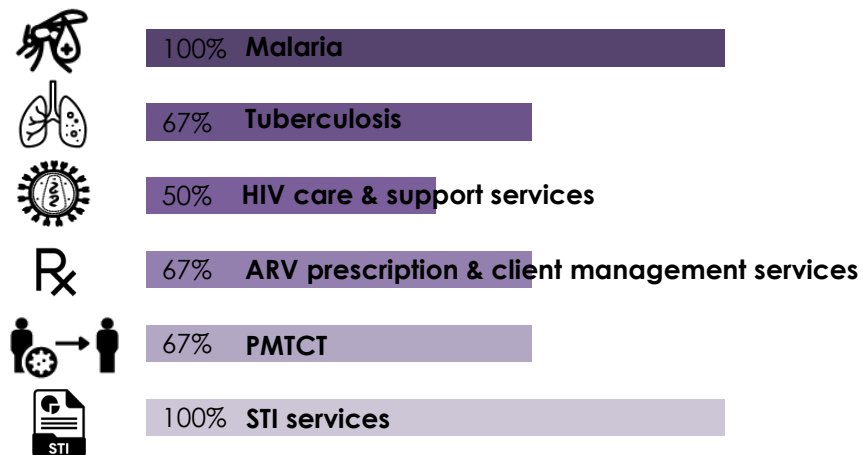


### Provider competency on assessment and counselling of nutrition for sick children



Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Percentage Availability of Communicable Disease Services

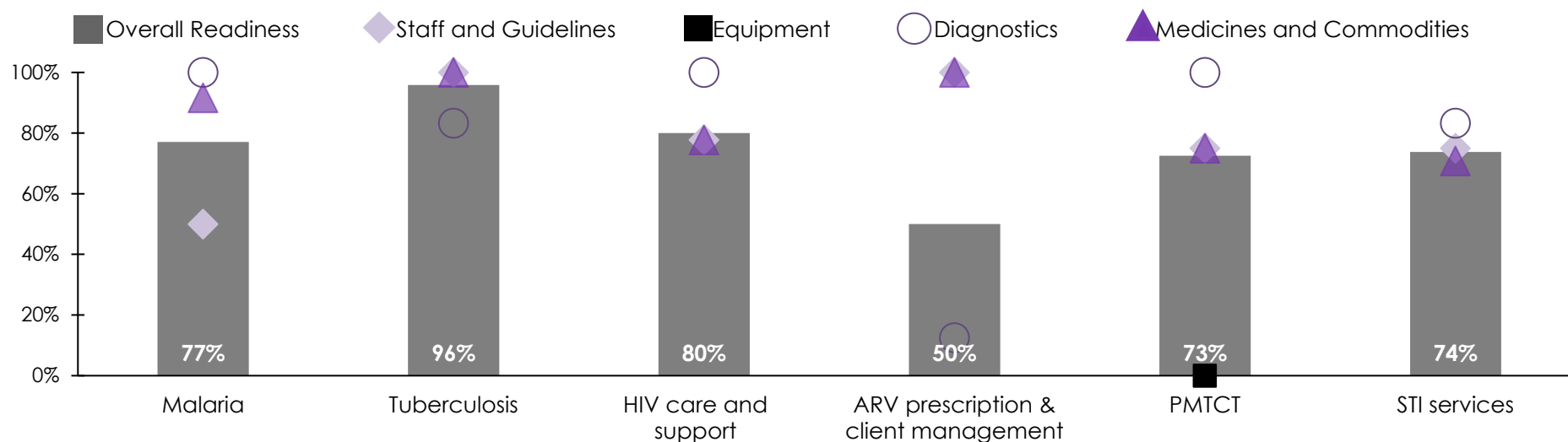


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
CD4 count or viral load test	8%	0%
Visual and auditory privacy PMTCT area	3%	0%
Full blood count	16%	0%
IV treatment fungal infections	12%	0%
Staff trained IPT	25%	17%
Renal function test	8%	25%
Liver function test	8%	25%
Zidovudine syrup	17%	25%
Guidelines for palliative care	39%	33%
Guidelines IPT	41%	33%

### Readiness\* to Provide Communicable Disease Services

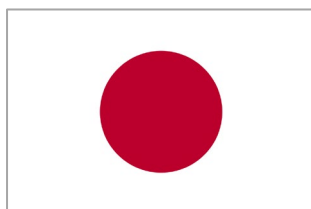


\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

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Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

Workforce Density <sup>2</sup>

**N: 10 /10,000**

**D: 15 /10,000**



Caseload <sup>3</sup>

**N: 40.13**

**D: 31.57**



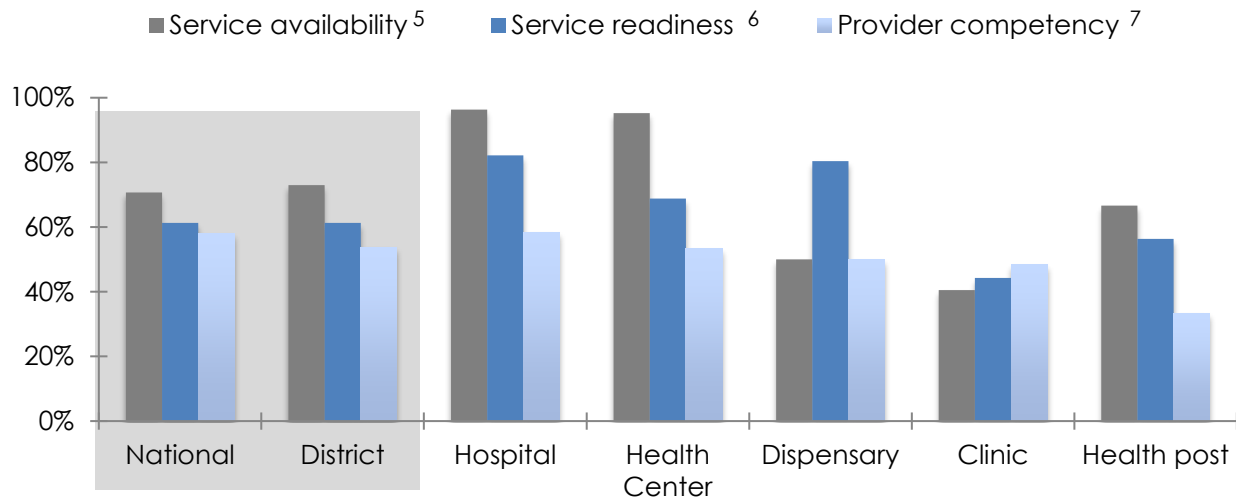
Absenteeism <sup>4</sup>

**N: 18%**

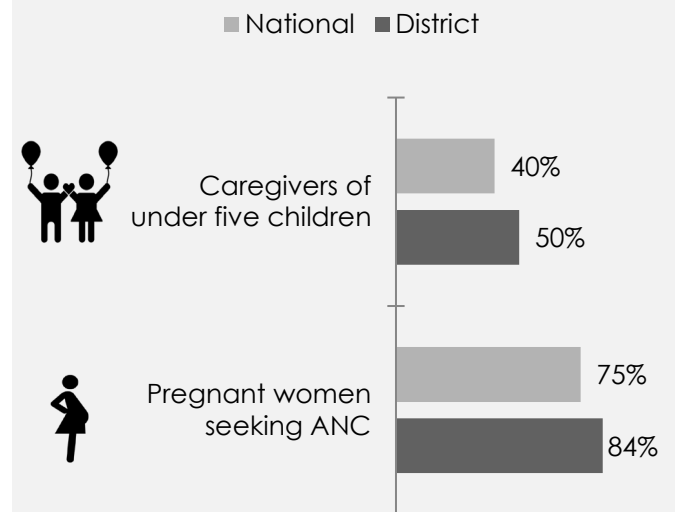
**D: 21%**



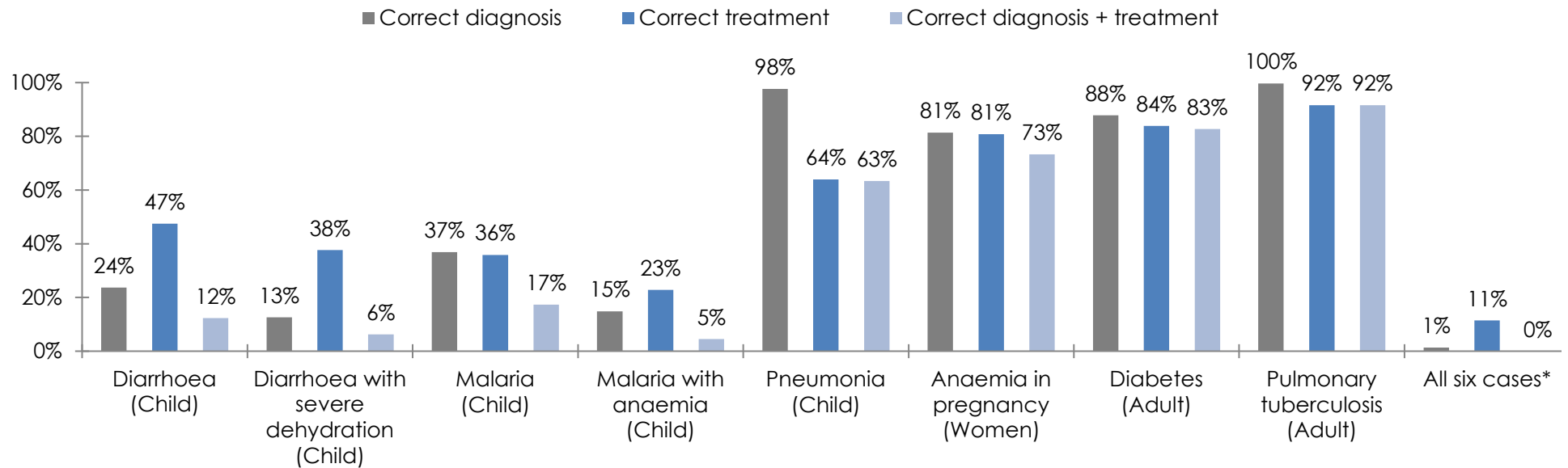
## Overall Performance for Delivering the Essential Health Package



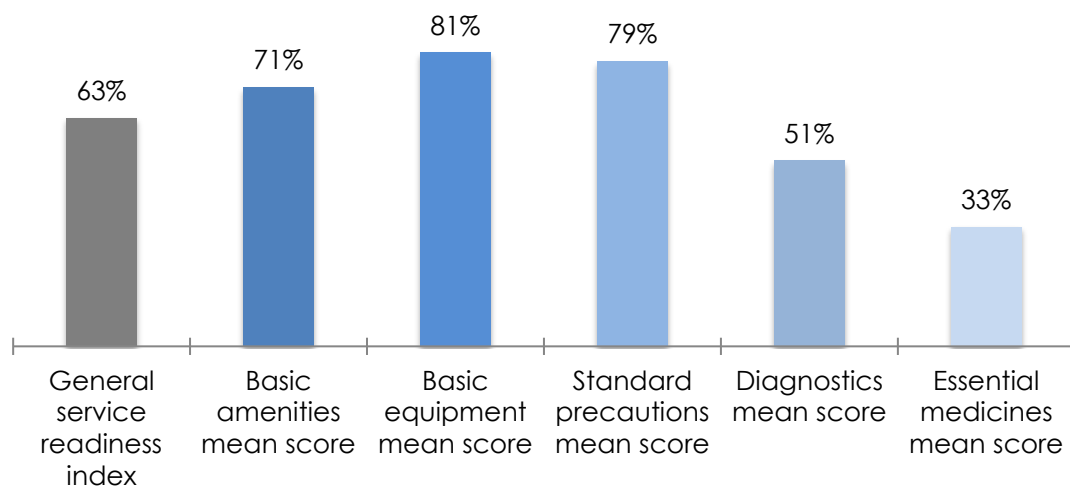
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



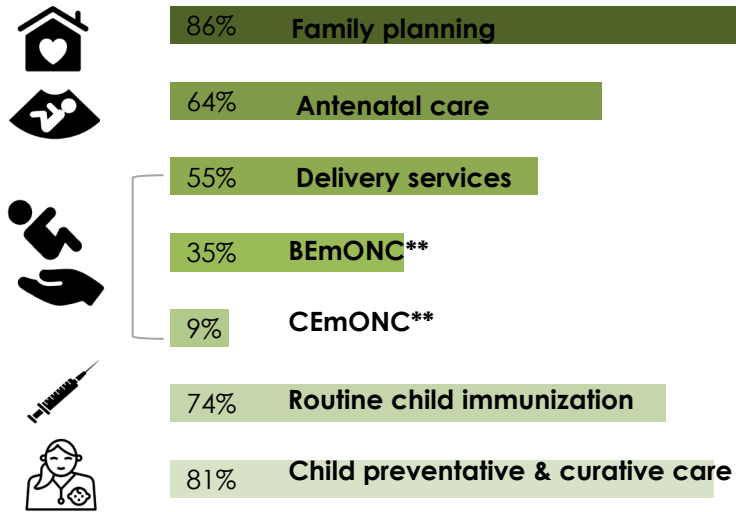
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	2%
Fluoxetine tablet	2%	2%
Carbamazepine tablet	5%	2%
Diazepam injectable	6%	5%
Simvastatin tablet / other statin	10%	10%
Haemoglobin	14%	12%
Insulin regular injection	11%	12%
Ampicillin powder for injection	15%	17%
Beclomethasone inhaler	13%	19%
Amlodipine tablet	24%	19%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

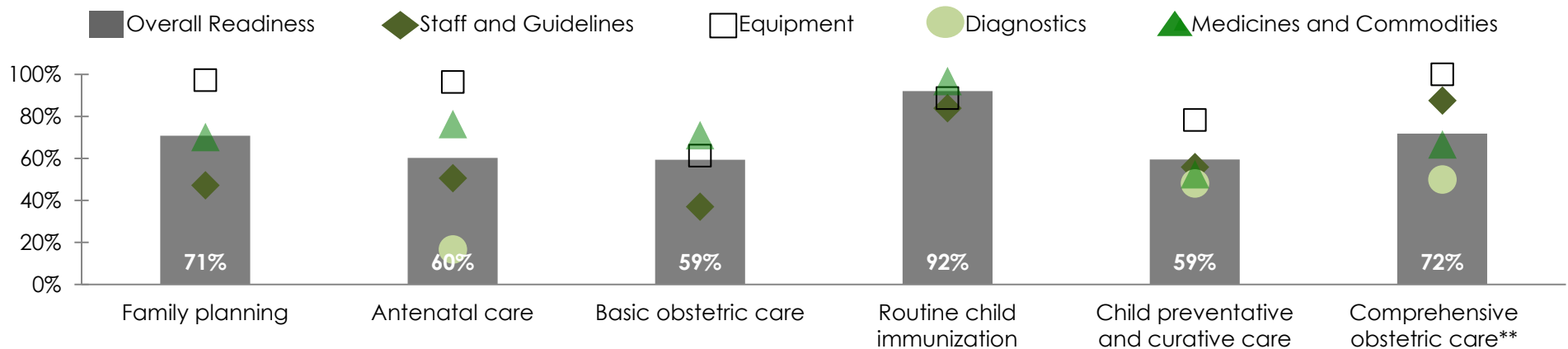


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Blood supply sufficiency	47%	0%
Staff trained essential childbirth care	40%	9%
Haemoglobin - ANC	18%	11%
Staff trained ANC	42%	11%
Haemoglobin - child health	14%	12%
Vacuum aspirator or D&C kit	37%	22%
Manual vacuum extractor	47%	22%
Urine dipstick - protein	26%	22%
Co-trimoxazole suspension	30%	24%
Intravenous solution with infusion set	62%	26%

### Readiness\* to Provide MNCH Services



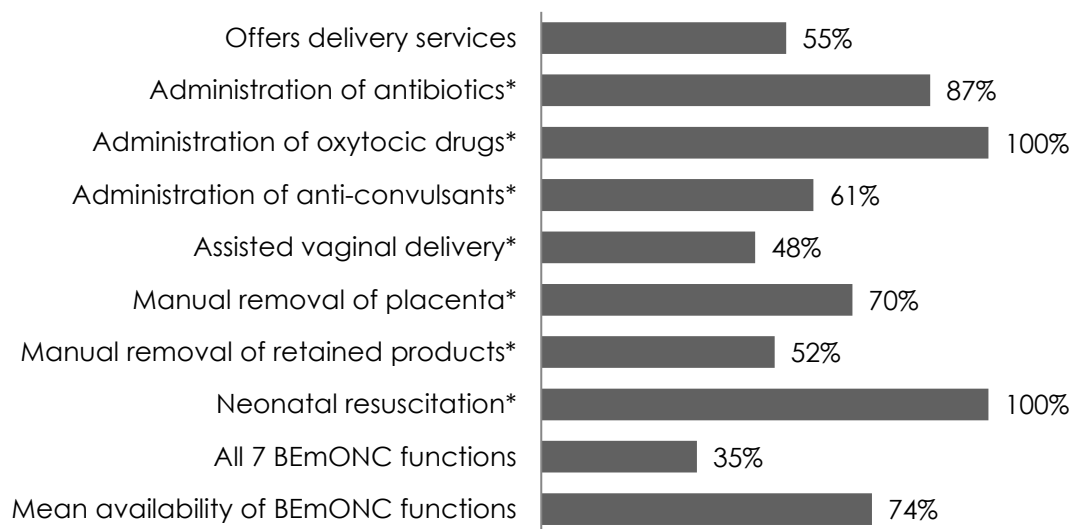
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

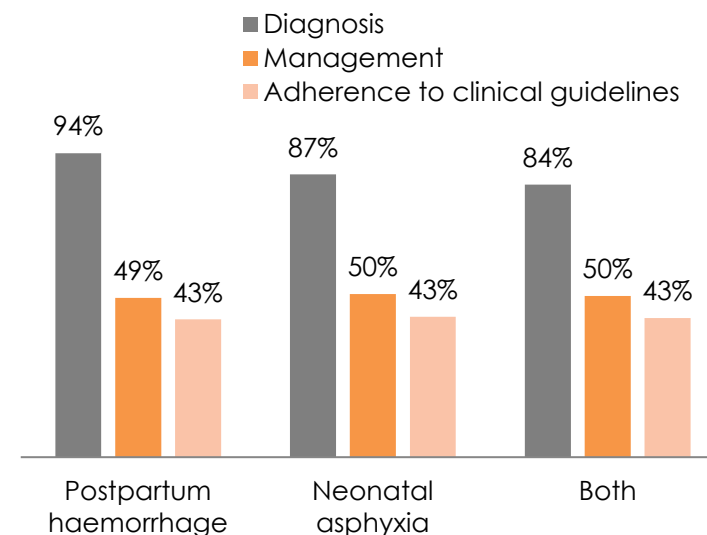
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

N = National Average, D = District Average

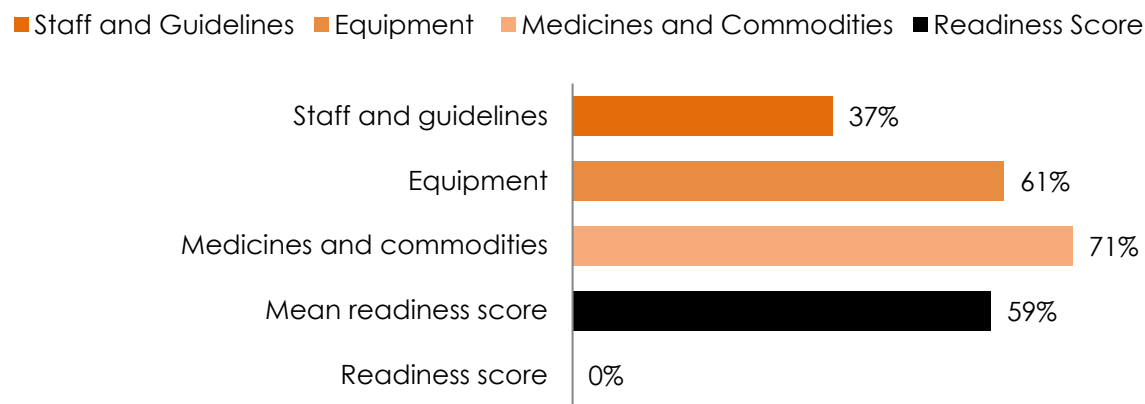
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Staff trained essential childbirth care	40%	9%
Vacuum aspirator or D&C kit	37%	22%
Manual vacuum extractor	47%	22%
Intravenous solution with infusion set	62%	26%
Staff trained newborn resuscitation	63%	35%
Sterilization equipment	47%	39%
Guidelines essential childbirth care	61%	43%
Soap and water / alcohol based hand rub	71%	57%

\* BEmONC signal function

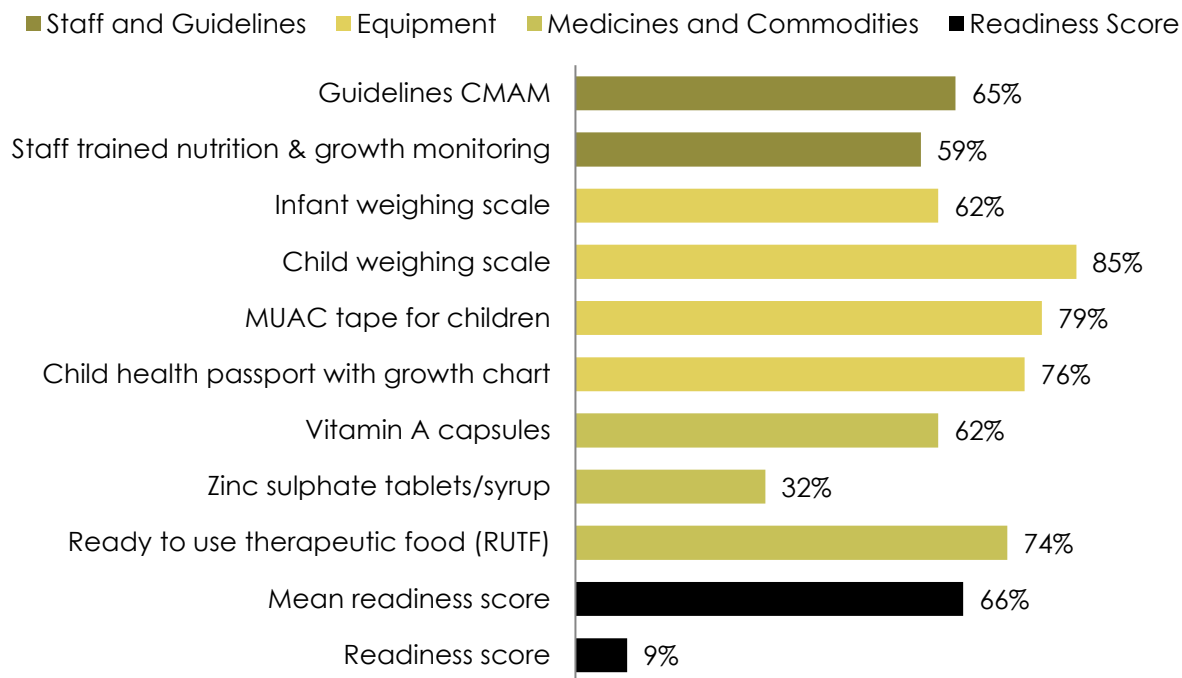
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N= National Average, D = District Average

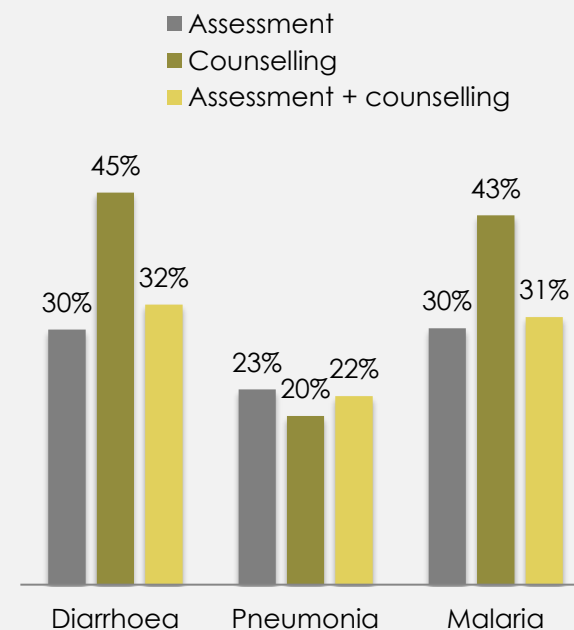
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

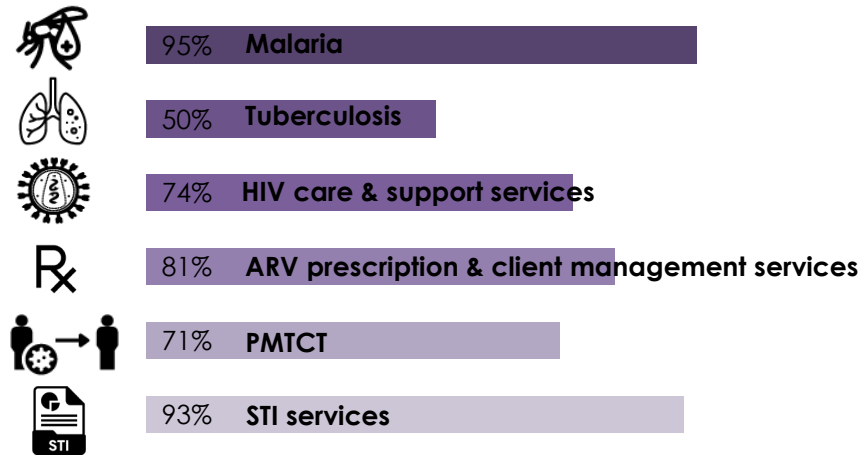


### Provider competency on assessment and counselling of nutrition for sick children



Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Percentage Availability of Communicable Disease Services

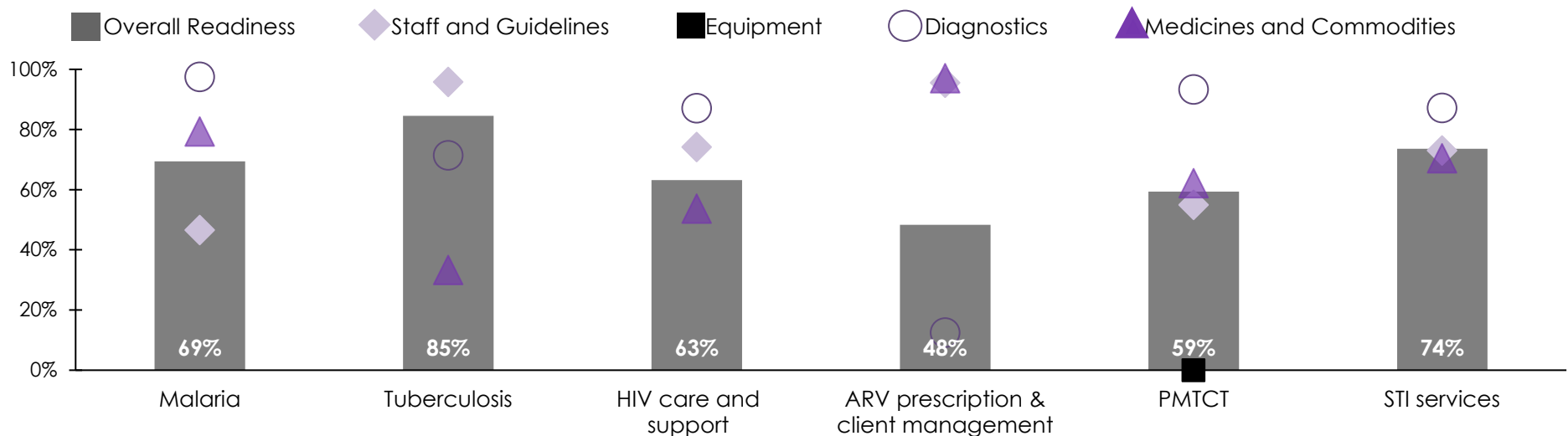


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
CD4 count or viral load test	8%	6%
IV treatment fungal infections	12%	6%
Renal function test	8%	9%
Liver function test	8%	9%
Zidovudine syrup	17%	10%
Staff trained IPT	25%	17%
Intravenous solution with infusion set	49%	19%
First line TB medications	39%	23%
Full blood count	16%	26%

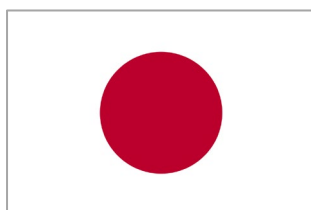
### Readiness\* to Provide Communicable Disease Services



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<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility



## District Overview



## Health Workforce

Workforce Density <sup>2</sup>

**N: 10 /10,000**

**D: 4.7 /10,000**



Caseload <sup>3</sup>

**N: 40.13**

**D: 29.08**



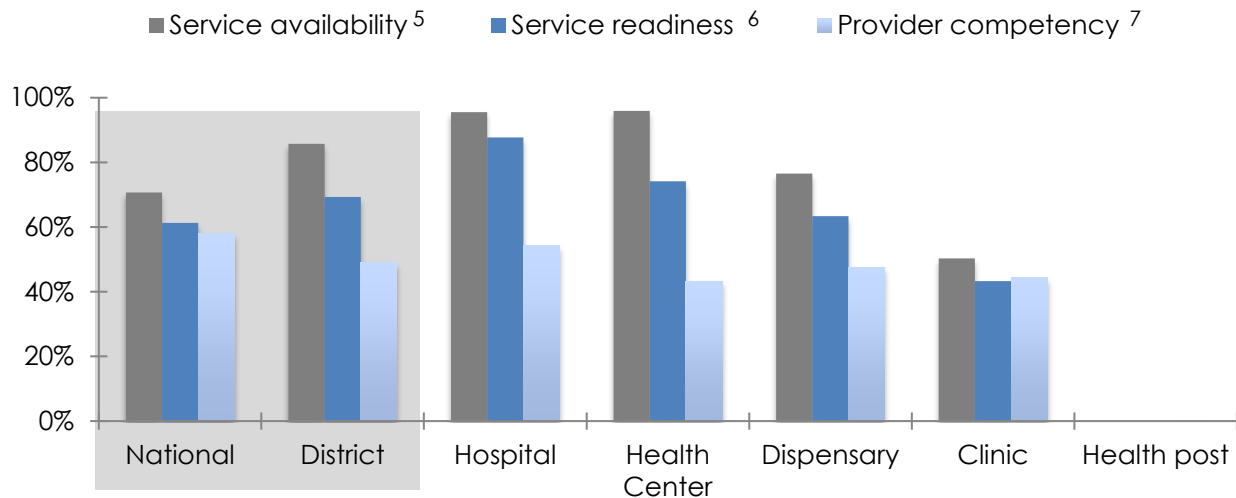
Absenteeism <sup>4</sup>

**N: 18%**

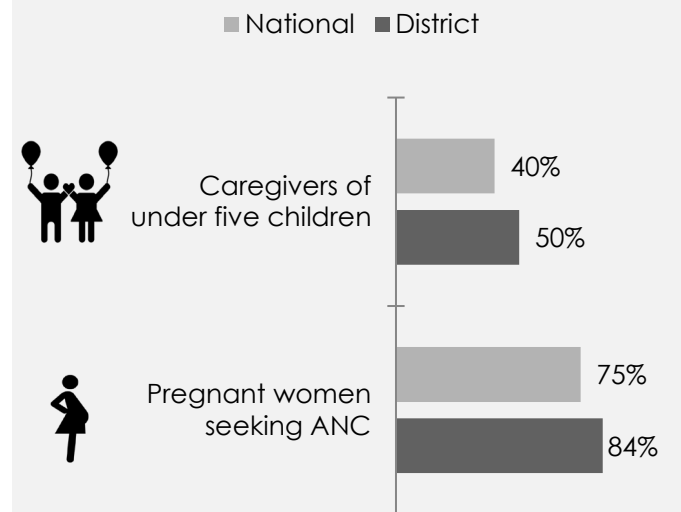
**D: 34%**



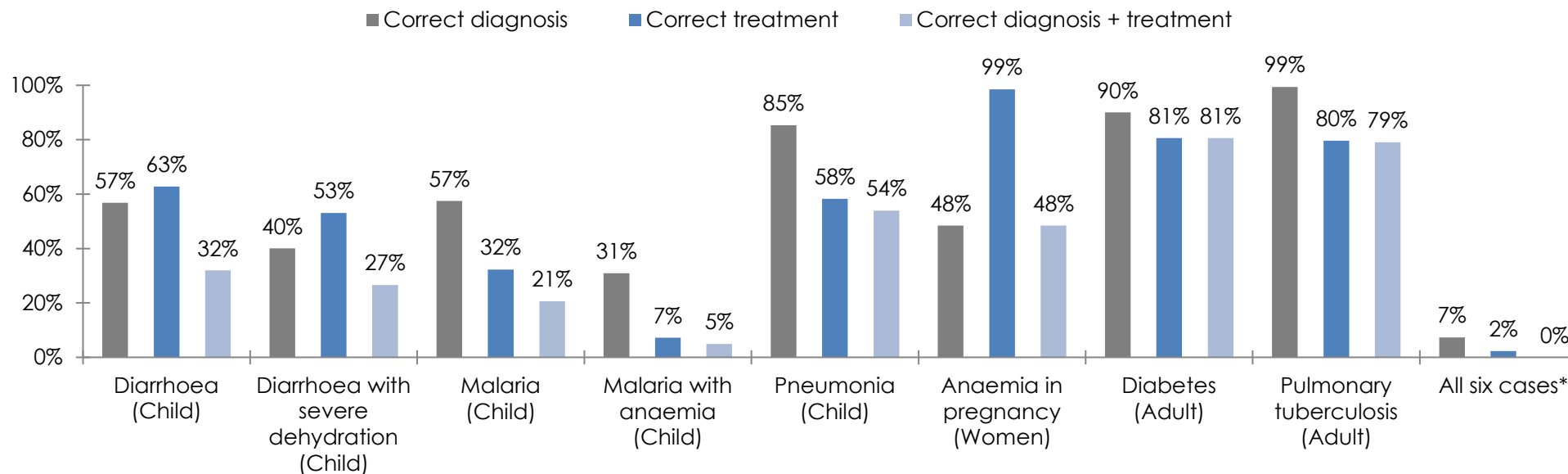
## Overall Performance for Delivering the Essential Health Package



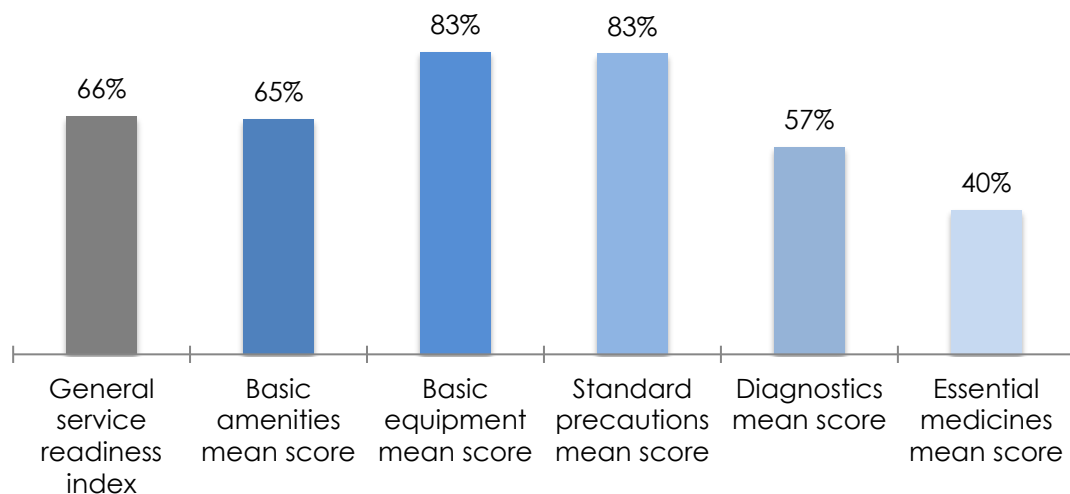
## Client Reported Quality of Visit <sup>8</sup>



### Provider Competency



### General Facility Infrastructure



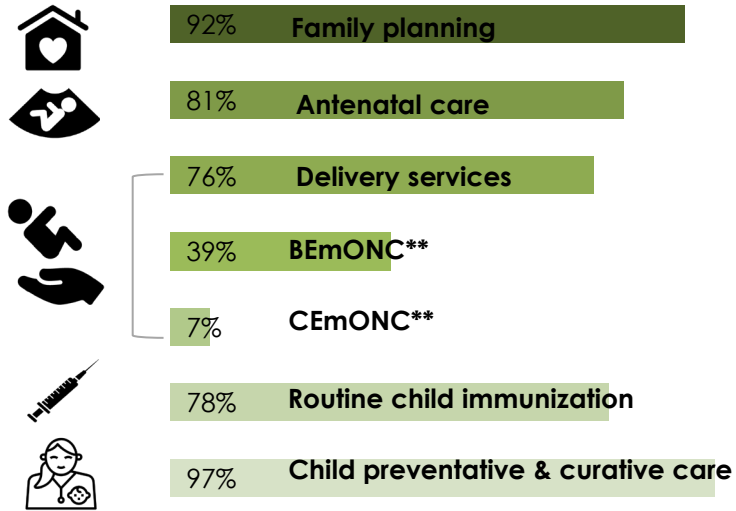
### Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Simvastatin tablet / other statin	10%	0%
Fluoxetine tablet	2%	3%
Haloperidol tablet	3%	5%
Carbamazepine tablet	5%	5%
Diazepam injectable	6%	5%
Insulin regular injection	11%	8%
Beclomethasone inhaler	13%	8%
Ampicillin powder for injection	15%	11%
Haemoglobin	14%	16%
Computer with internet	21%	19%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

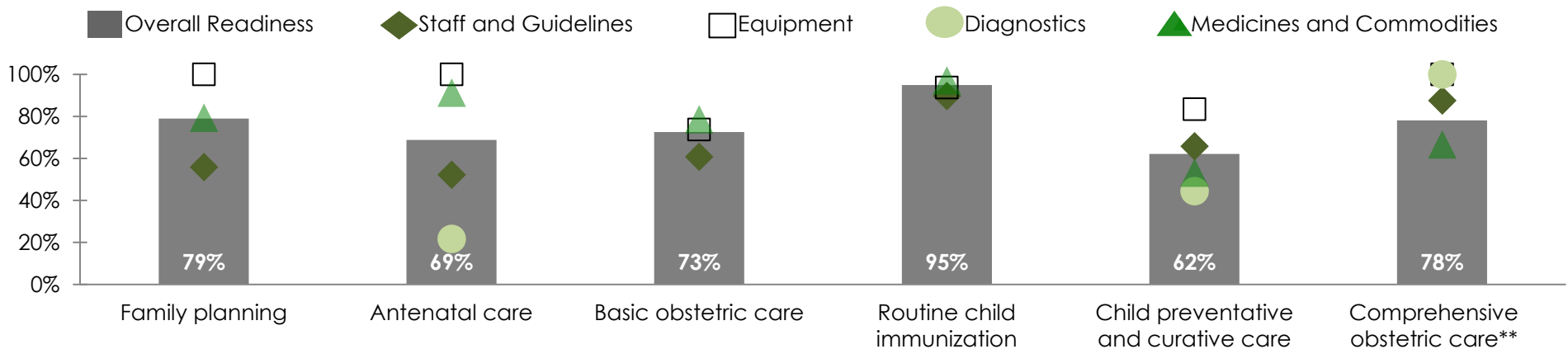


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Lidocaine 5%	53%	0%
Suxamethonium bromide powder	39%	0%
Haemoglobin - child health	14%	17%
General microscopy/wet mounts	22%	19%
Haemoglobin - ANC	18%	20%
Co-trimoxazole suspension	30%	22%
Urine dipstick - protein	26%	23%
Staff trained ANC	42%	27%
Zinc sulphate tablet or syrup	53%	28%
Vacuum aspirator or D&C kit	37%	36%

### Readiness\* to Provide MNCH Services



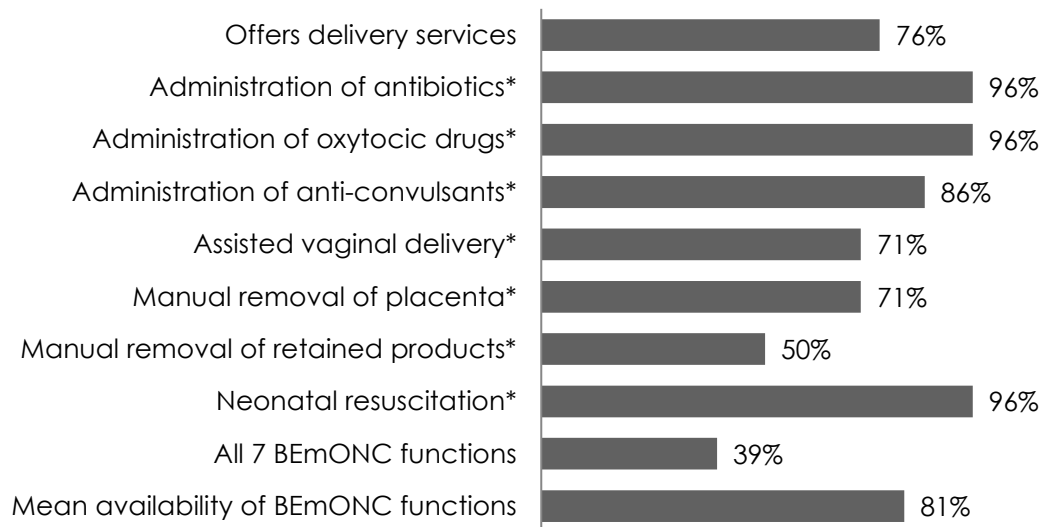
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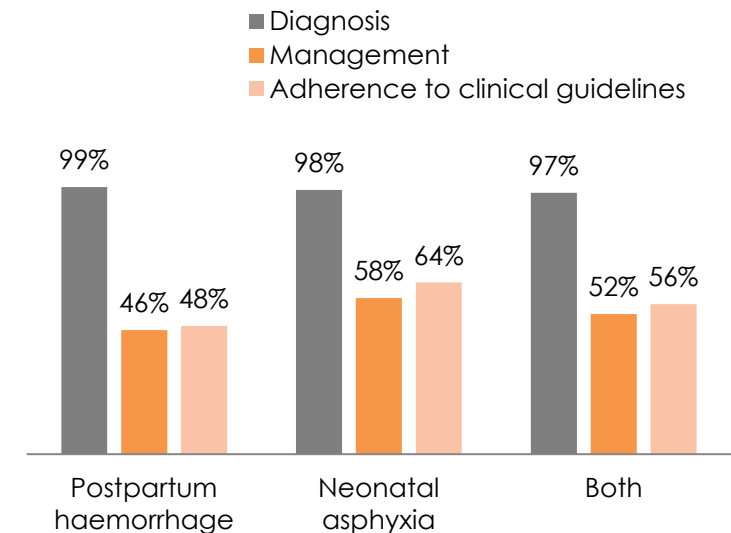
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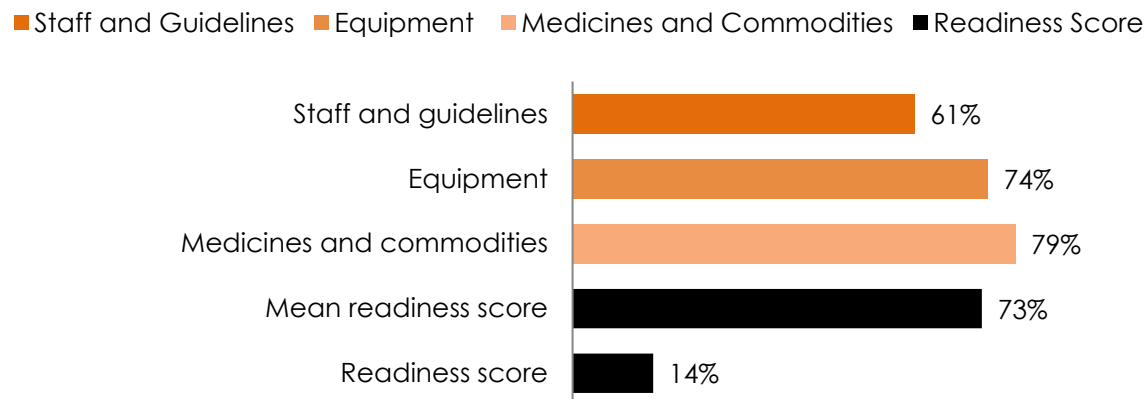
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

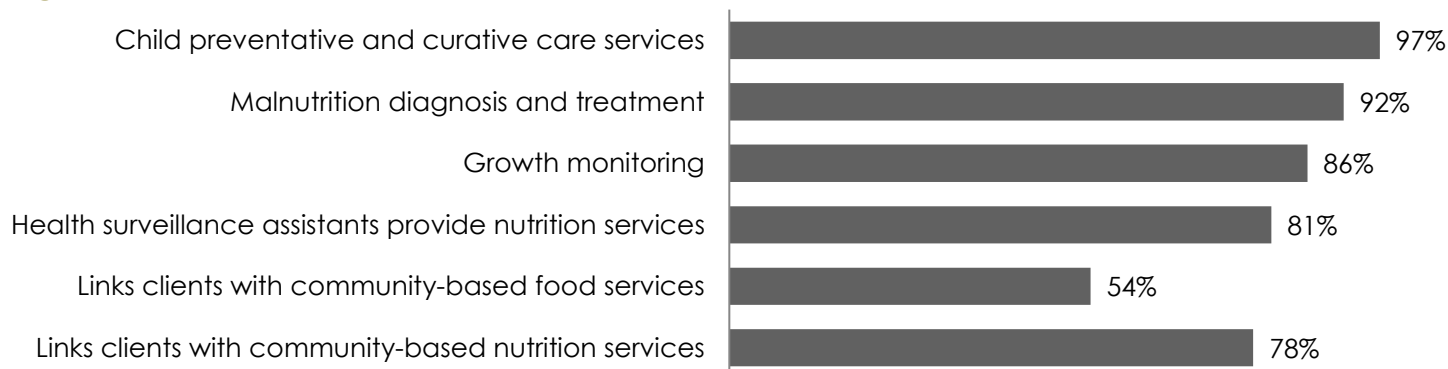
Item	N	D
Vacuum aspirator or D&C kit	37%	36%
Manual vacuum extractor	47%	39%
Staff trained essential childbirth care	40%	43%
Sterilization equipment	47%	43%
Staff trained newborn resuscitation	63%	61%
Emergency transportation	82%	61%
Antibiotic eye ointment for newborn	85%	61%
Intravenous solution with infusion set	62%	68%

\* BEmONC signal function

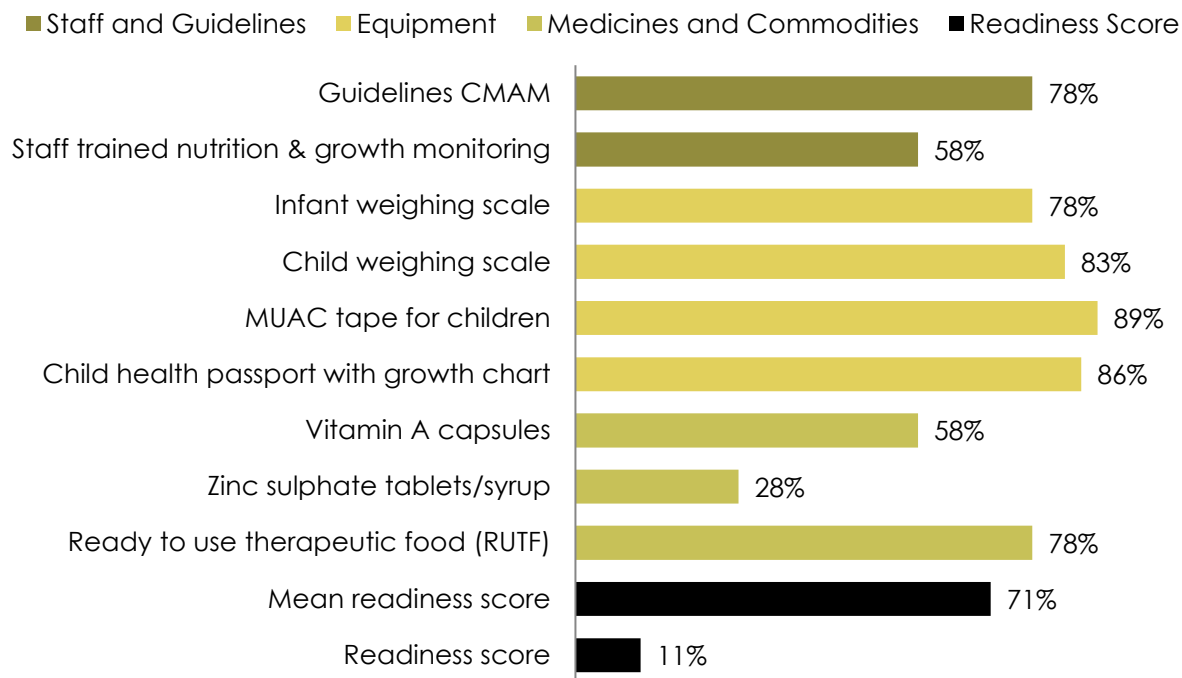
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

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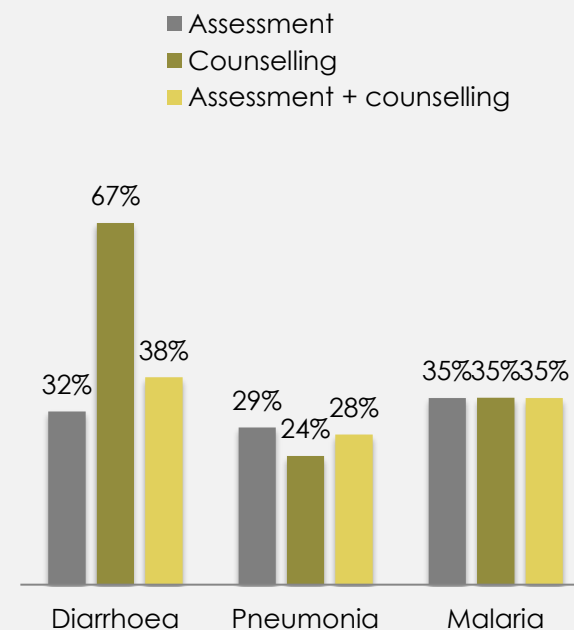
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

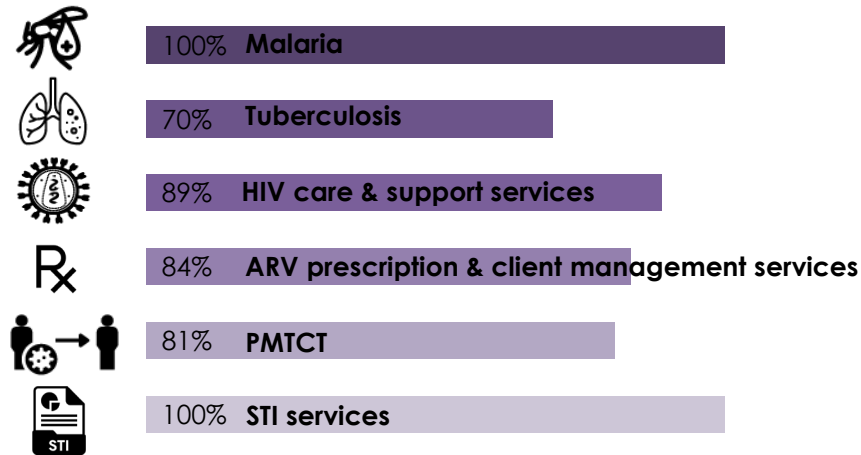


### Provider competency on assessment and counselling of nutrition for sick children



Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Percentage Availability of Communicable Disease Services

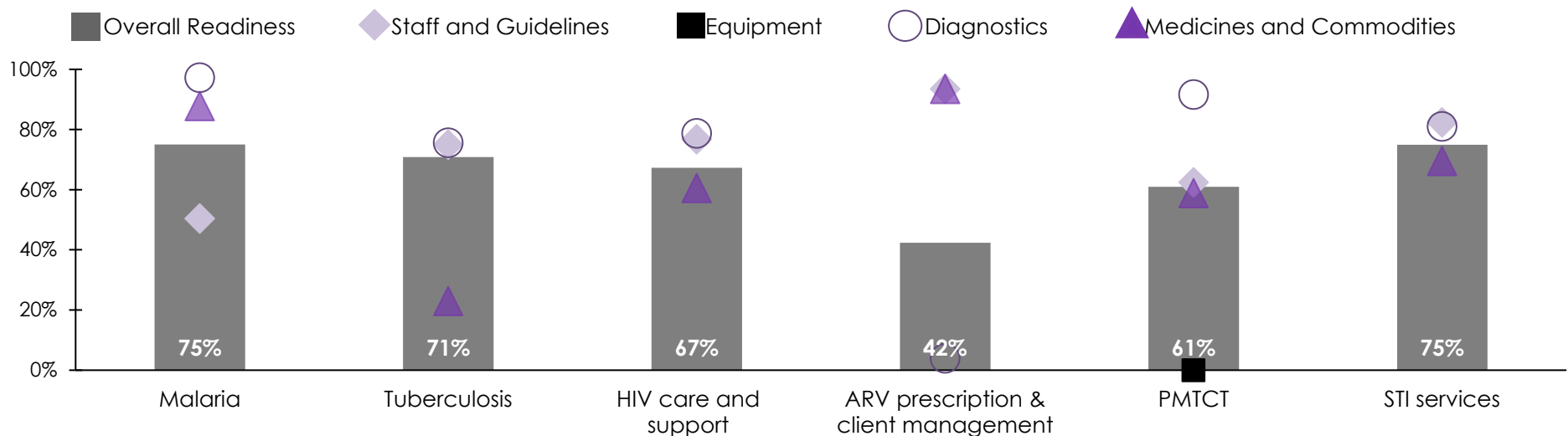


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Zidovudine syrup	17%	0%
IV treatment fungal infections	12%	3%
CD4 count or viral load test	8%	3%
Renal function test	8%	3%
Liver function test	8%	3%
Full blood count	16%	6%
First line TB medications	39%	18%
Staff trained IPT	25%	22%
First line TB medications	50%	23%

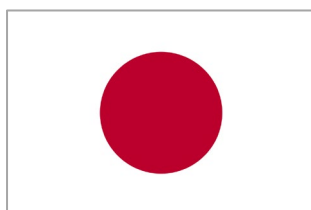
### Readiness\* to Provide Communicable Disease Services



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#### District Overview Data Sources

Population & Children below five: Malawi National Statistics Office Population and Housing Census 2018

Poverty rate: Malawi National Statistics Office Integrated Household Survey 2016/2017

Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 15 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 35.84**



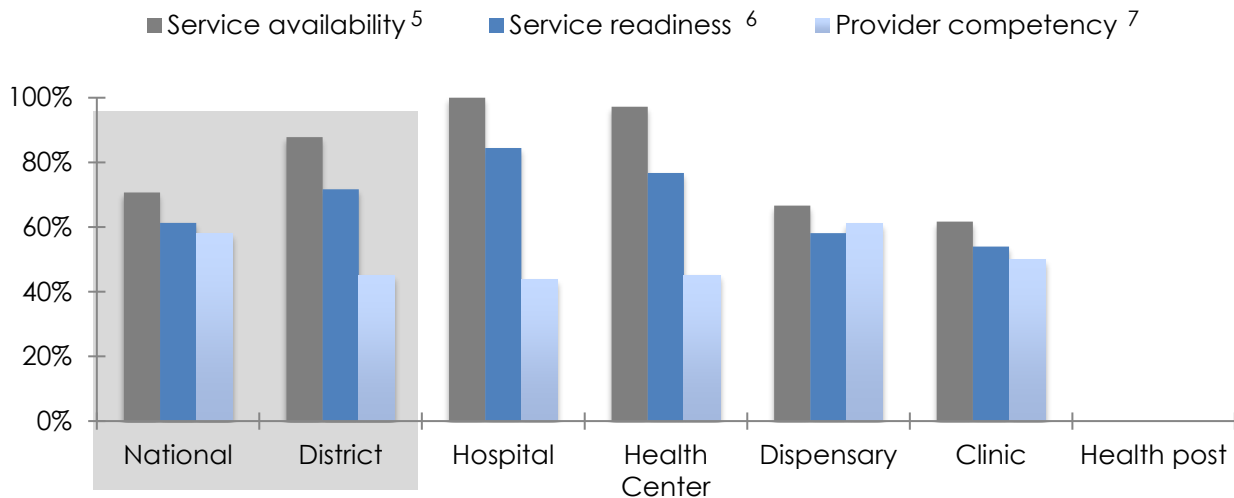
**Absenteeism** <sup>4</sup>

**N: 18%**

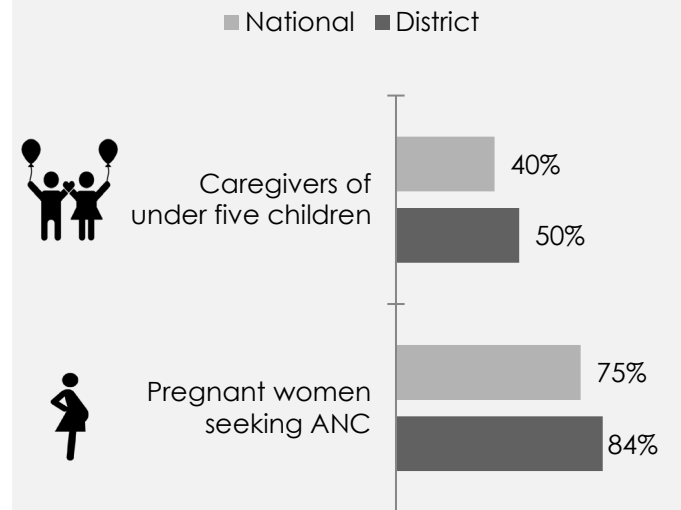
**D: 31%**



## Overall Performance for Delivering the Essential Health Package

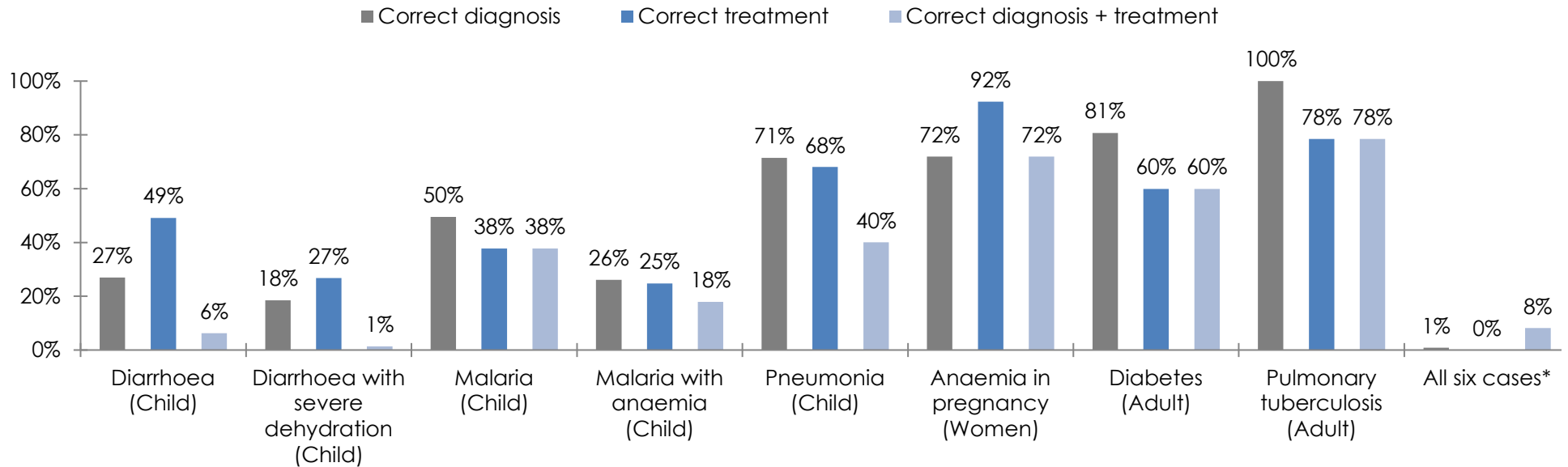


## Client Reported Quality of Visit <sup>8</sup>

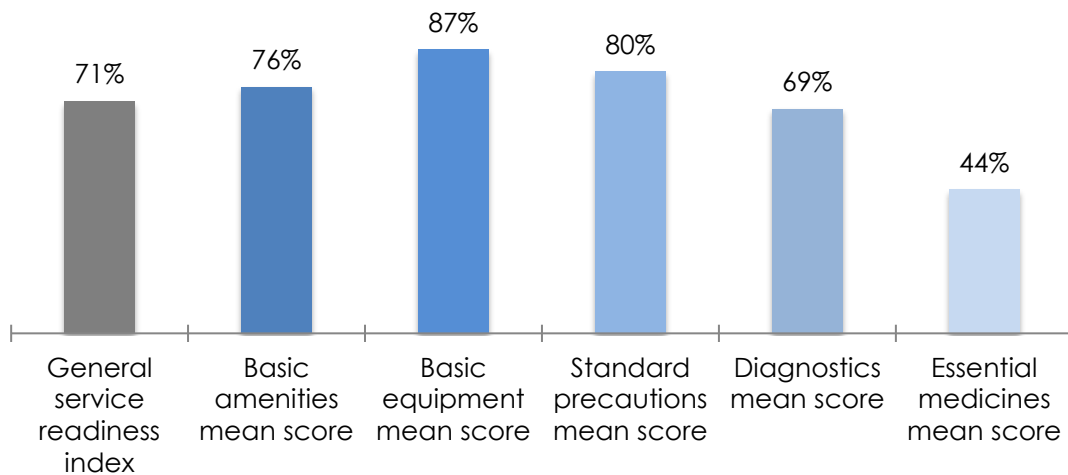




## Provider Competency



## General Facility Infrastructure



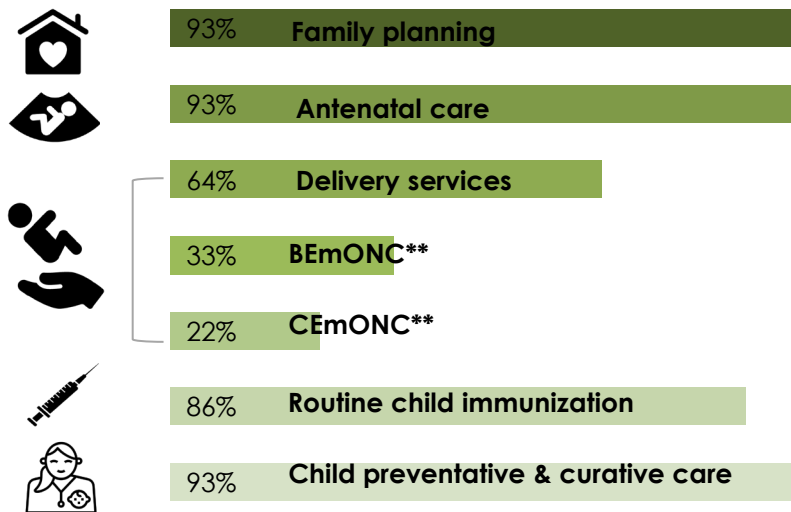
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	0%
Fluoxetine tablet	2%	7%
Simvastatin tablet / other statin	10%	14%
Beclomethasone inhaler	13%	14%
Carbamazepine tablet	5%	14%
Diazepam injectable	6%	14%
Insulin regular injection	11%	14%
Glibenclamide tablet	33%	14%
Beta blocker	36%	14%
Amoxicillin syrup/suspension	62%	21%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

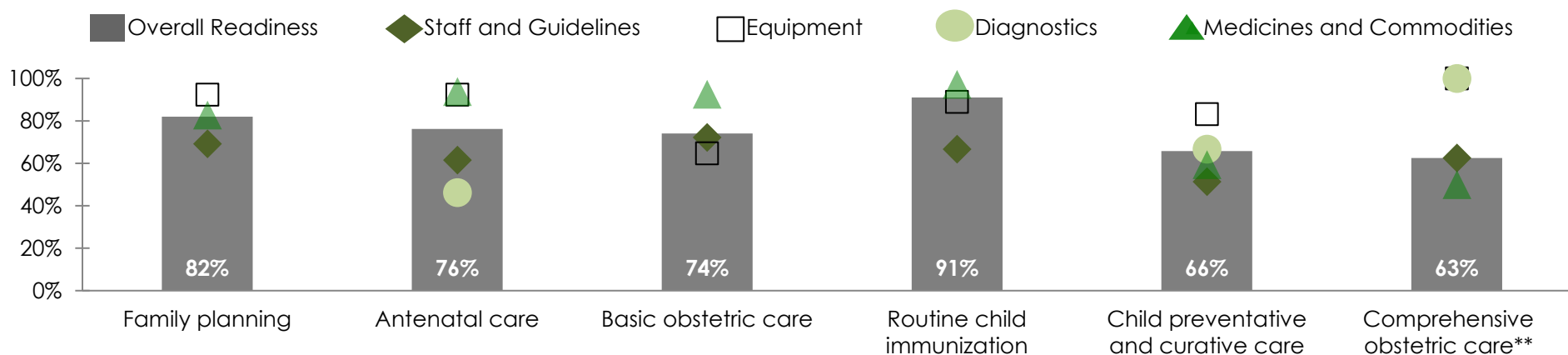


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Epinephrine injectable	54%	0%
Vacuum aspirator or D&C kit	37%	0%
Lidocaine 5%	53%	0%
Thiopental powder	47%	0%
Suxamethonium bromide powder	39%	0%
Staff trained CEmOC	66%	0%
Co-trimoxazole suspension	30%	23%
Amoxicillin syrup/suspension	62%	23%
Staff trained IMCI	57%	31%
Manual vacuum extractor	47%	33%

### Readiness\* to Provide MNCH Services



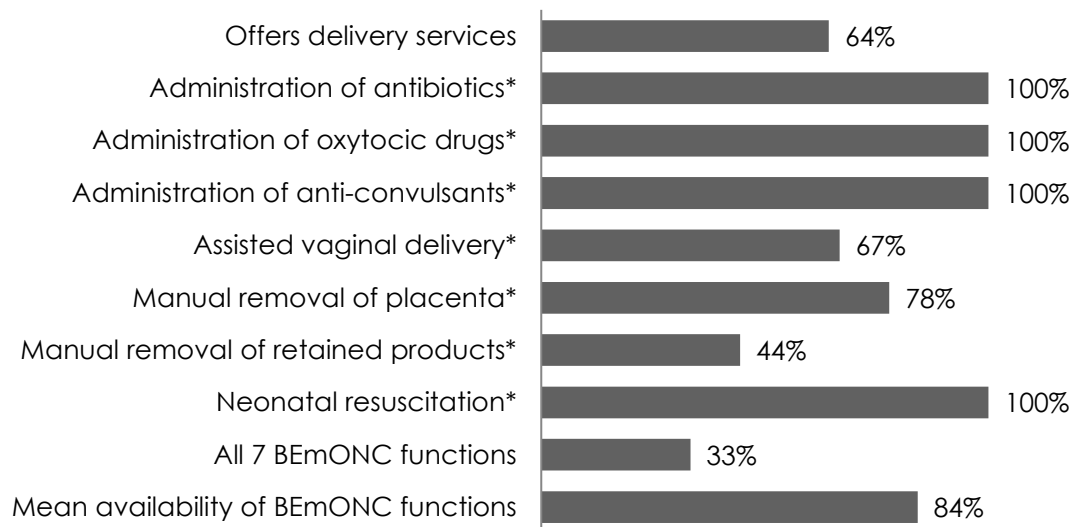
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

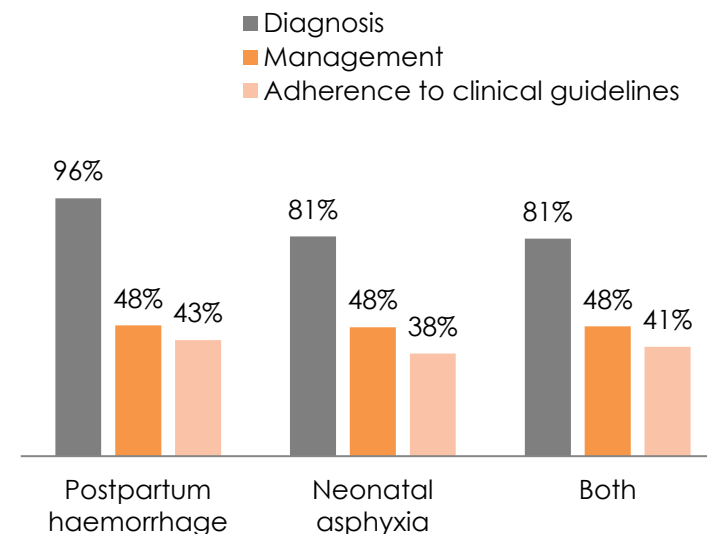
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

N = National Average, D = District Average

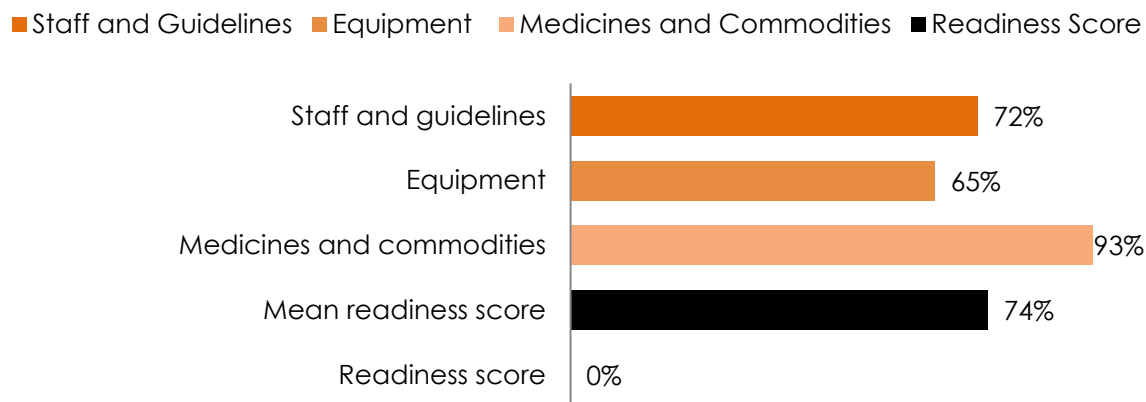
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

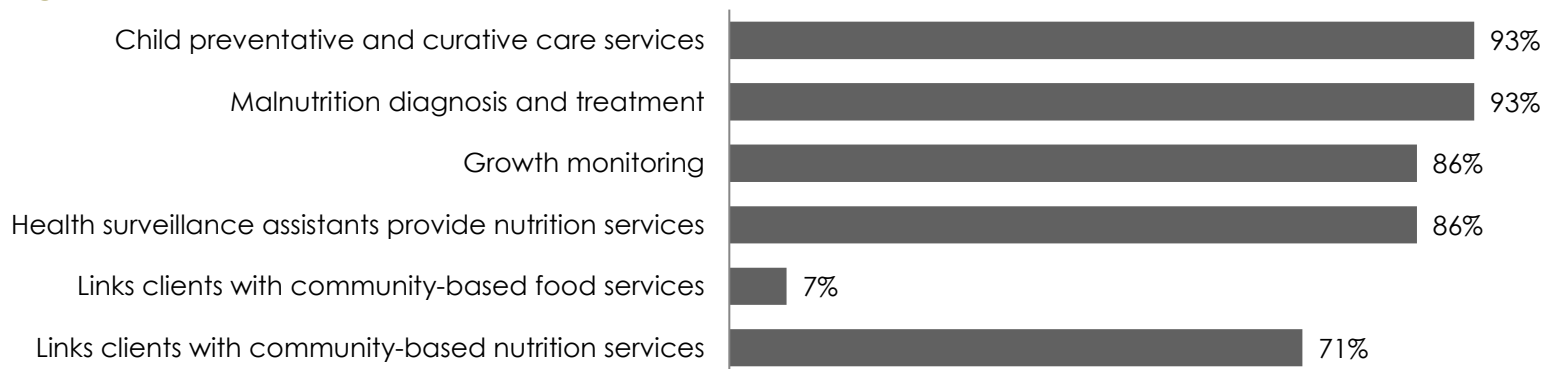
Item	N	D
Vacuum aspirator or D&C kit	37%	0%
Manual vacuum extractor	47%	33%
Sterilization equipment	47%	44%
Soap and water / alcohol based hand rub	71%	56%
Staff trained essential childbirth care	40%	56%
Examination light	58%	56%
Guidelines essential childbirth care	61%	67%
Staff trained newborn resuscitation	63%	78%

\* BEmONC signal function

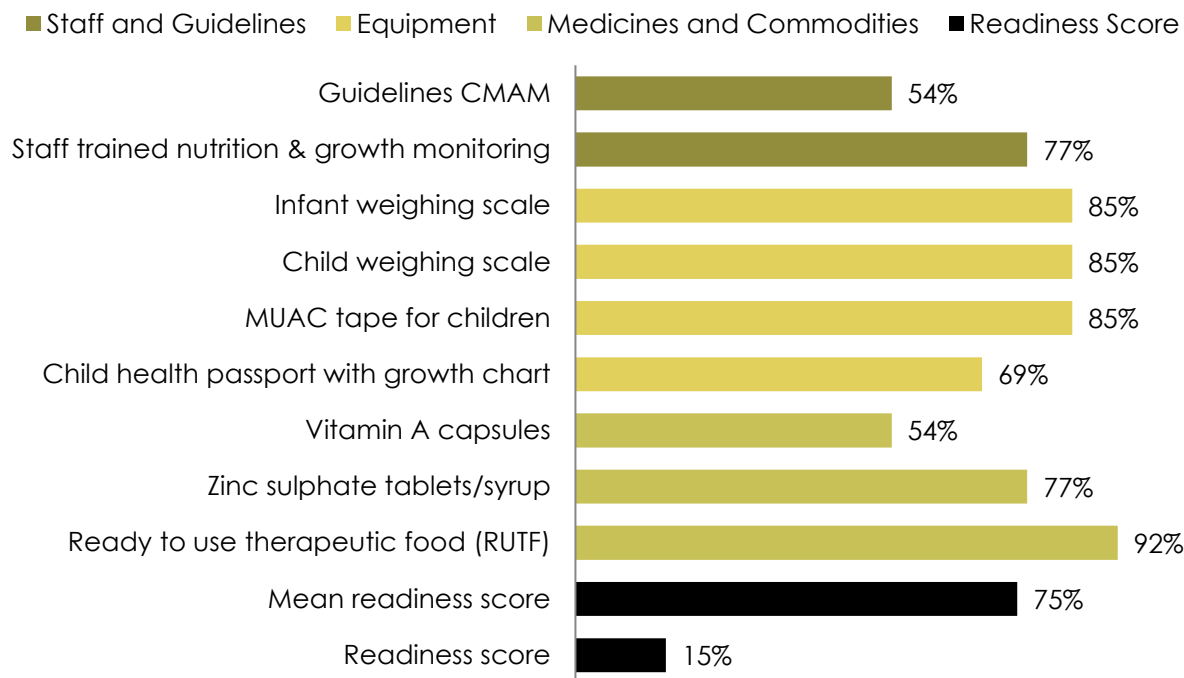
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N = National Average, D = District Average

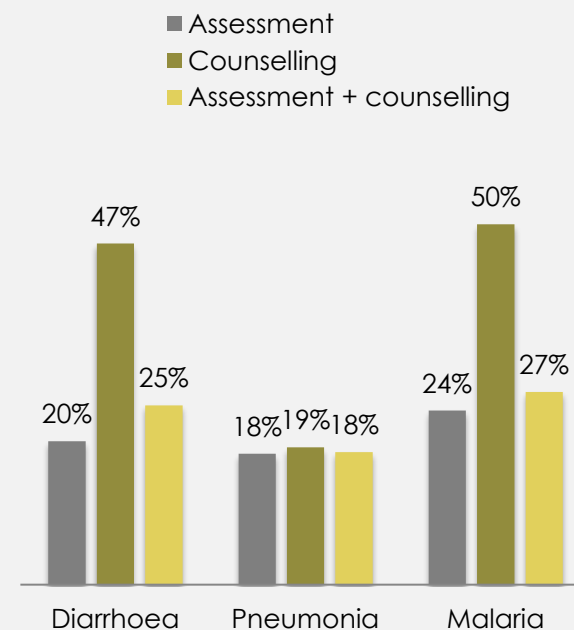
### Percentage of facilities that offer child nutrition services



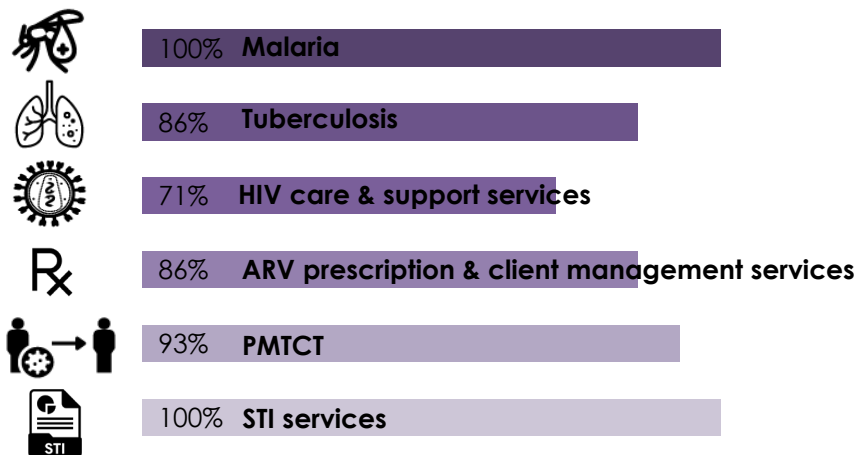
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

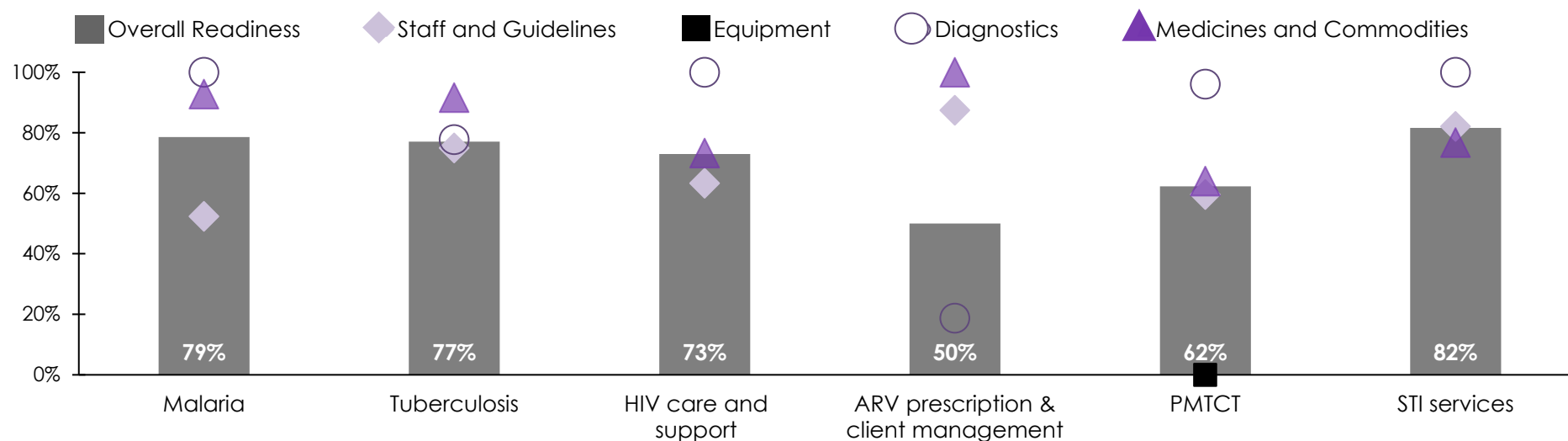


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Zidovudine syrup	17%	0%
IV treatment fungal infections	12%	10%
Full blood count	16%	17%
Renal function test	8%	17%
Liver function test	8%	17%
Guidelines for palliative care	39%	20%
CD4 count or viral load test	8%	25%
Staff trained IPT	25%	29%
Staff trained infant and young child feeding	51%	31%

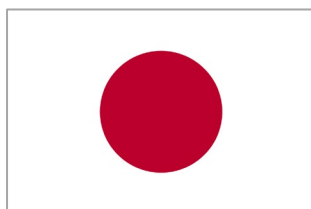
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N = National Average, D = District Average

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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

### District Overview



### Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 9.8 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 48.28**



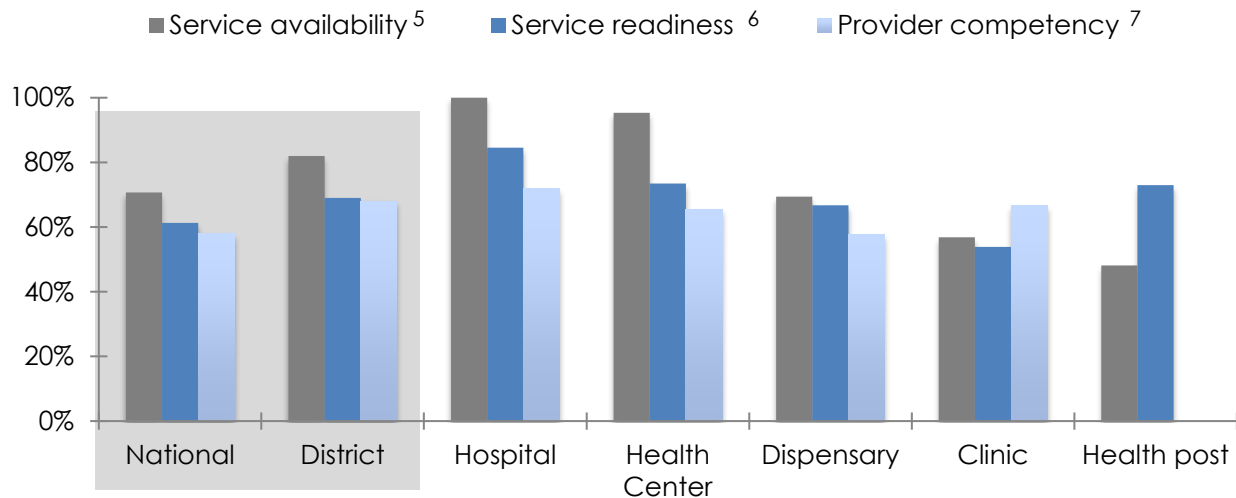
**Absenteeism** <sup>4</sup>

**N: 18%**

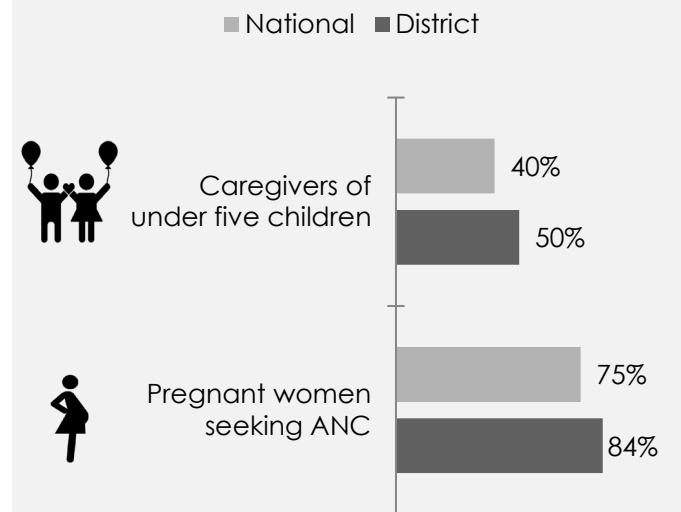
**D: 8%**



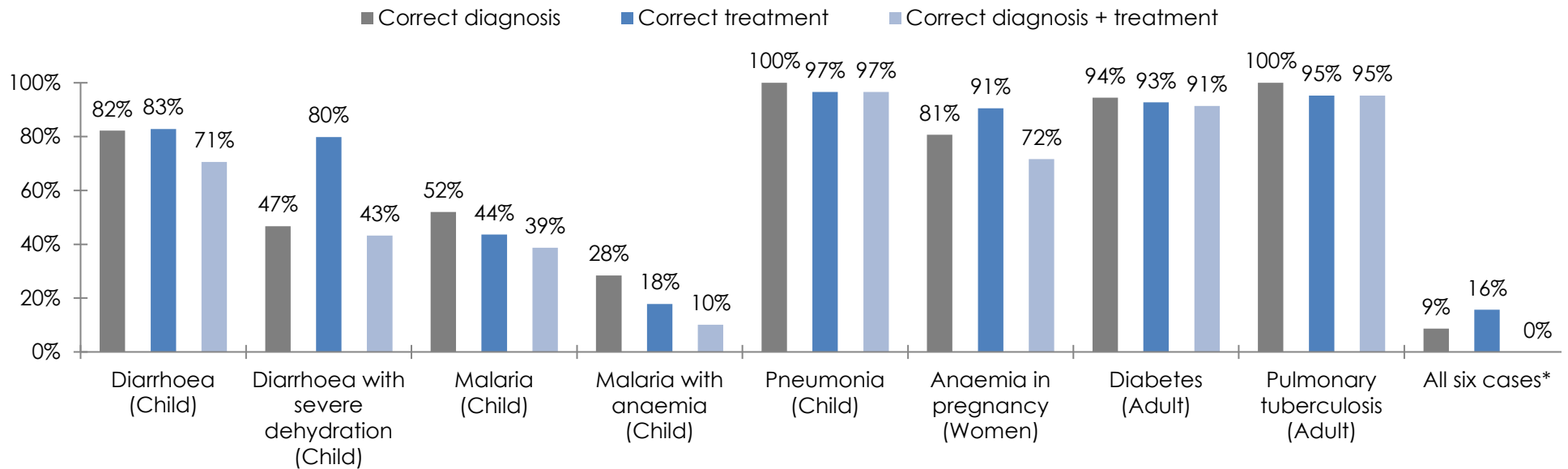
### Overall Performance for Delivering the Essential Health Package



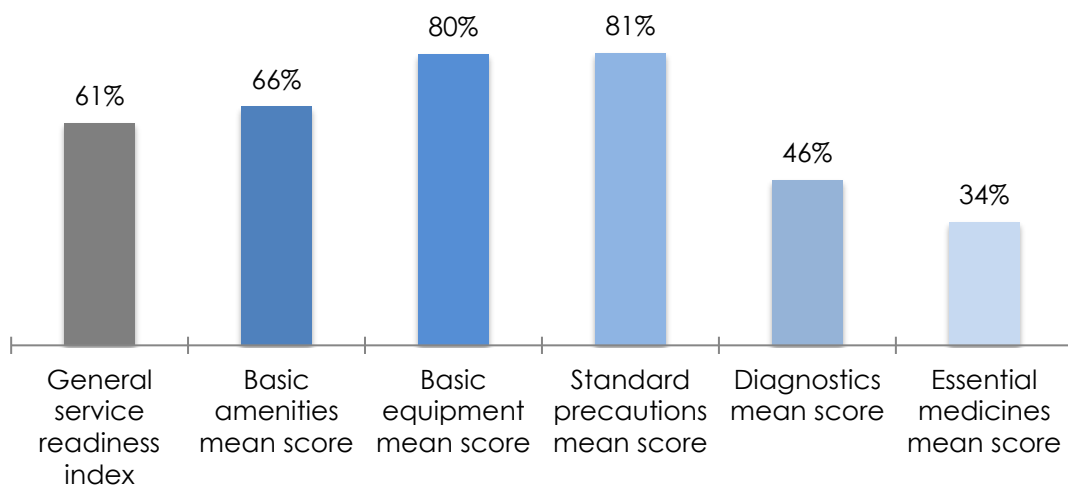
### Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



## Least Available Infrastructure Items

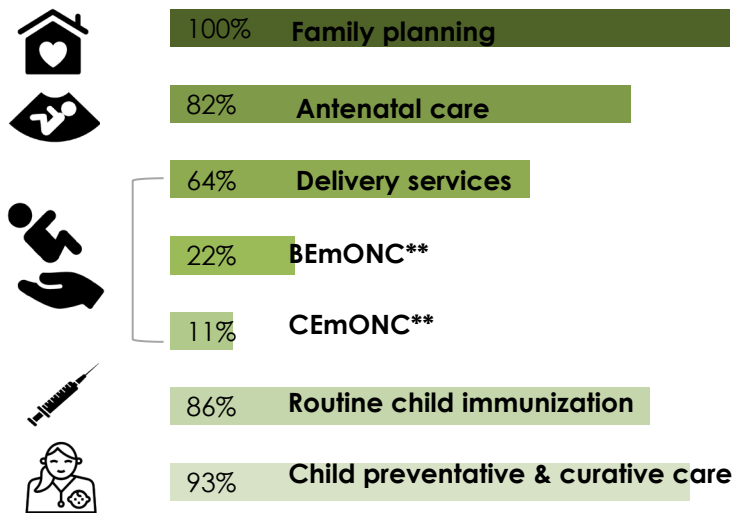
Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	4%
Beclomethasone inhaler	13%	4%
Enalapril tablet / ACE inhibitor	25%	4%
Fluoxetine tablet	2%	7%
Carbamazepine tablet	5%	7%
Diazepam injectable	6%	7%
Insulin regular injection	11%	7%
Simvastatin tablet / other statin	10%	11%
Urine dipstick - glucose	22%	11%
Computer with internet	21%	14%

\*All six cases excludes simple diarrhoea and simple malaria.



### Percentage Availability of MNCH Services

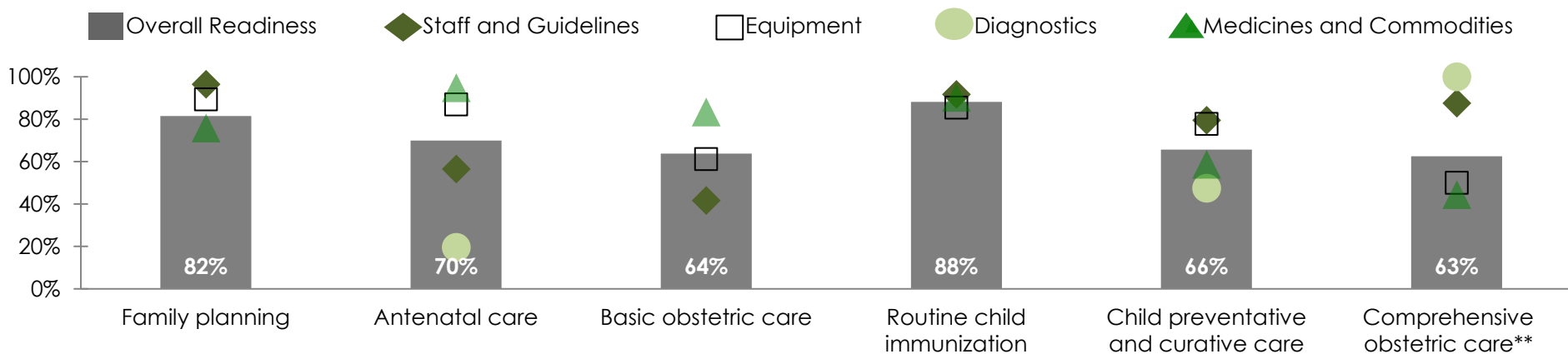


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Blood supply sufficiency	47%	0%
Thiopental powder	47%	0%
Co-trimoxazole suspension	30%	15%
Urine dipstick - protein	26%	17%
General microscopy/wet mounts	22%	19%
Haemoglobin - ANC	18%	22%
Vacuum aspirator or D&C kit	37%	22%
Staff trained essential childbirth care	40%	22%
Haemoglobin - child health	14%	23%
Manual vacuum extractor	47%	28%

### Readiness\* to Provide MNCH Services



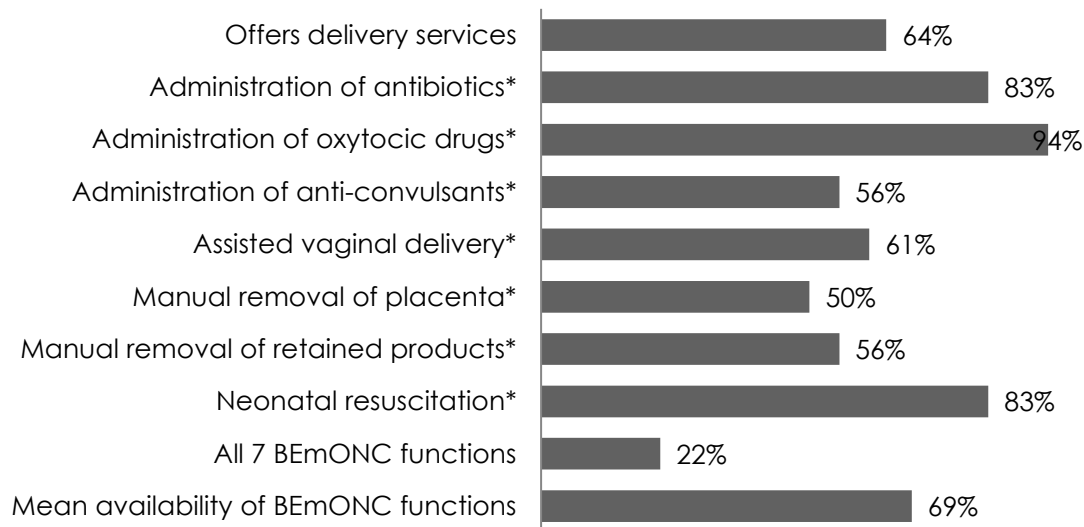
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

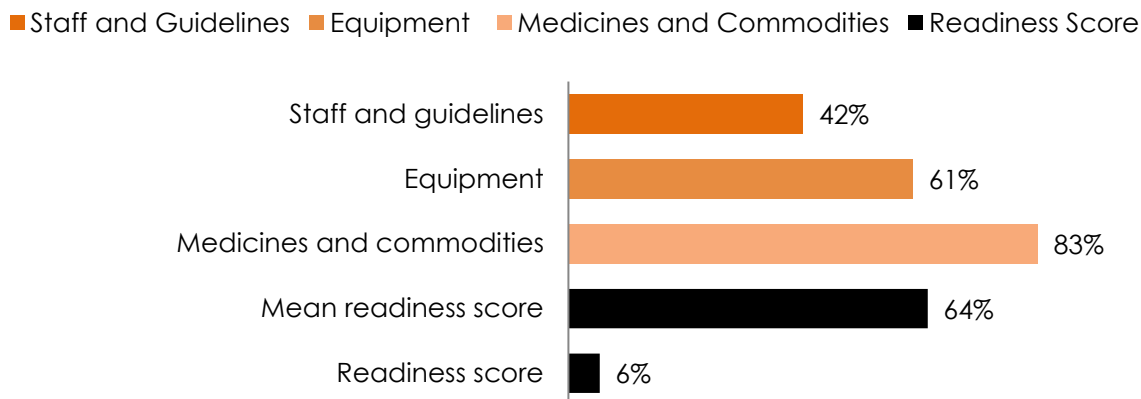
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

N = National Average, D = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



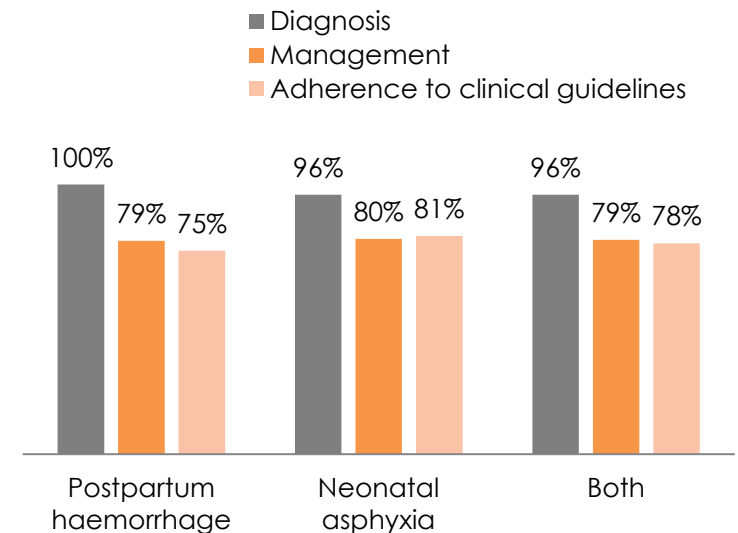
### Percentage of facilities with delivery items among facilities that provide delivery services



\* BEmONC signal function

Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Provider competency on maternal and neonatal complications



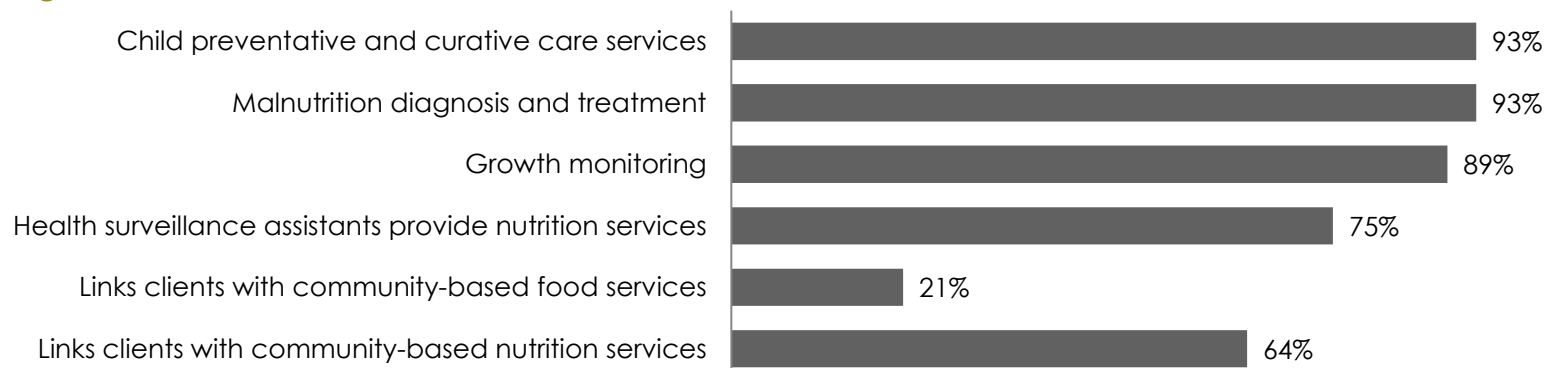
### Least Available Delivery Readiness Items

Percent of facilities with:

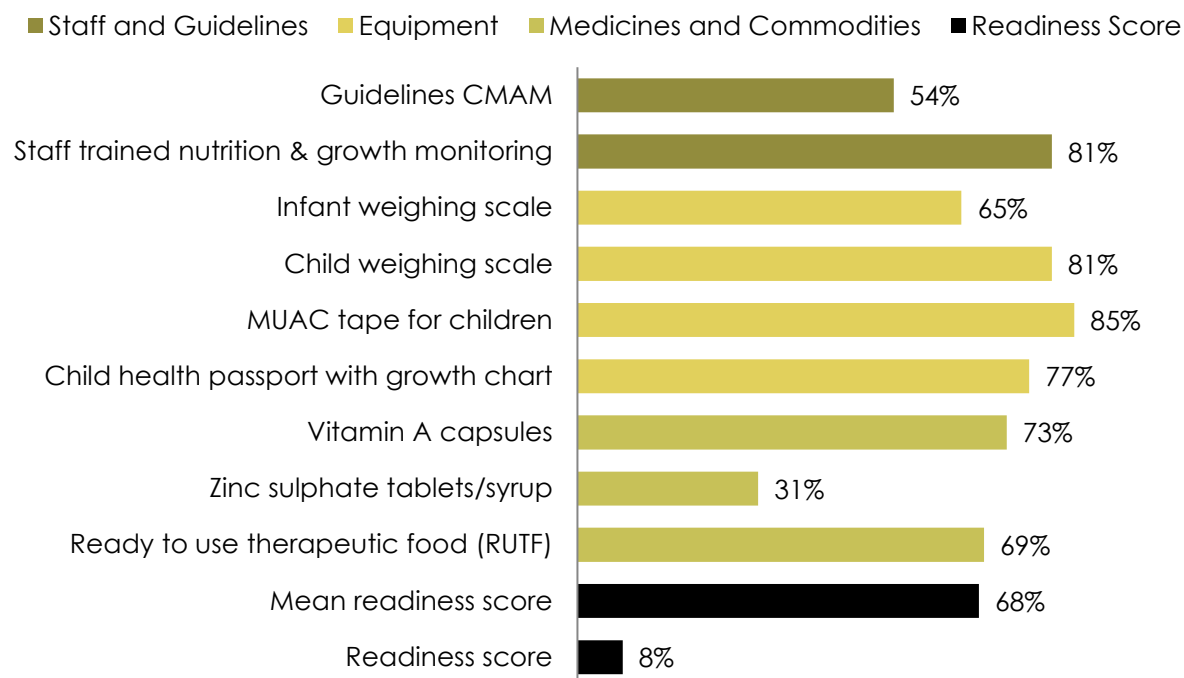
Item	N	D
Vacuum aspirator or D&C kit	37%	22%
Staff trained essential childbirth care	40%	22%
Manual vacuum extractor	47%	28%
Sterilization equipment	47%	28%
Staff trained newborn resuscitation	63%	44%
Check-lists / job-aids essential childbirth care	64%	44%
Examination light	58%	44%
Guidelines essential childbirth care	61%	56%

**N** = National Average, **D** = District Average

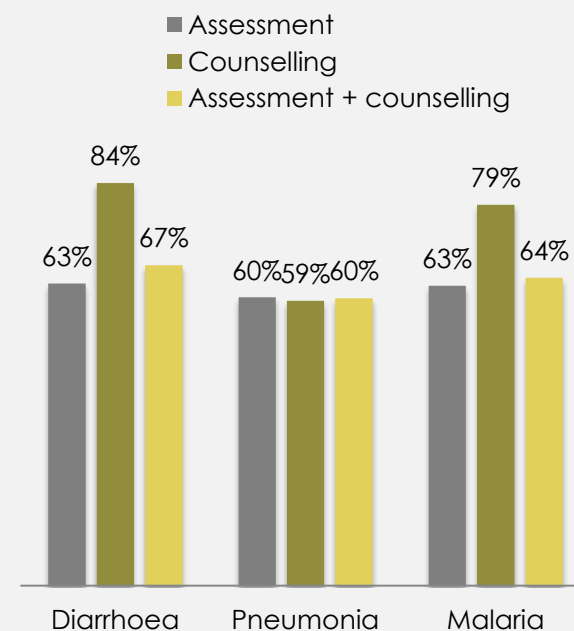
### Percentage of facilities that offer child nutrition services



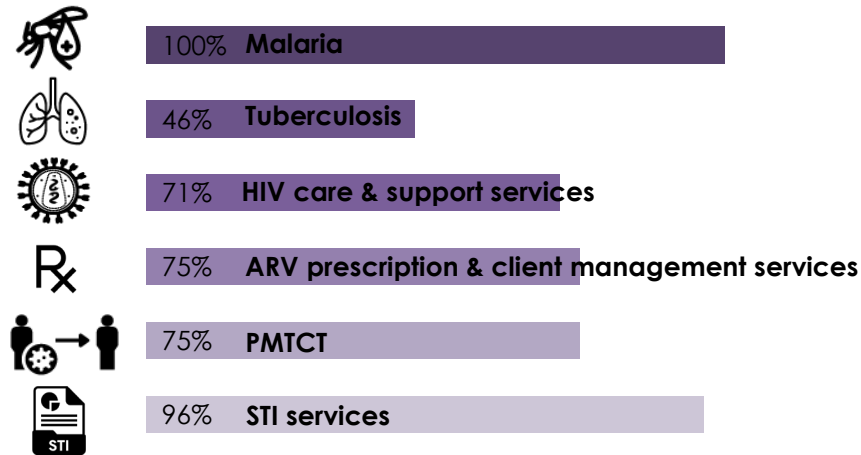
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

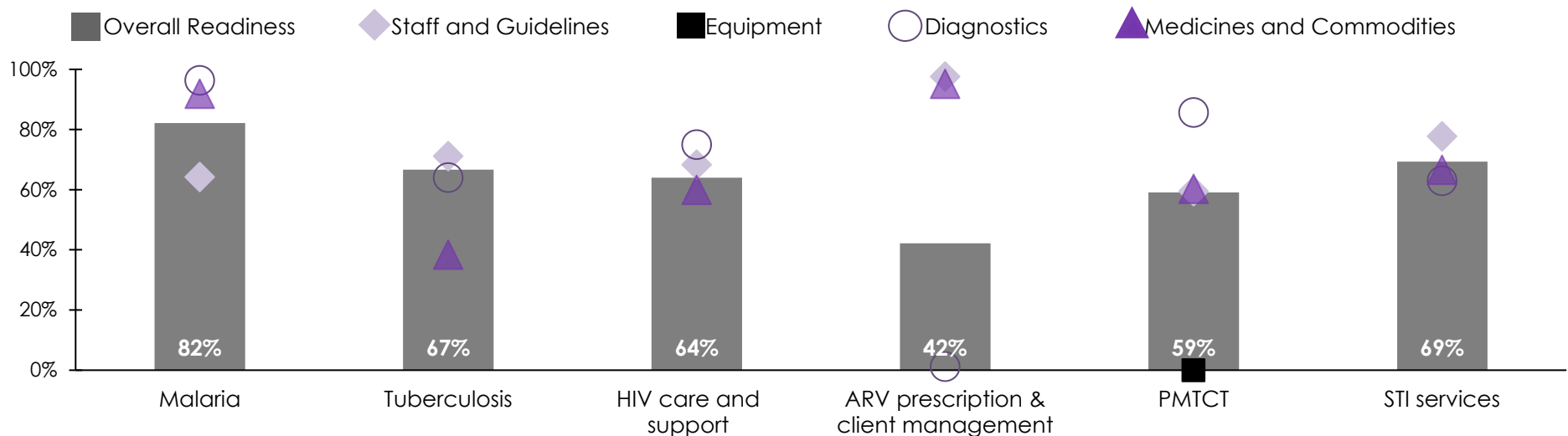


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
CD4 count or viral load test	8%	0%
IV treatment fungal infections	12%	0%
Renal function test	8%	0%
Liver function test	8%	0%
Full blood count	16%	5%
Zidovudine syrup	17%	14%
TB microscopy	32%	23%
First line TB medications	39%	25%
Guidelines for palliative care	39%	30%

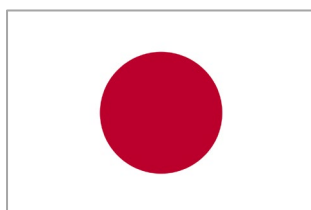
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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

### District Overview



### Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 12 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 49.79**



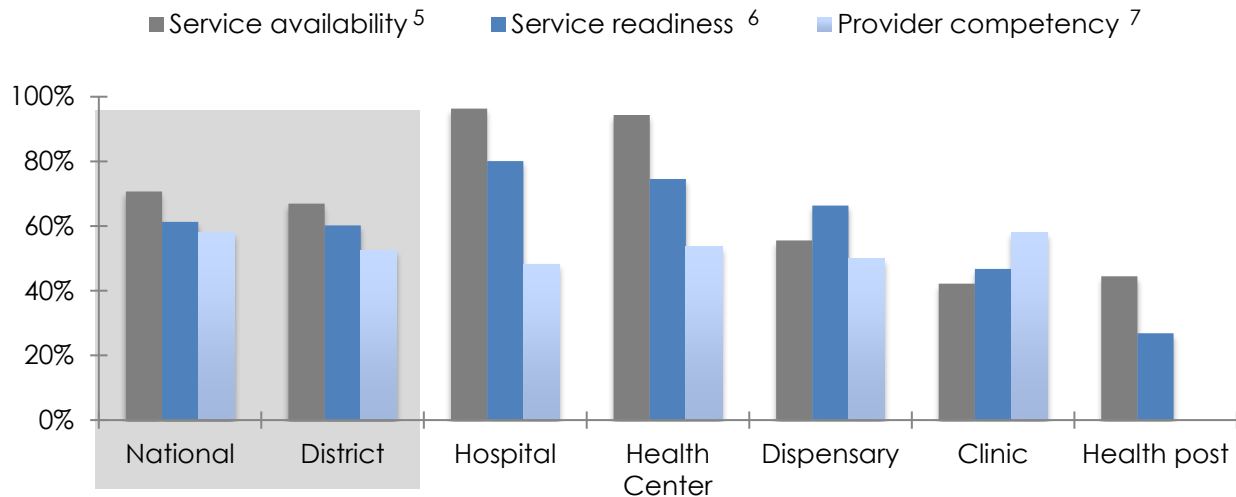
**Absenteeism** <sup>4</sup>

**N: 18%**

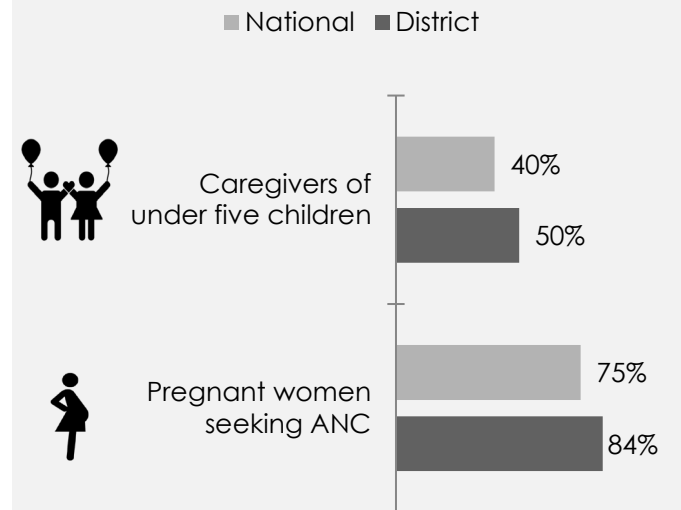
**D: 5%**



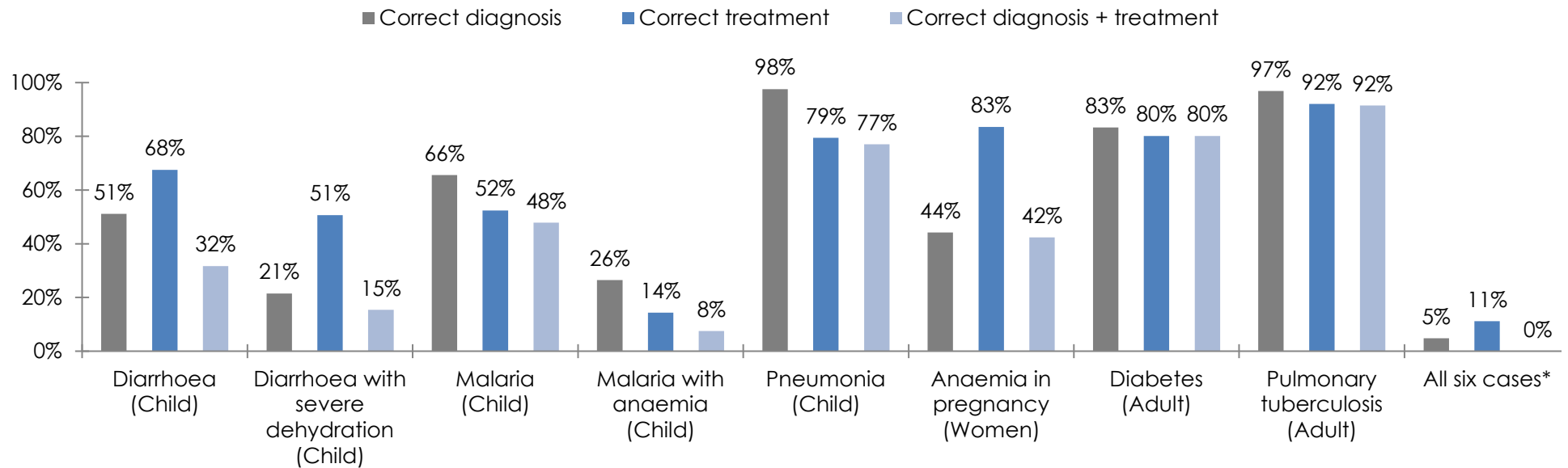
### Overall Performance for Delivering the Essential Health Package



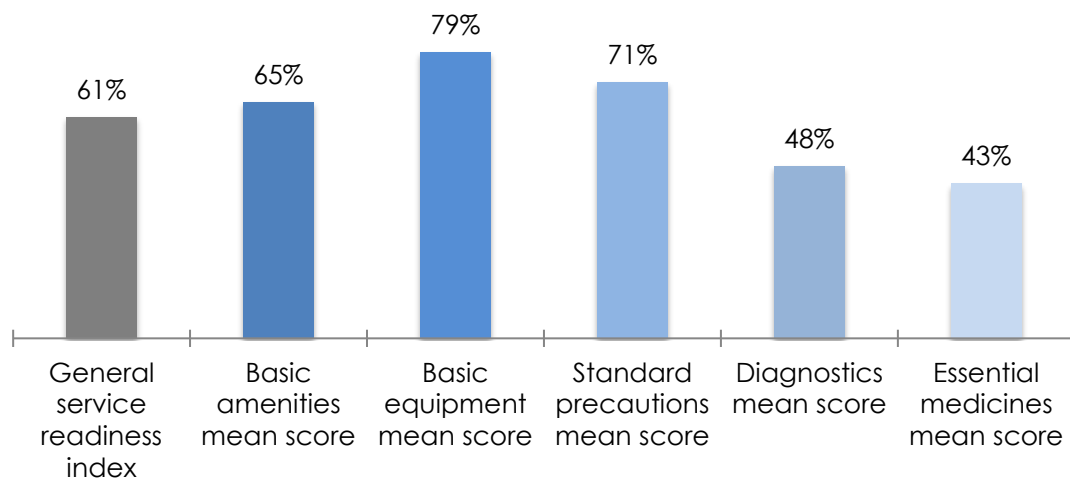
### Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



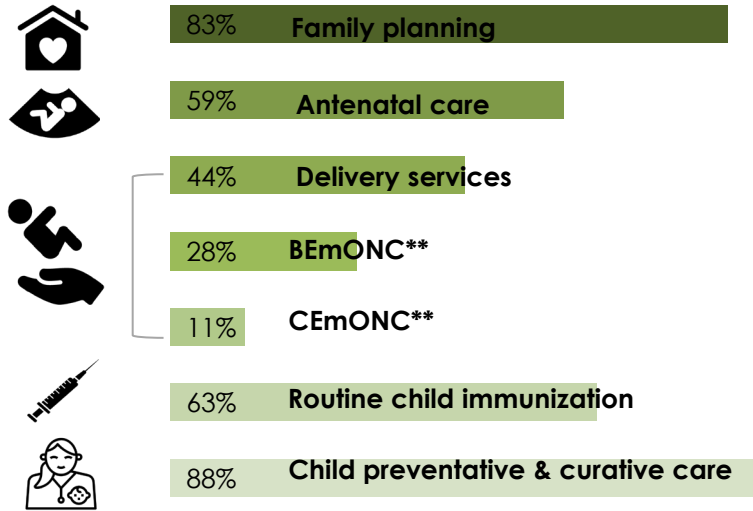
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	5%
Carbamazepine tablet	5%	5%
Diazepam injectable	6%	5%
Haemoglobin	14%	5%
Simvastatin tablet / other statin	10%	7%
Insulin regular injection	11%	10%
Beclomethasone inhaler	13%	10%
Urine dipstick - glucose	22%	12%
Amlodipine tablet	24%	15%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

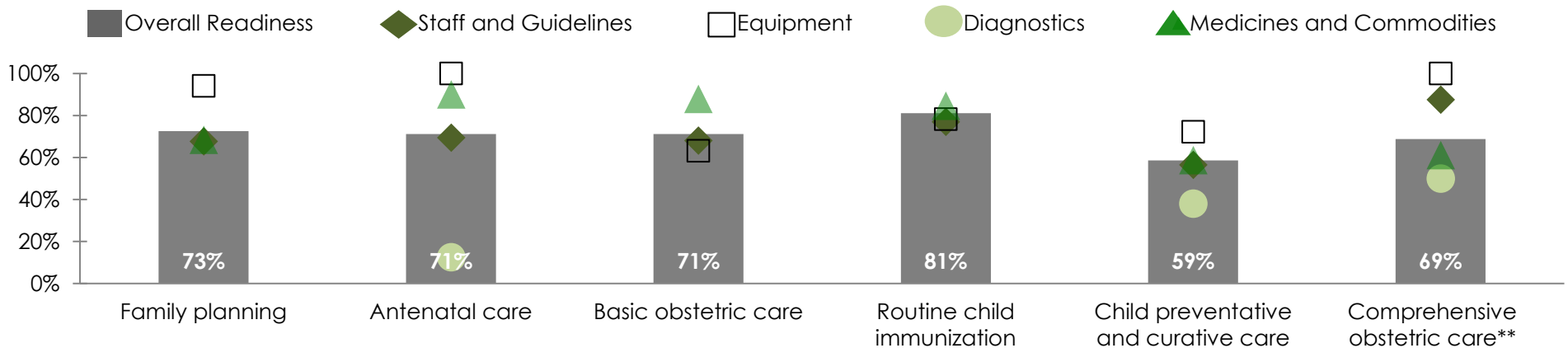


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Suxamethonium bromide powder	39%	0%
Epinephrine injectable	54%	0%
Haemoglobin - child health	14%	6%
Haemoglobin - ANC	18%	8%
Vacuum aspirator or D&C kit	37%	11%
General microscopy/wet mounts	22%	14%
Urine dipstick - protein	26%	17%
Manual vacuum extractor	47%	17%
Vitamin A capsules	47%	39%
Delivery bed	55%	44%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

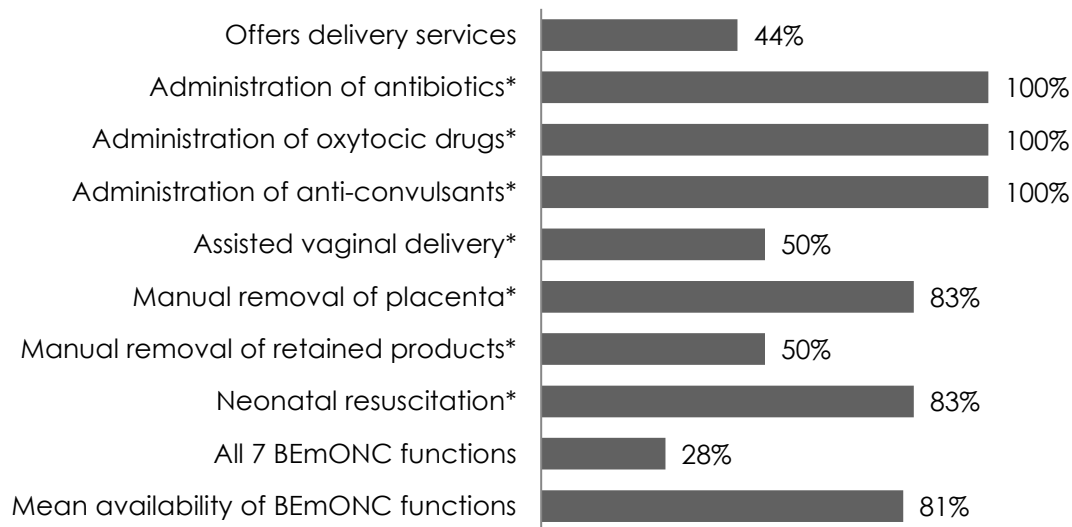
\*\* Only includes facilities offering delivery services

BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

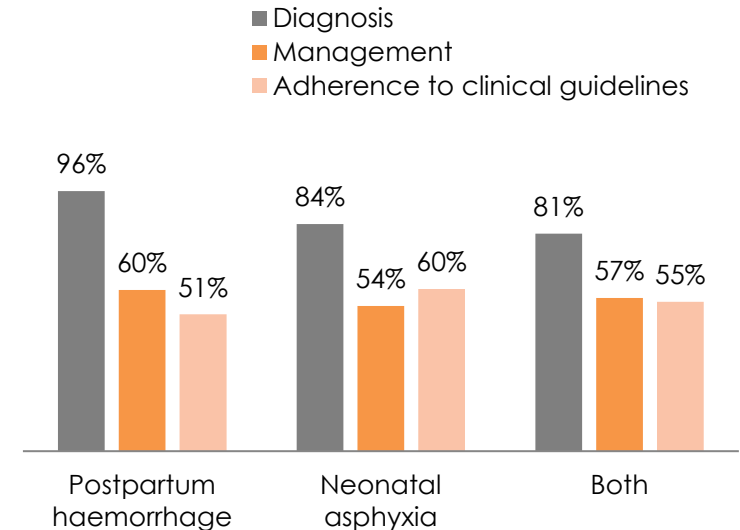
N = National Average, D = District Average



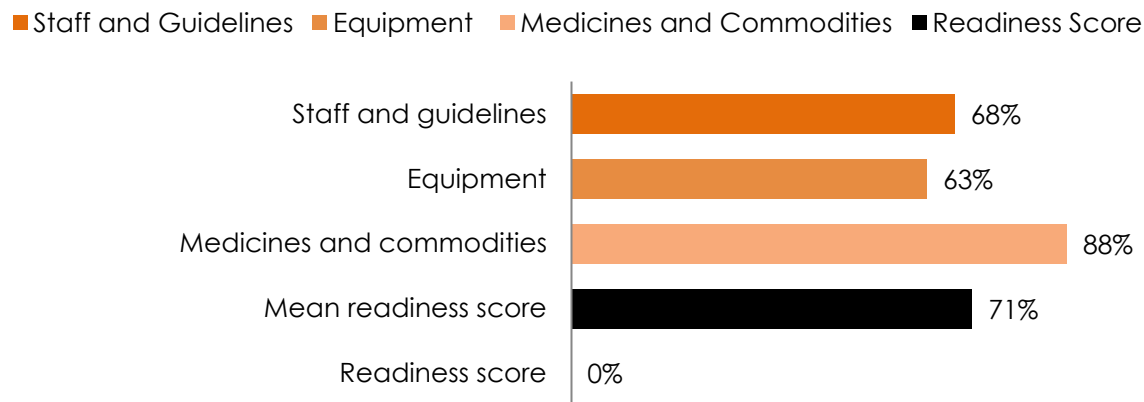
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

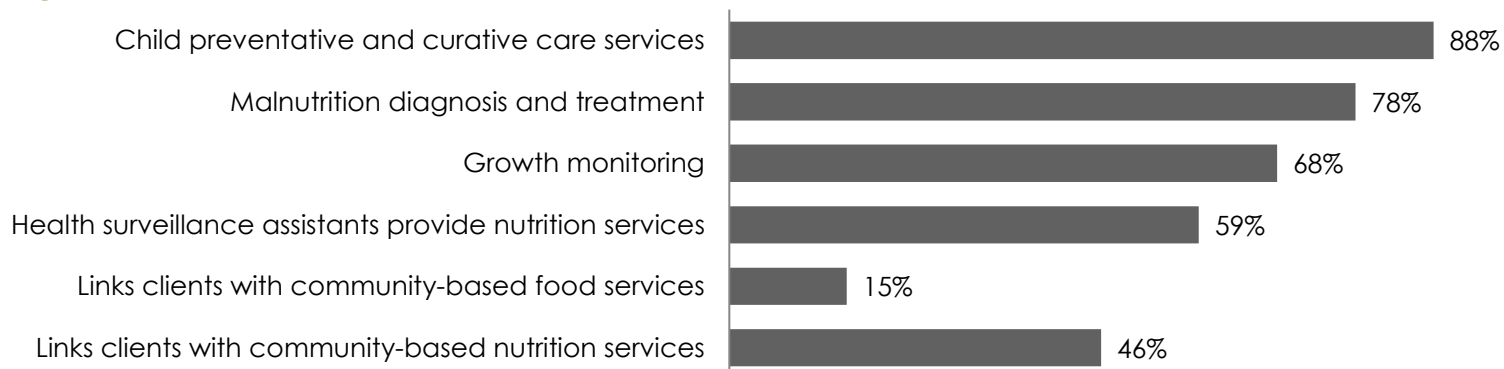
Item	N	D
Vacuum aspirator or D&C kit	37%	11%
Manual vacuum extractor	47%	17%
Delivery bed	55%	44%
Sterilization equipment	47%	50%
Staff trained essential childbirth care	40%	56%
Intravenous solution with infusion set	62%	56%
Staff trained newborn resuscitation	63%	61%
Soap and water / alcohol based hand rub	71%	61%

\* BEmONC signal function

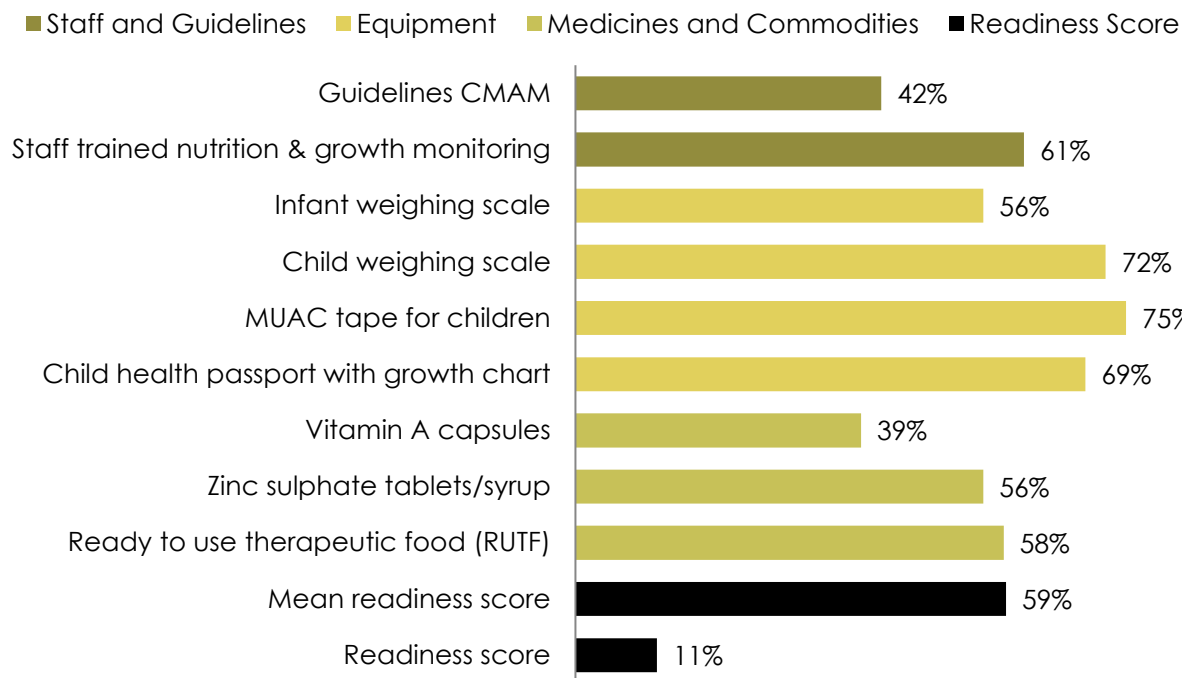
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N= National Average, D = District Average

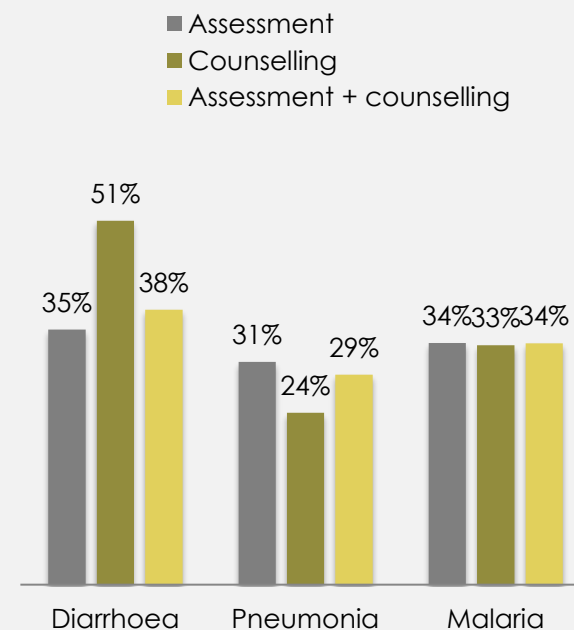
### Percentage of facilities that offer child nutrition services



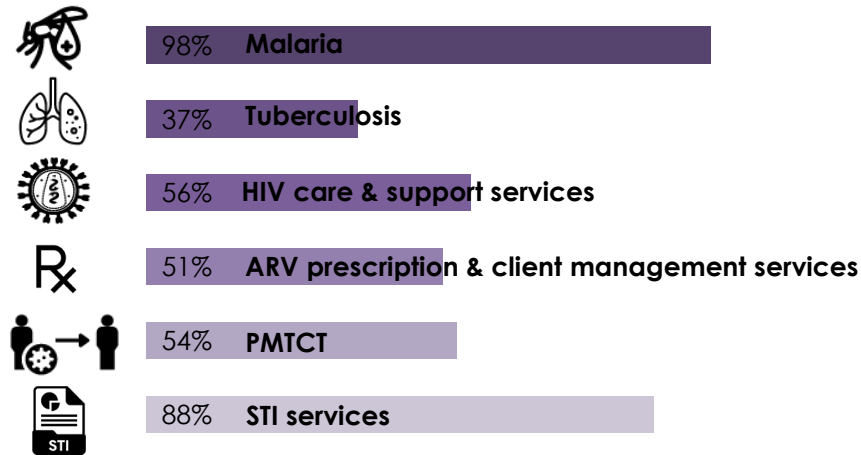
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

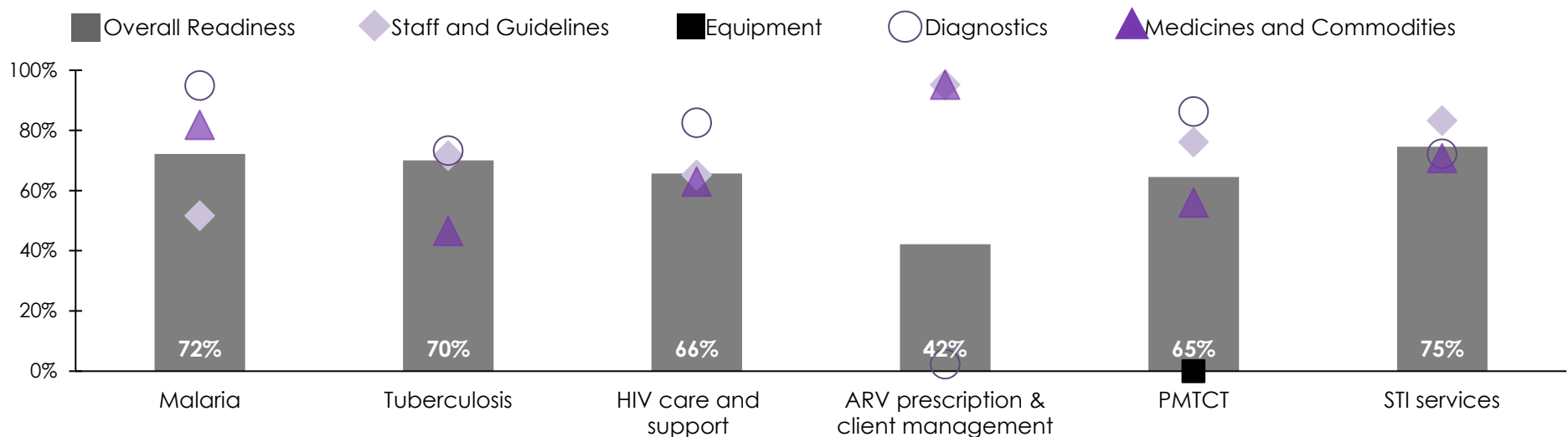


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
CD4 count or viral load test	8%	0%
Renal function test	8%	0%
Liver function test	8%	0%
Full blood count	16%	10%
Zidovudine syrup	17%	14%
IV treatment fungal infections	12%	17%
First line TB medications	39%	26%
TB microscopy	32%	27%
Staff trained IPT	25%	30%

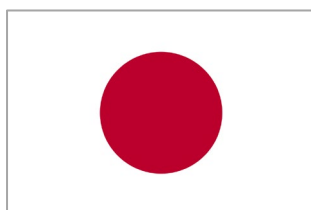
### Readiness\* to Provide Communicable Disease Services



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<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

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<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 11 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 39.41**



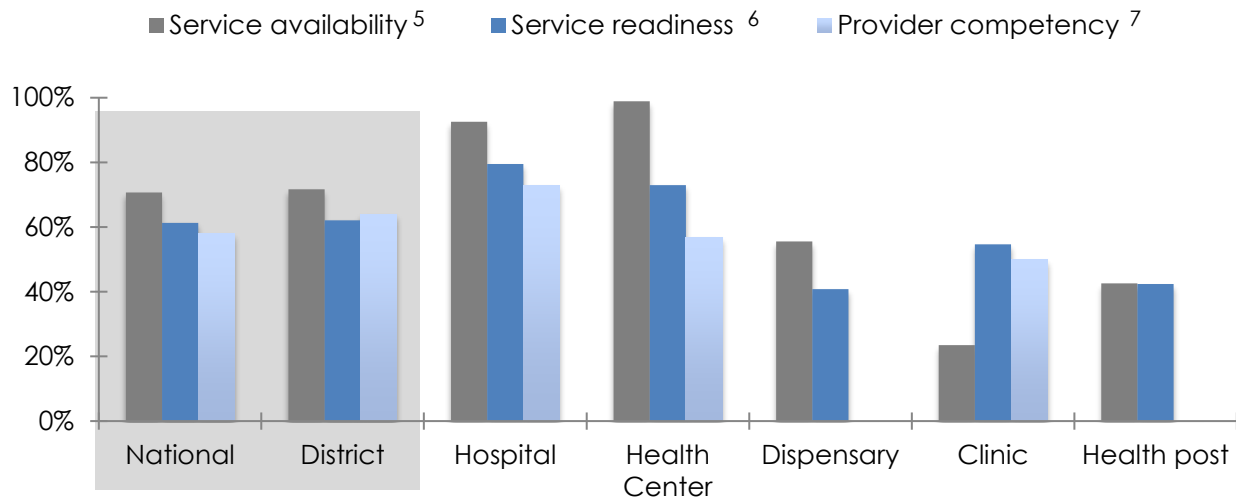
**Absenteeism** <sup>4</sup>

**N: 18%**

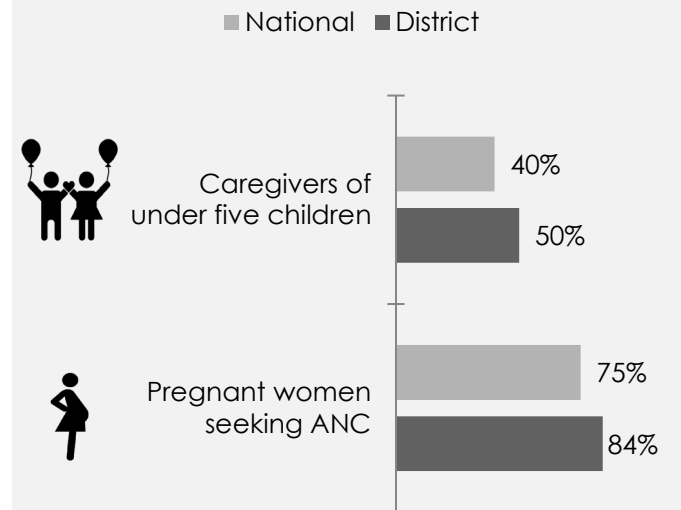
**D: 21%**



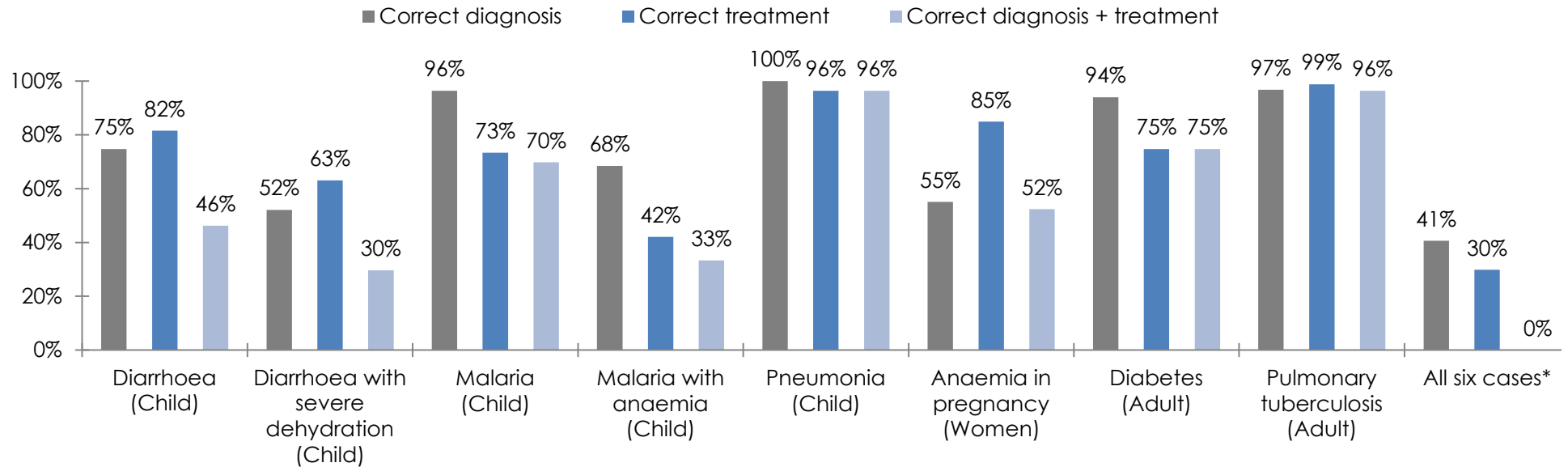
## Overall Performance for Delivering the Essential Health Package



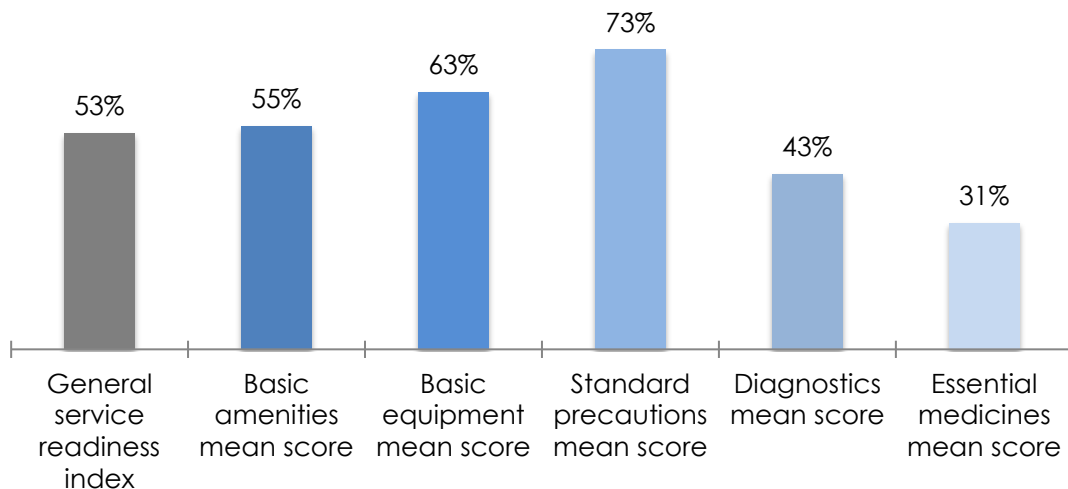
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



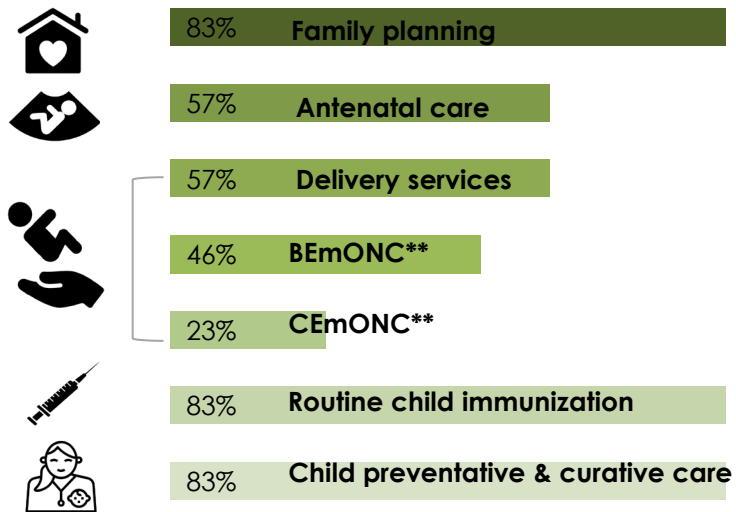
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Simvastatin tablet / other statin	10%	0%
Haloperidol tablet	3%	4%
Beclomethasone inhaler	13%	4%
Carbamazepine tablet	5%	4%
Diazepam injectable	6%	9%
Haemoglobin	14%	9%
Insulin regular injection	11%	9%
Amlodipine tablet	24%	9%
Computer with internet	21%	13%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

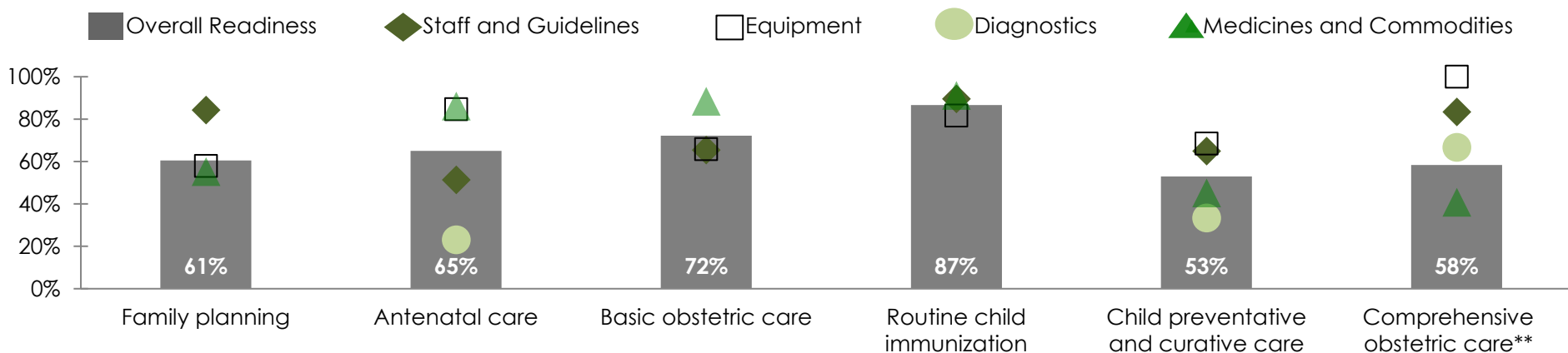


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Thiopental powder	47%	0%
Suxamethonium bromide powder	39%	0%
Haemoglobin - child health	14%	11%
Co-trimoxazole suspension	30%	11%
Haemoglobin - ANC	18%	15%
Staff trained ANC	42%	15%
General microscopy/wet mounts	22%	16%
Paracetamol syrup/suspension	54%	26%
Urine dipstick - protein	26%	31%
Epinephrine injectable	54%	33%

### Readiness\* to Provide MNCH Services



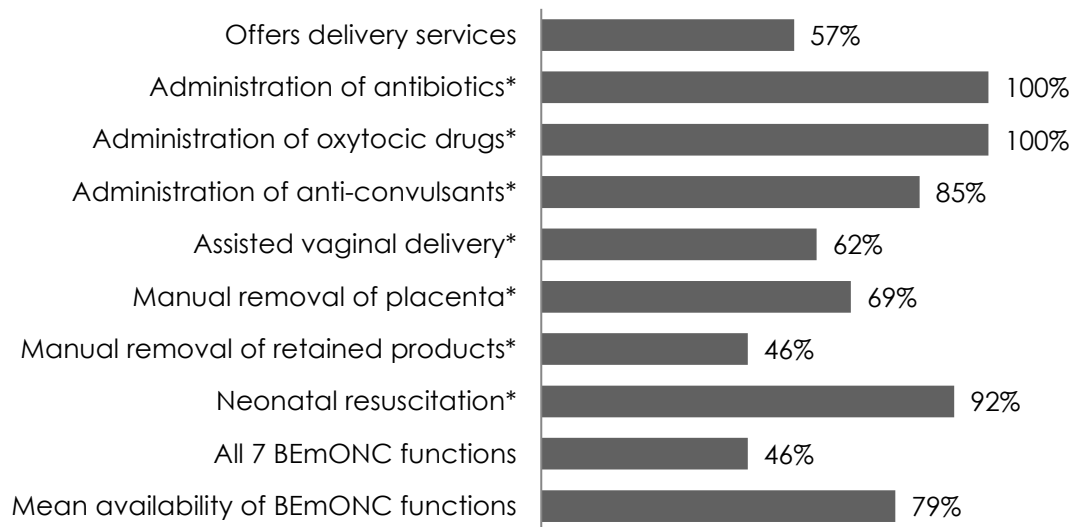
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\*\* Only includes facilities offering delivery services

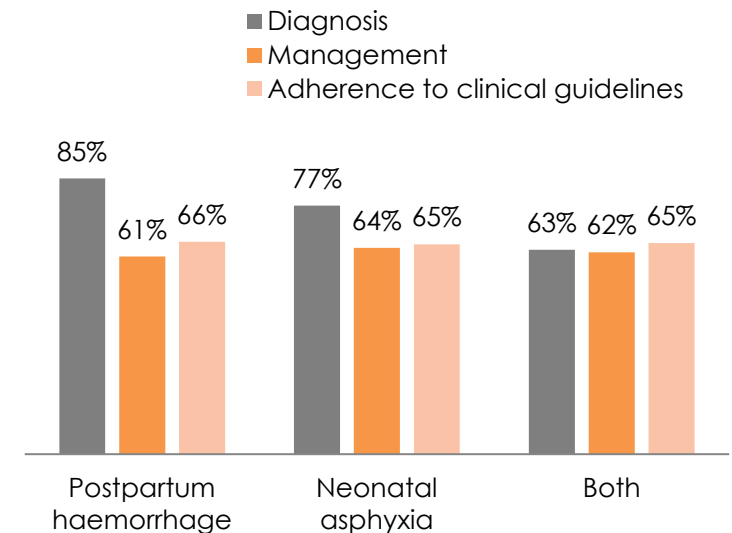
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

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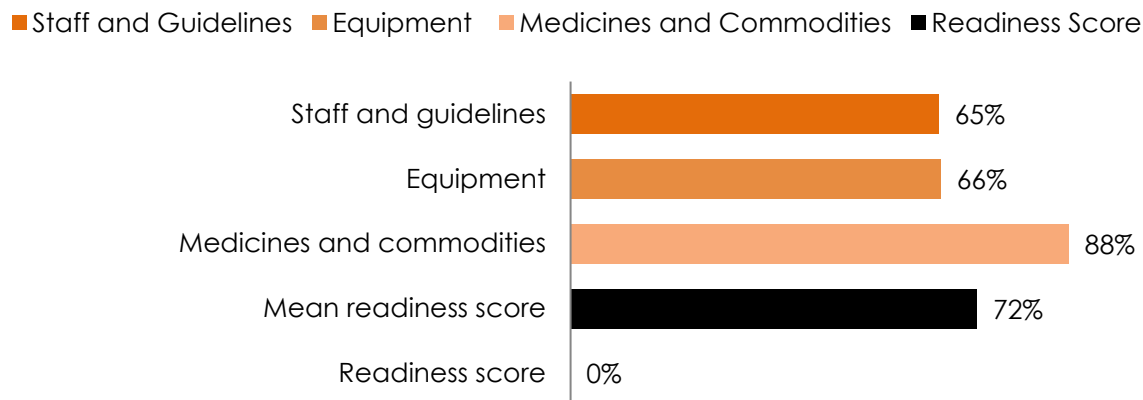
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

Item	N	D
Staff trained essential childbirth care	40%	38%
Delivery bed	55%	38%
Vacuum aspirator or D&C kit	37%	46%
Sterilization equipment	47%	46%
Examination light	58%	46%
Manual vacuum extractor	47%	54%
Intravenous solution with infusion set	62%	54%
Soap and water / alcohol based hand rub	71%	62%

\* BEmONC signal function

Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

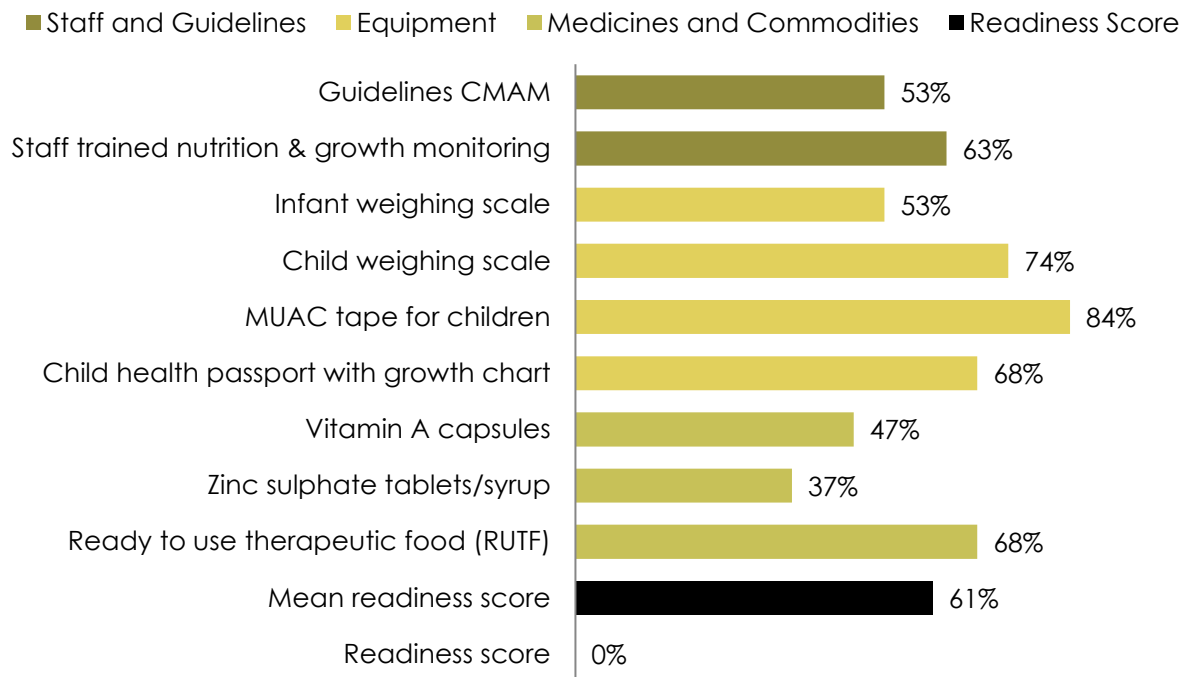
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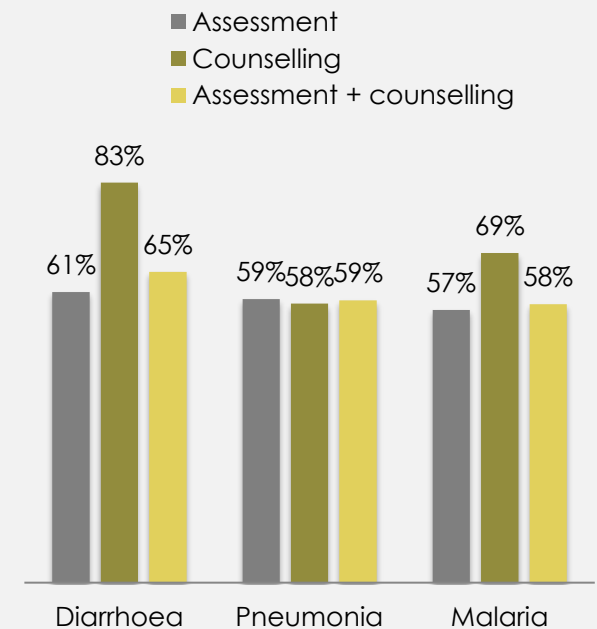
### Percentage of facilities that offer child nutrition services



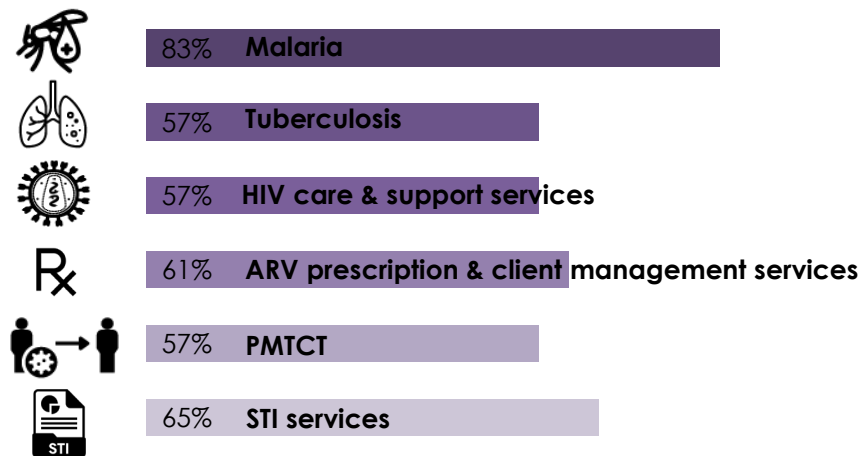
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

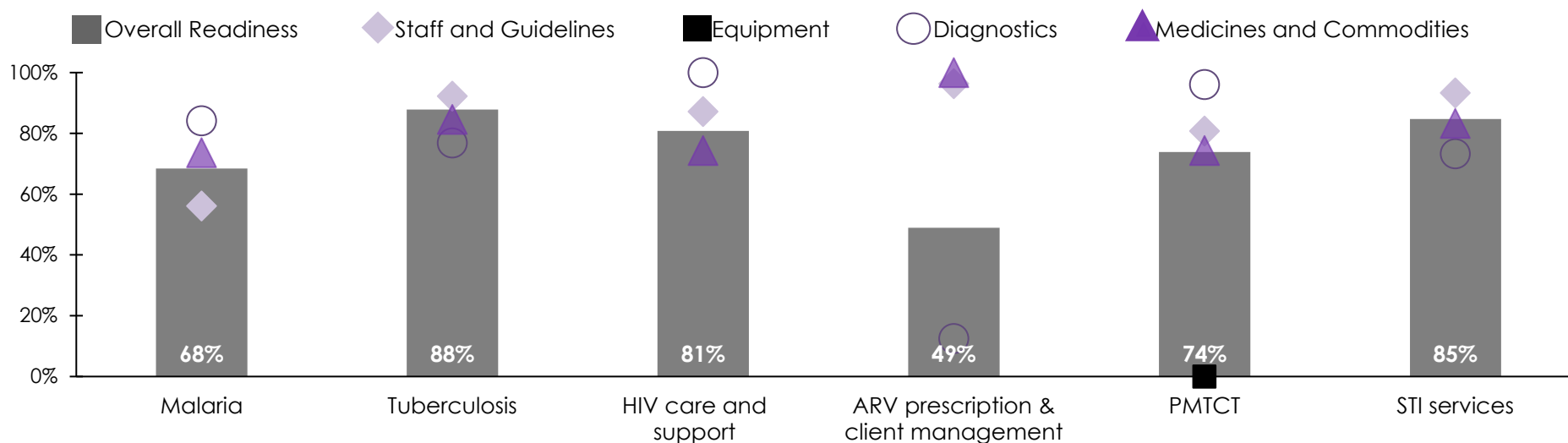


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Renal function test	8%	0%
Liver function test	8%	0%
IV treatment fungal infections	12%	15%
Full blood count	16%	21%
CD4 count or viral load test	8%	29%
TB microscopy	32%	31%
Staff trained IPT	25%	37%
Zidovudine syrup	17%	38%
Guidelines IPT	41%	42%

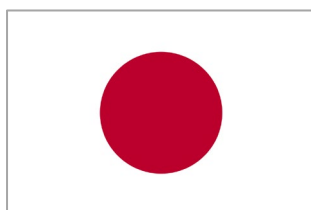
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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

### District Overview



### Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 9.3 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 35.07**



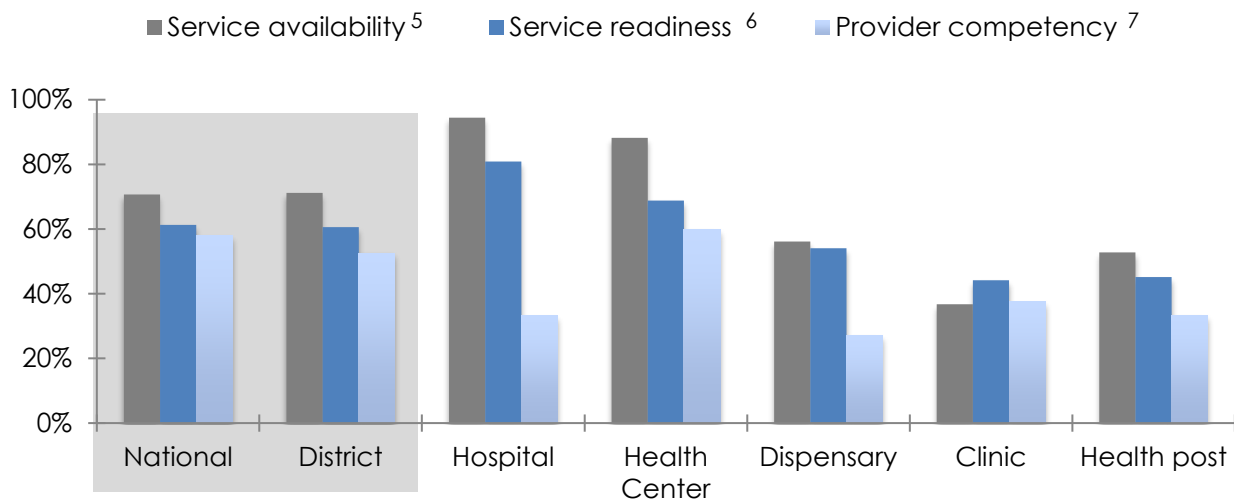
**Absenteeism** <sup>4</sup>

**N: 18%**

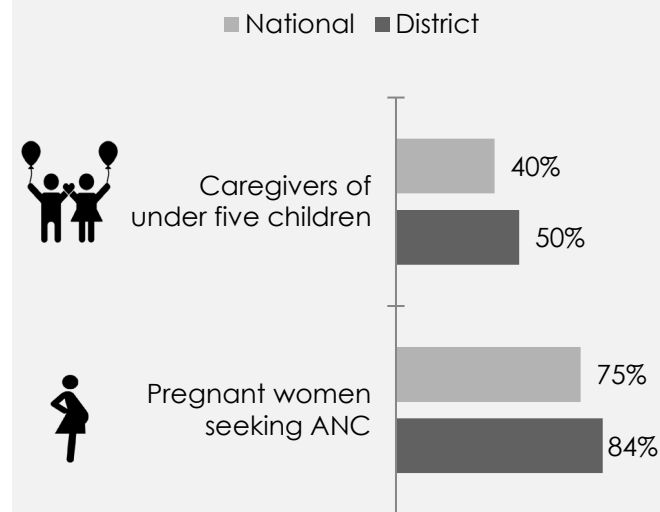
**D: 21%**



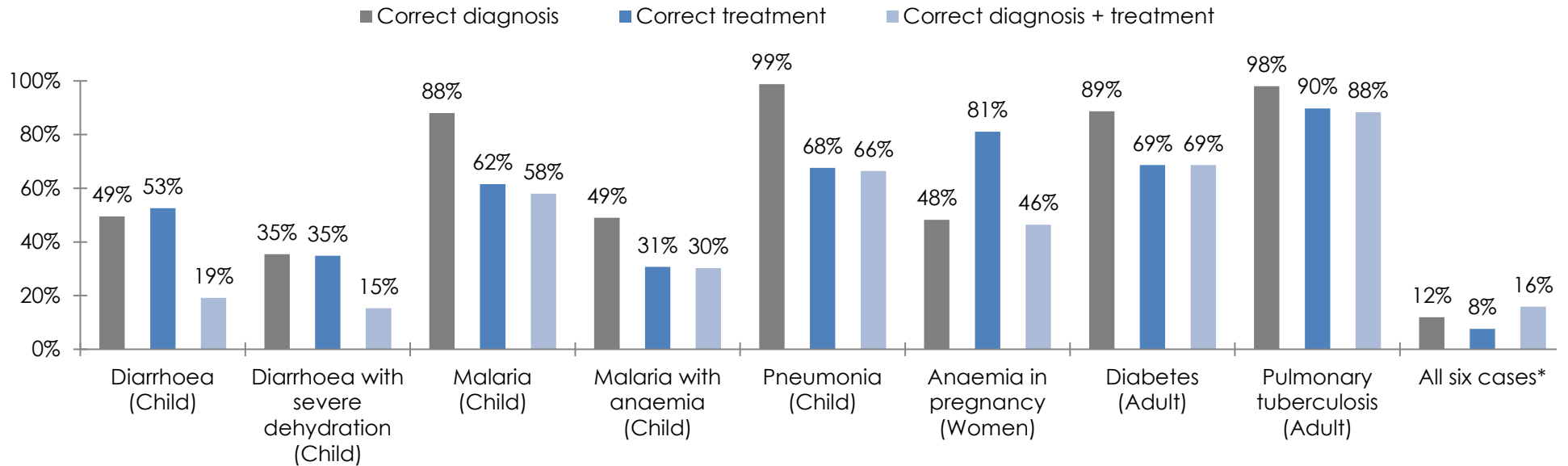
### Overall Performance for Delivering the Essential Health Package



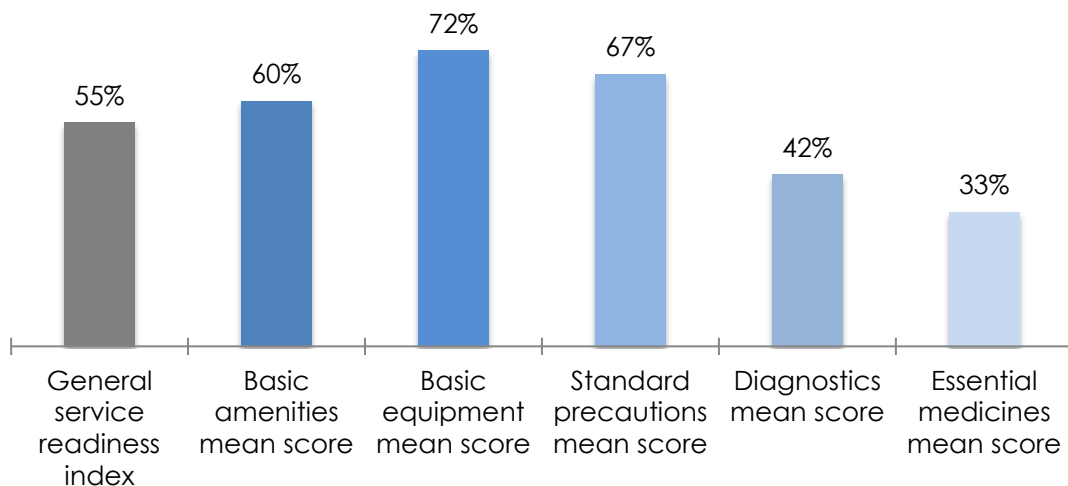
### Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



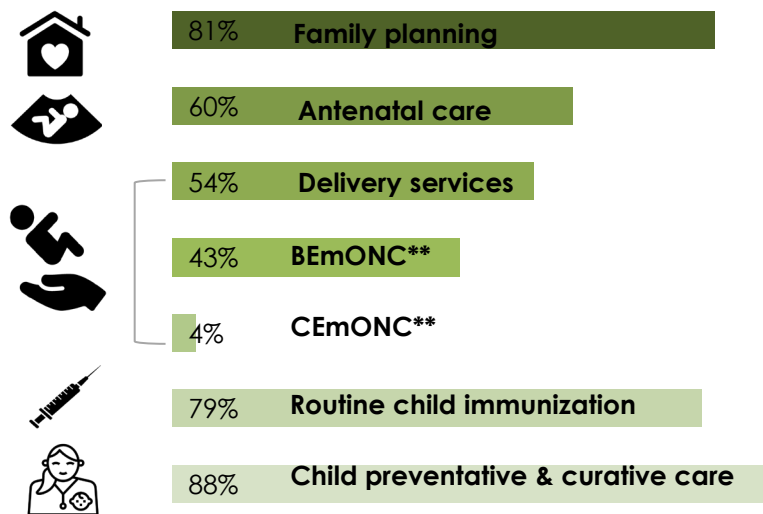
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	0%
Fluoxetine tablet	2%	0%
Simvastatin tablet / other statin	10%	2%
Carbamazepine tablet	5%	2%
Diazepam injectable	6%	2%
Insulin regular injection	11%	2%
Beclomethasone inhaler	13%	8%
Ampicillin powder for injection	15%	10%
Haemoglobin	14%	12%
Computer with internet	21%	12%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

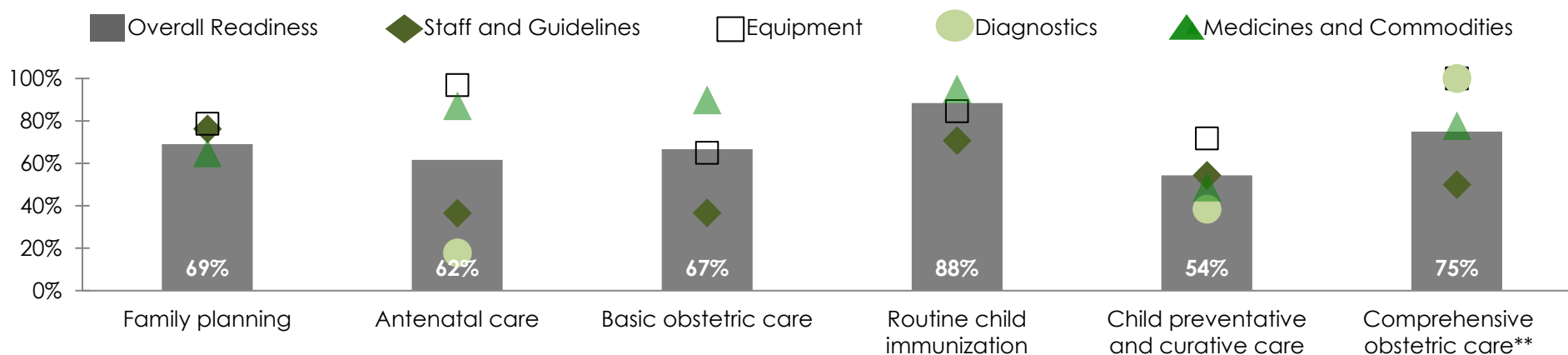


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Epinephrine injectable	54%	0%
Lidocaine 5%	53%	0%
Guidelines CEmOC	86%	0%
Staff trained CEmOC	66%	0%
Haemoglobin - child health	14%	11%
General microscopy/wet mounts	22%	11%
Staff trained essential childbirth care	40%	14%
Urine dipstick - protein	26%	16%
Haemoglobin - child health	18%	19%
Delivery bed	55%	21%

### Readiness\* to Provide MNCH Services



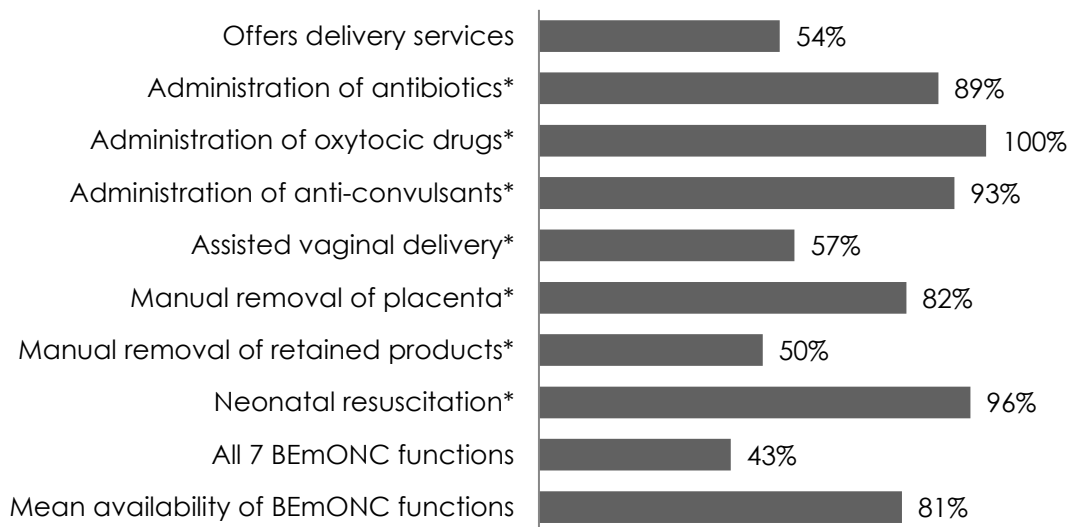
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\*\* Only includes facilities offering delivery services

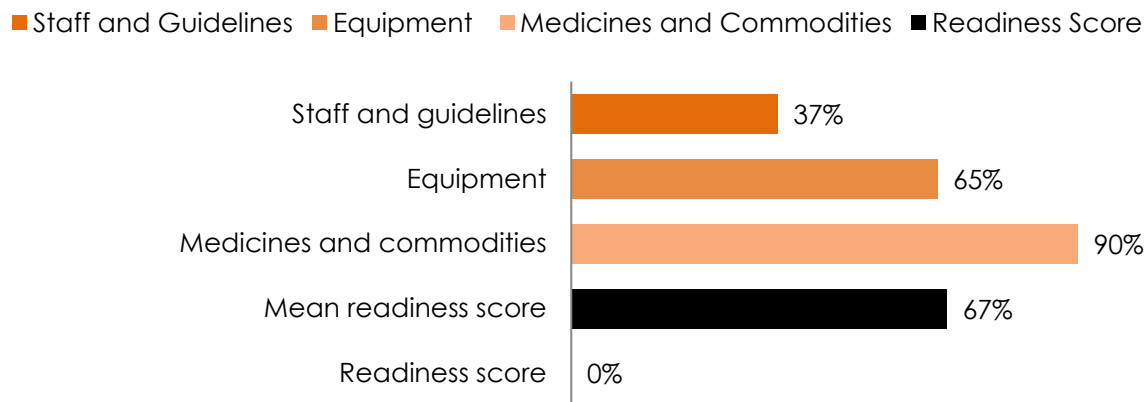
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**N** = National Average, **D** = District Average

### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



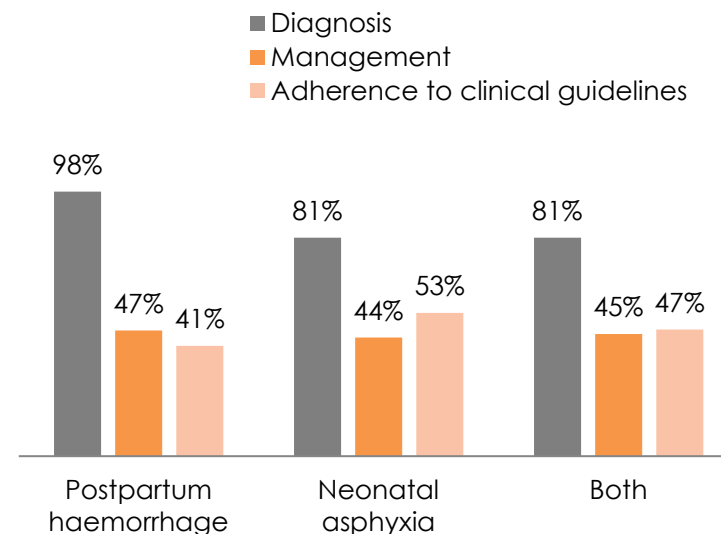
### Percentage of facilities with delivery items among facilities that provide delivery services



\* BEmONC signal function

Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Provider competency on maternal and neonatal complications



### Least Available Delivery Readiness Items

Percent of facilities with:

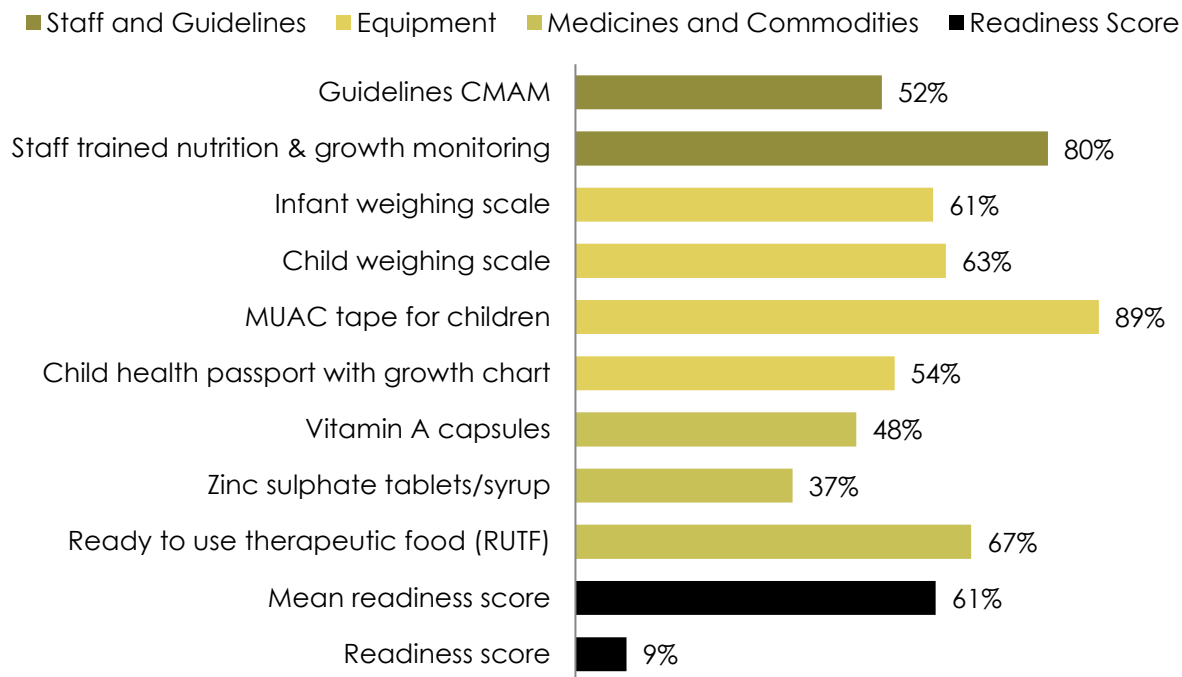
Item	N	D
Staff trained essential childbirth care	40%	14%
Delivery bed	55%	21%
Sterilization equipment	47%	29%
Guidelines essential childbirth care	61%	36%
Check-lists / job-aids essential childbirth care	64%	39%
Intravenous solution with infusion set	62%	50%
Manual vacuum extractor	47%	54%
Vacuum aspirator or D&C kit	37%	57%

N = National Average, D = District Average

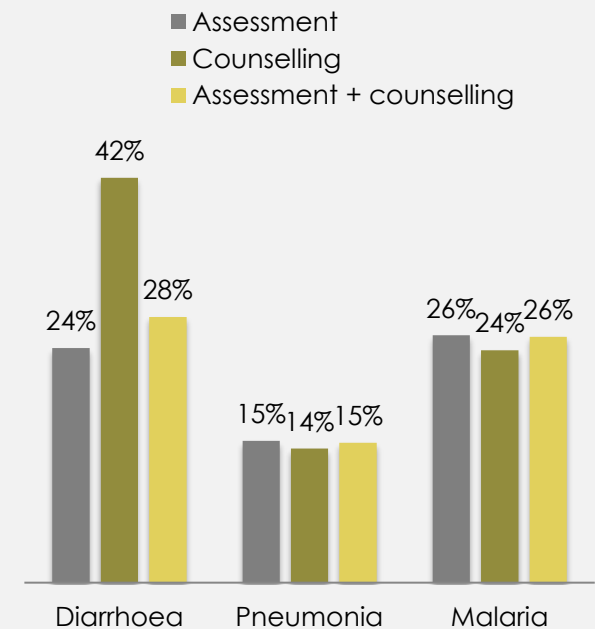
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

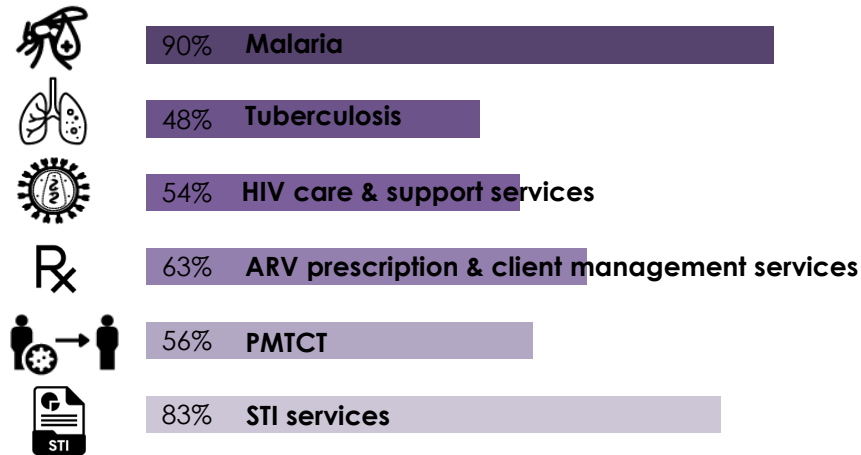


### Provider competency on assessment and counselling of nutrition for sick children





### Percentage Availability of Communicable Disease Services

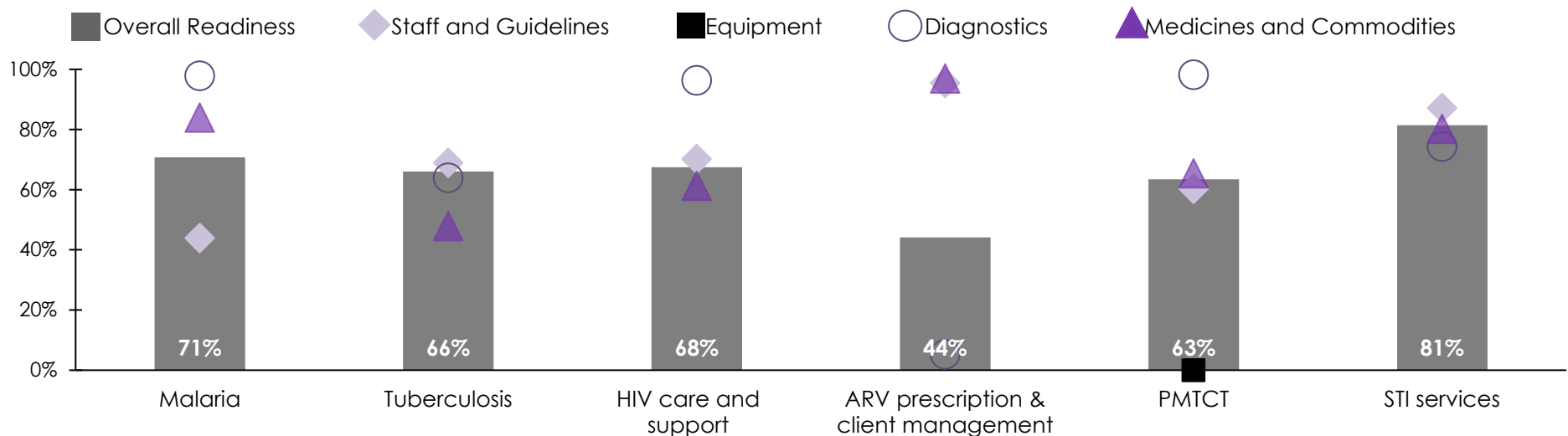


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
IV treatment fungal infections	12%	0%
CD4 count or viral load test	8%	3%
Renal function test	8%	3%
Liver function test	8%	3%
Zidovudine syrup	17%	3%
TB microscopy	32%	12%
Full blood count	16%	12%
Staff trained IPT	25%	21%
Guidelines for palliative care	39%	21%

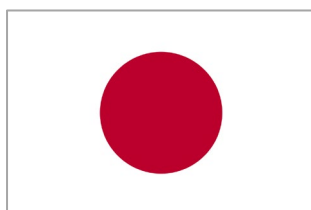
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<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 12 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 65.16**



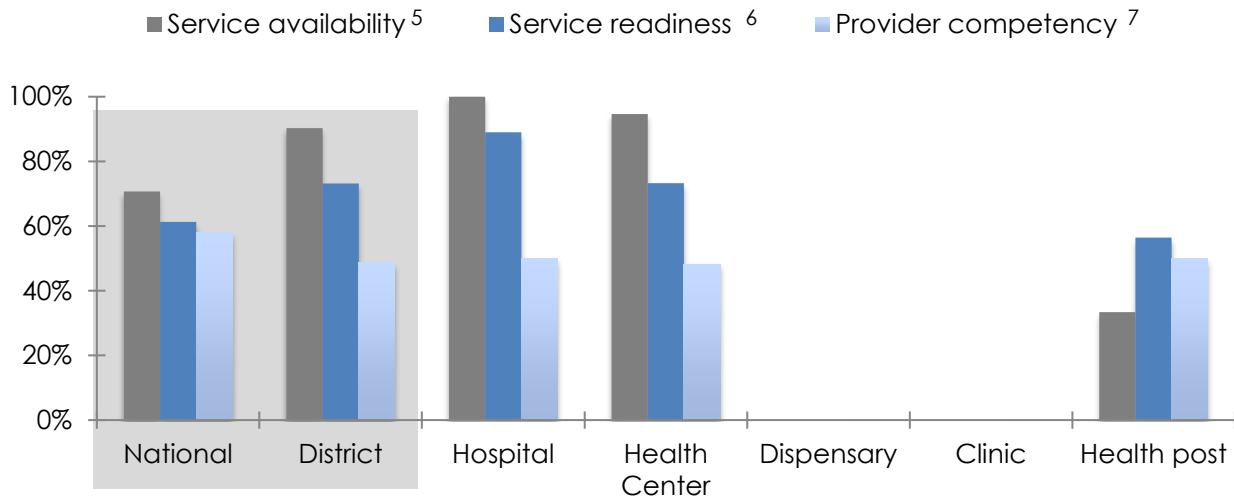
**Absenteeism** <sup>4</sup>

**N: 18%**

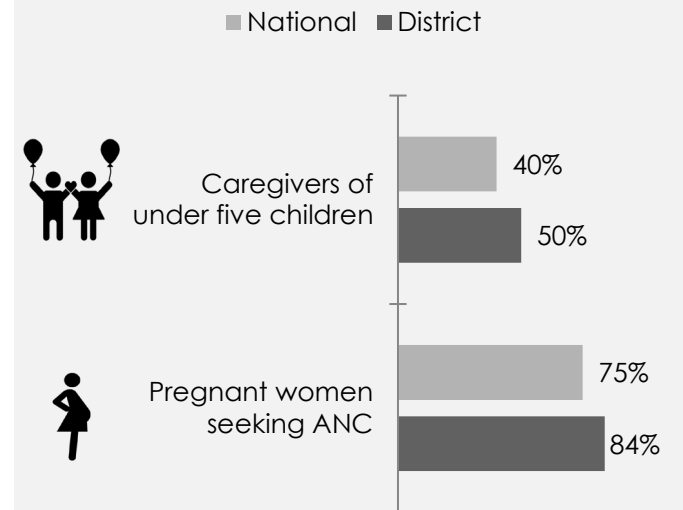
**D: 17%**



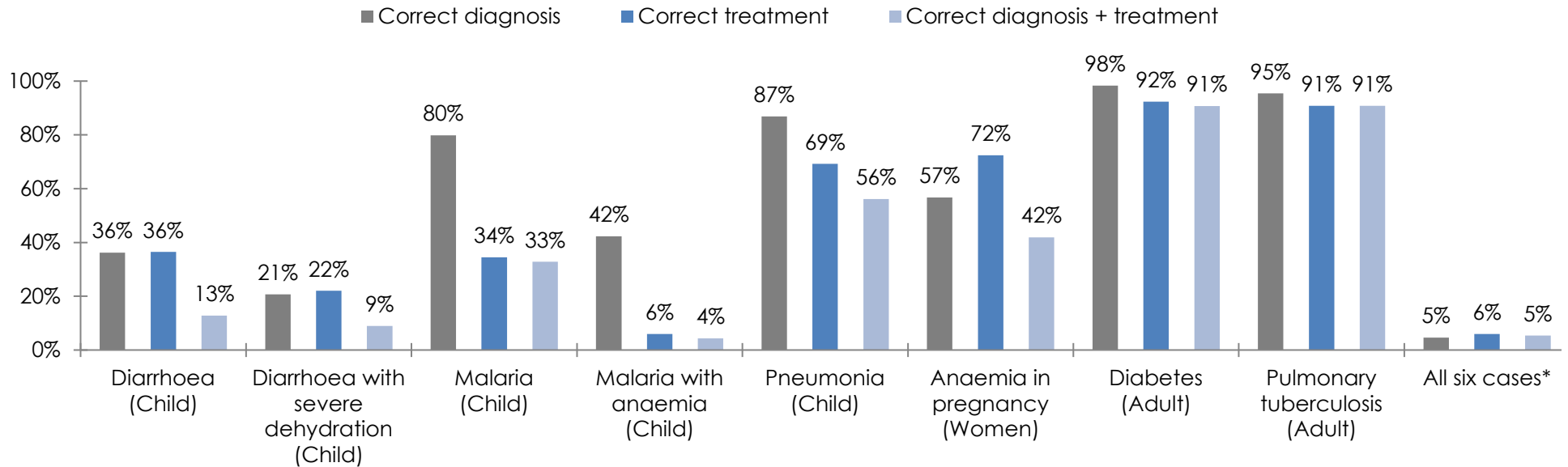
## Overall Performance for Delivering the Essential Health Package



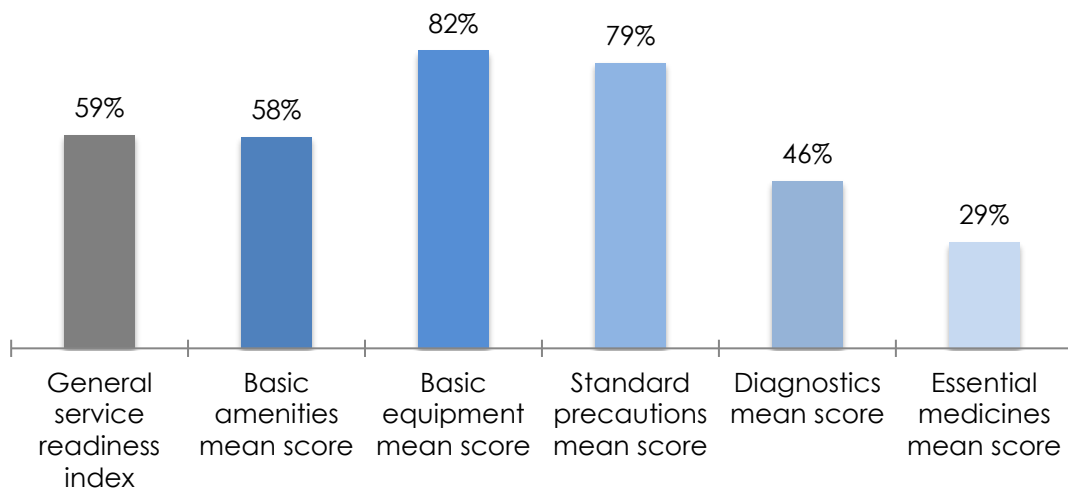
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



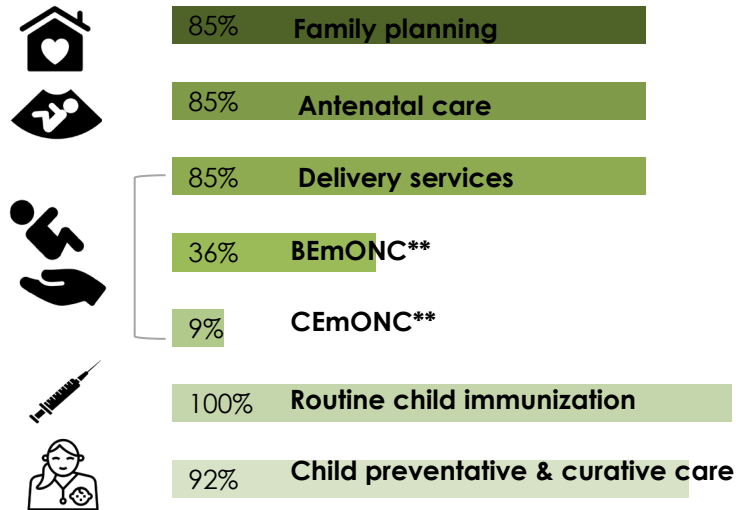
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Simvastatin tablet / other statin	10%	0%
Beclomethasone inhaler	13%	0%
Enalapril tablet / ACE inhibitor	25%	0%
Haloperidol tablet	3%	8%
Metformin tablet	35%	8%
Carbamazepine tablet	5%	8%
Diazepam injectable	6%	8%
Insulin regular injection	11%	8%
Computer with internet	21%	8%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

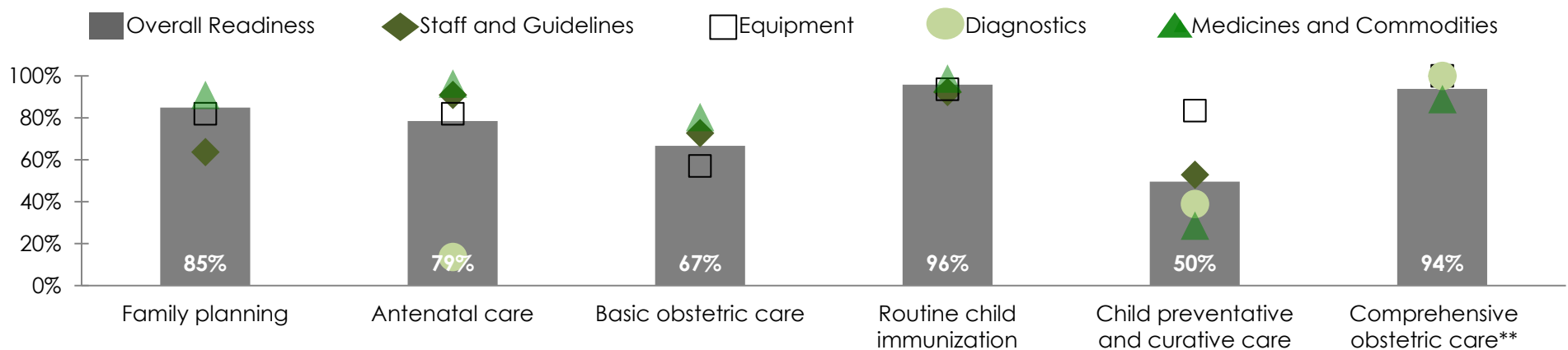


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Lidocaine 5%	53%	0%
General microscopy/wet mounts	22%	8%
Vacuum aspirator or D&C kit	37%	9%
Haemoglobin - ANC	18%	9%
Haemoglobin - child health	14%	17%
Co-trimoxazole suspension	30%	17%
Amoxicillin syrup/suspension	62%	17%
Zinc sulphate tablet or syrup	53%	17%
Urine dipstick - protein	26%	18%
Delivery bed	55%	18%

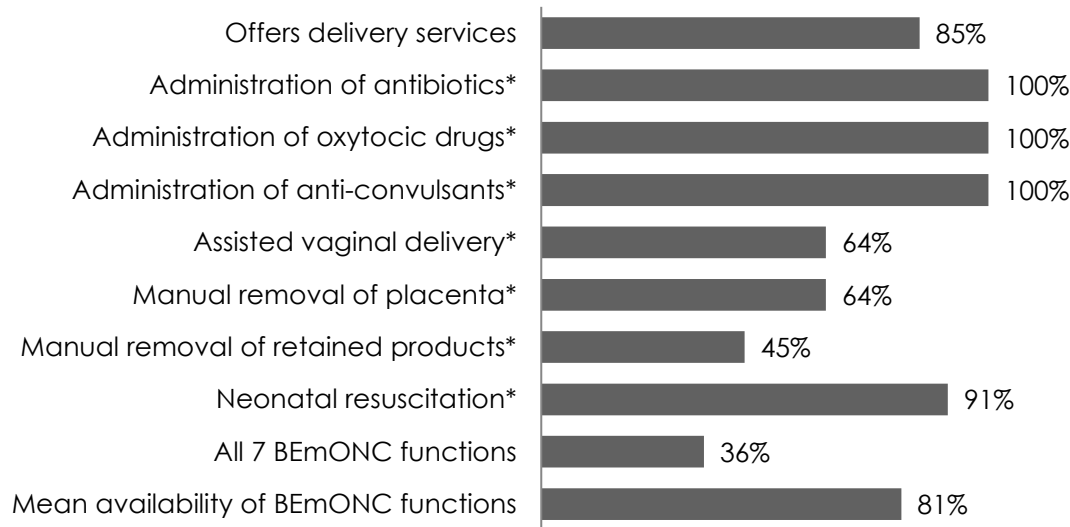
### Readiness\* to Provide MNCH Services



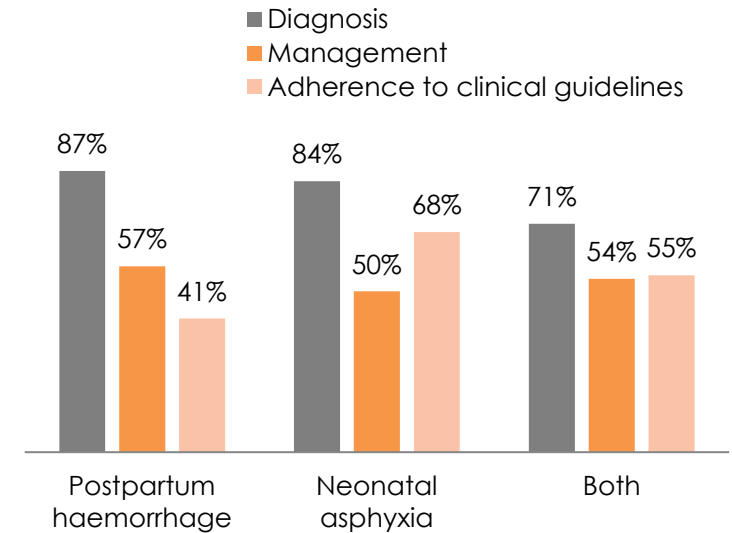
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.  
 \*\* Only includes facilities offering delivery services  
 BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

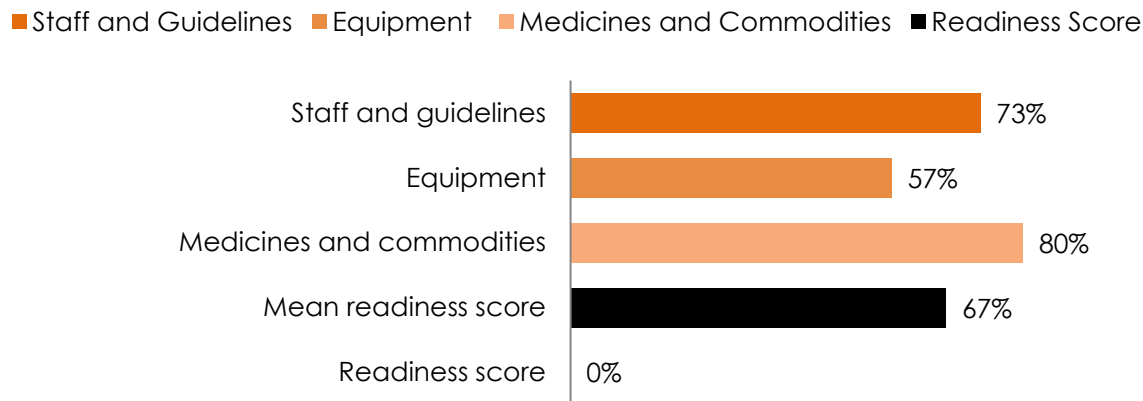
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

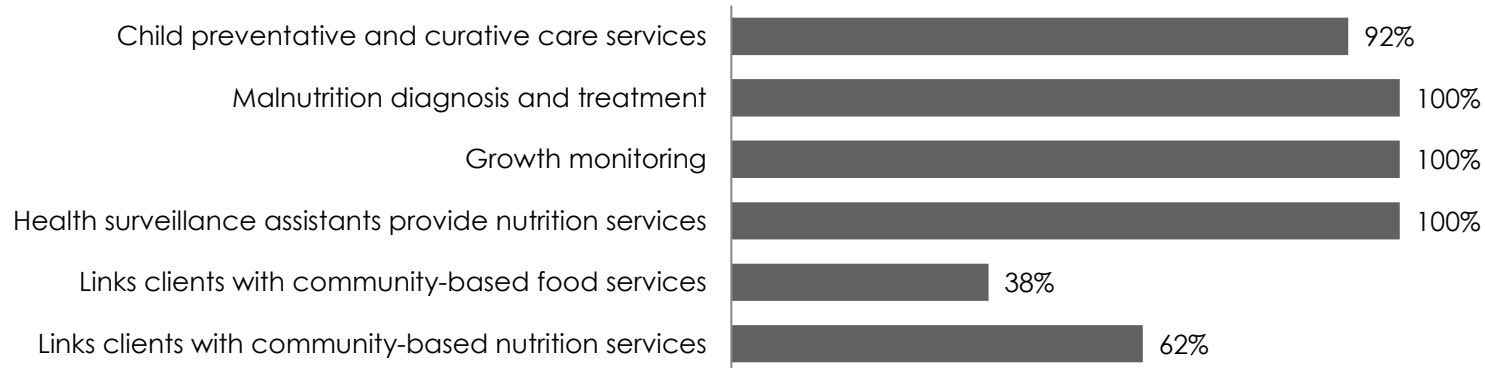
Item	N	D
Vacuum aspirator or D&C kit	37%	9%
Delivery bed	55%	18%
Manual vacuum extractor	47%	36%
Sterilization equipment	47%	36%
Intravenous solution with infusion set	62%	36%
Examination light	58%	45%
Staff trained newborn resuscitation	63%	55%
Soap and water / alcohol based hand rub	71%	73%

\* BEmONC signal function

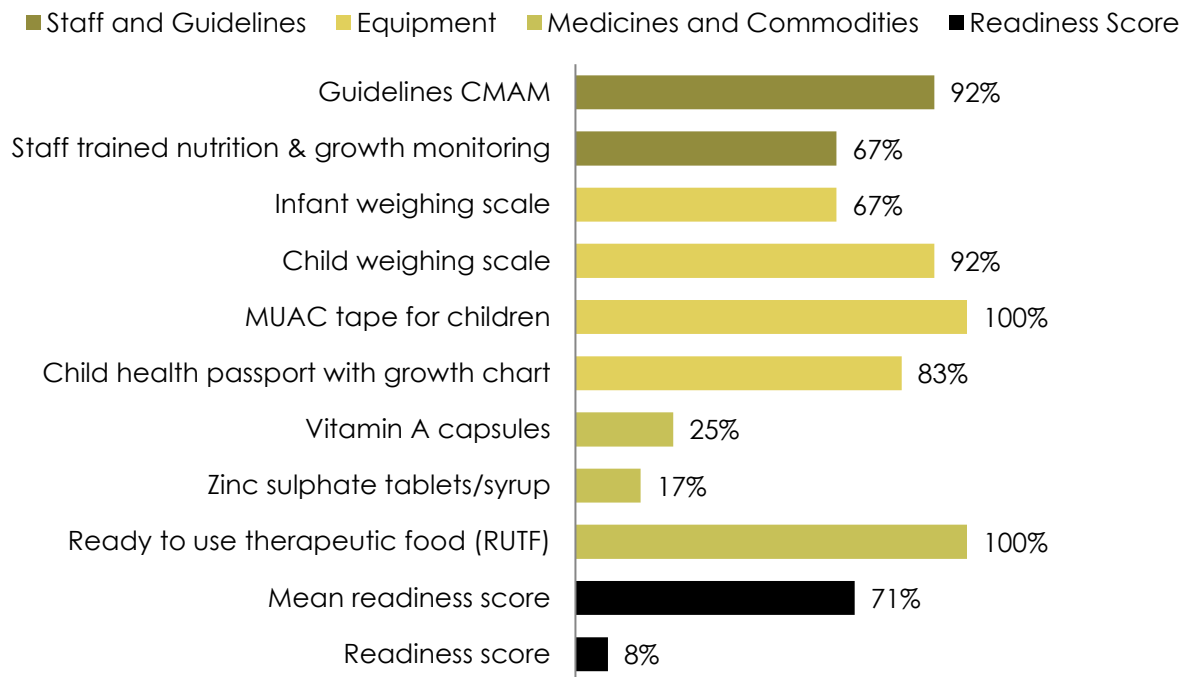
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N= National Average, D = District Average

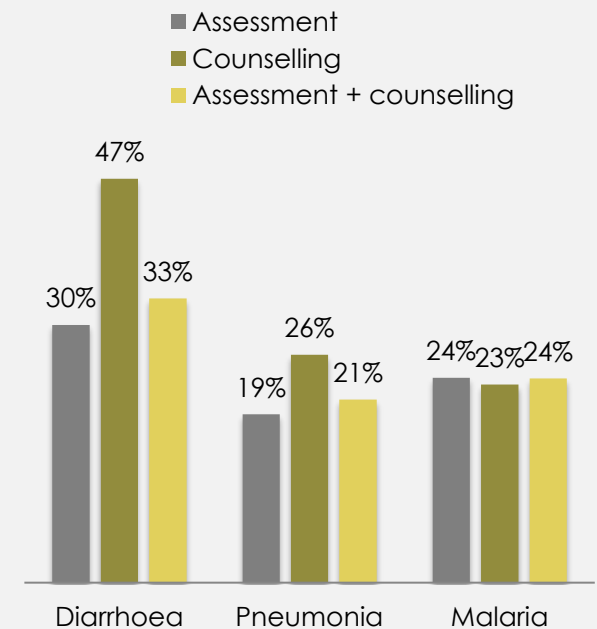
### Percentage of facilities that offer child nutrition services



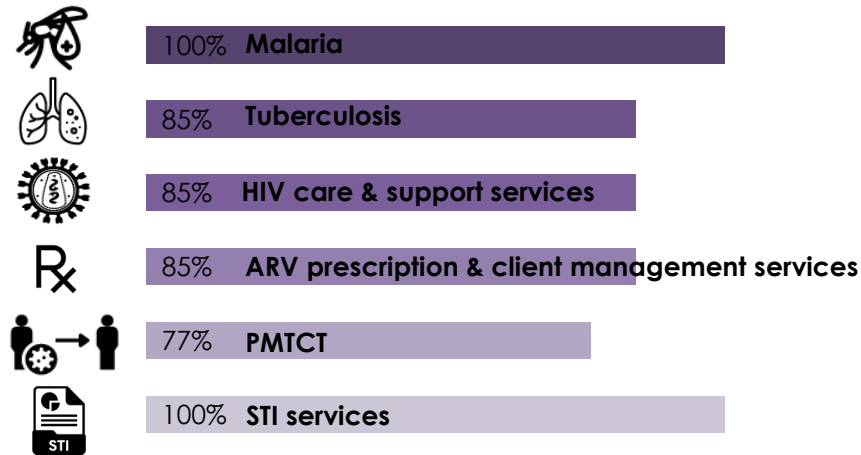
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

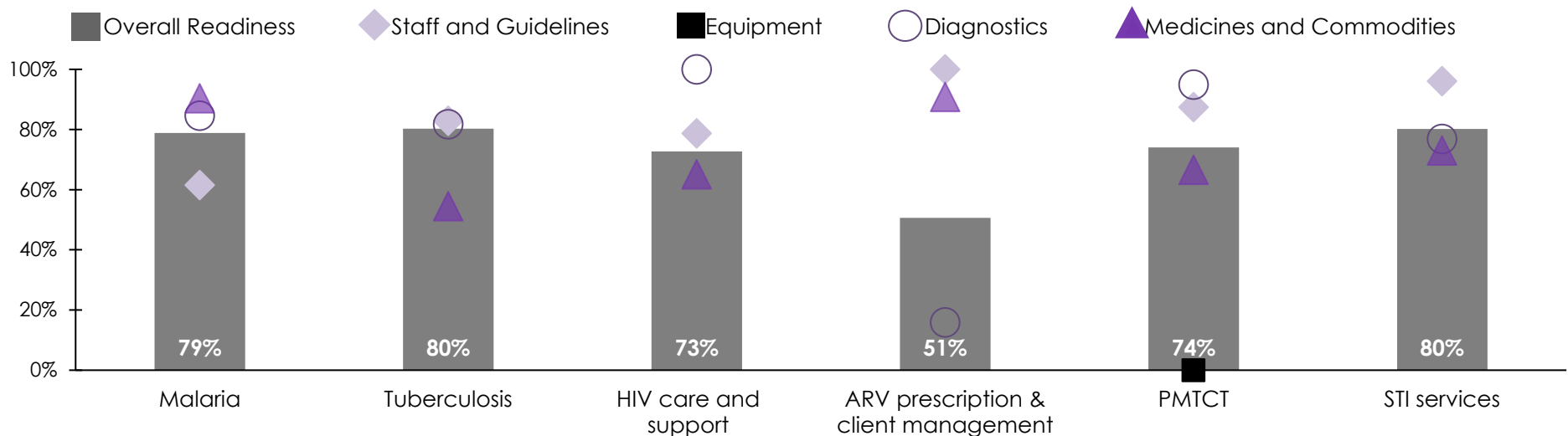


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
IV treatment fungal infections	12%	9%
Full blood count	16%	9%
Renal function test	8%	9%
Liver function test	8%	9%
Zidovudine syrup	17%	10%
Ciprofloxacin cap/tab	61%	23%
CD4 count or viral load test	8%	36%
Guidelines for palliative care	39%	36%
Intravenous solution with infusion set	49%	36%

### Readiness\* to Provide Communicable Disease Services

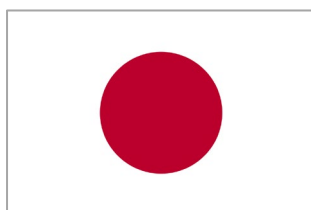


\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N = National Average, D = District Average



The district profile project used data from the 2018/19 Malawi Harmonized Health Facility Assessment and was generously funded by the World Bank (WB), the Government of Japan (through the Japan Policy and Human Resources Development Fund, administered by the WB), and the Global Financing Facility. Other partners supported the Malawi HHFA technically and financially, including the Global Fund to fight AIDS, Tuberculosis and Malaria, the World Health Organization, the Clinton Health Access Initiative and the United States Agency for International Development.



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#### District Overview Data Sources

Population & Children below five: Malawi National Statistics Office Population and Housing Census 2018

Poverty rate: Malawi National Statistics Office Integrated Household Survey 2016/2017

Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

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<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

### District Overview



### Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 7.2 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 57.49**



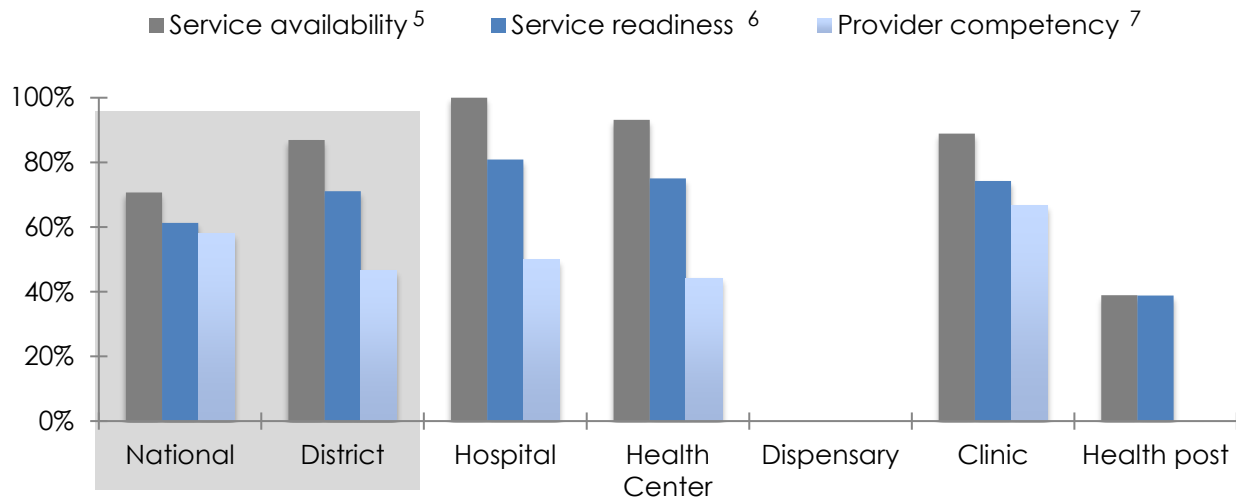
**Absenteeism** <sup>4</sup>

**N: 18%**

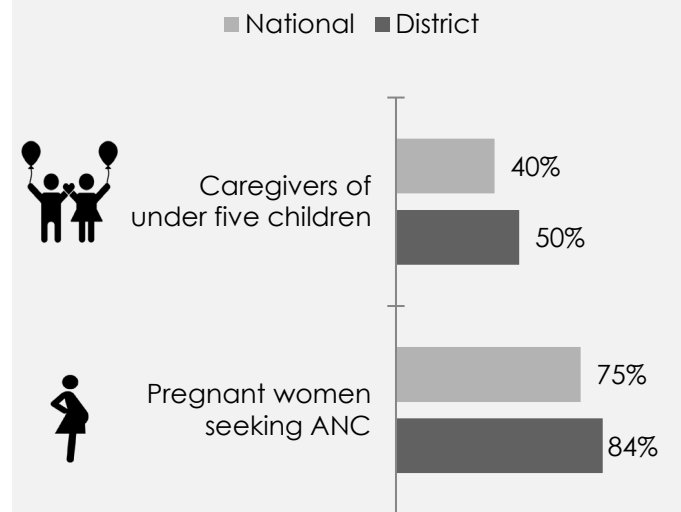
**D: 7%**



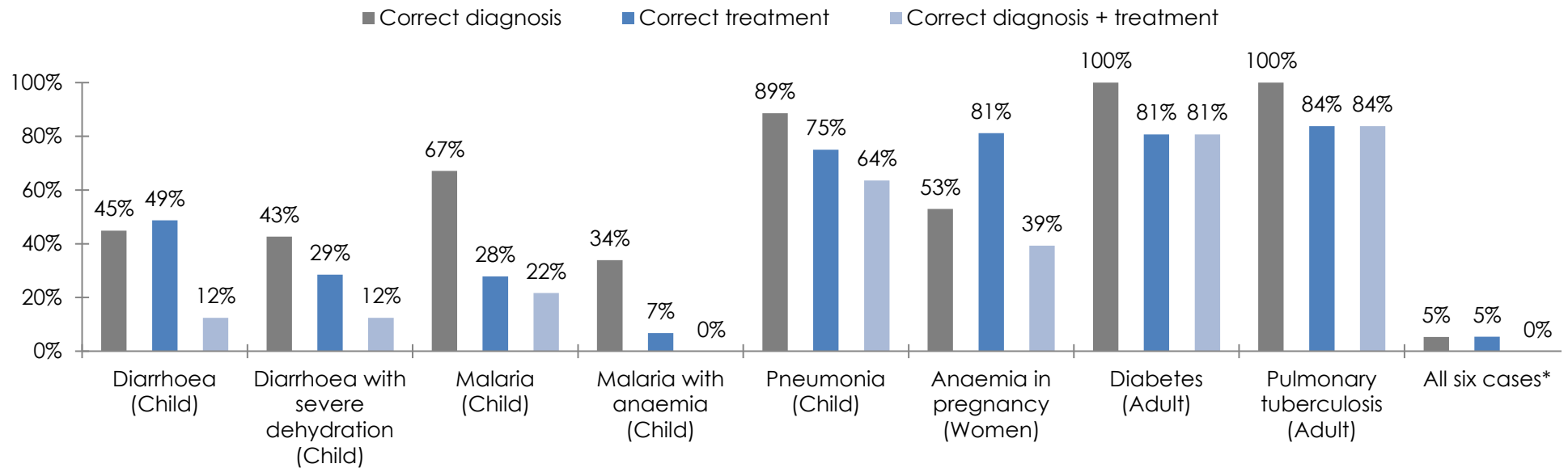
### Overall Performance for Delivering the Essential Health Package



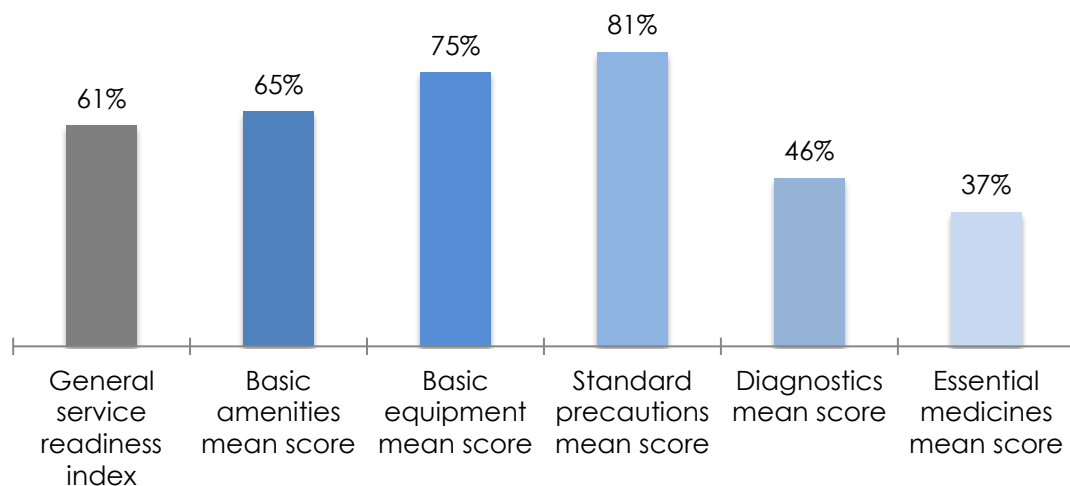
### Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



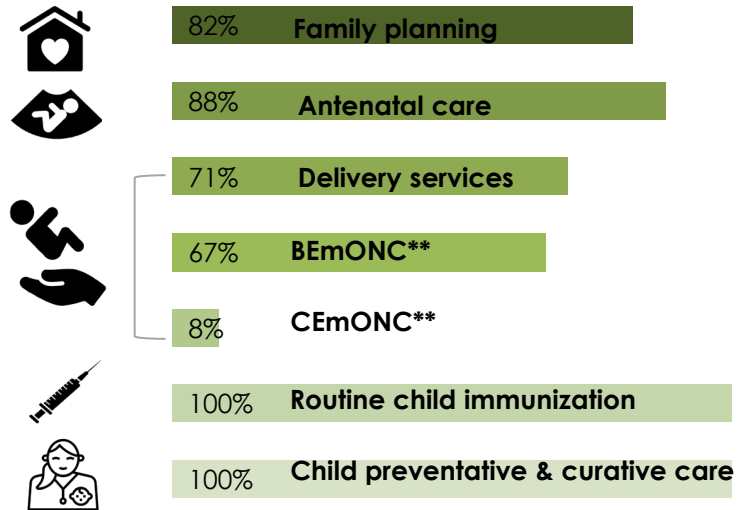
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Simvastatin tablet / other statin	10%	0%
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	0%
Haemoglobin	14%	0%
Carbamazepine tablet	5%	6%
Diazepam injectable	6%	6%
Computer with internet	21%	6%
Enalapril tablet / ACE inhibitor	25%	6%
Insulin regular injection	11%	12%
Beclomethasone inhaler	13%	12%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

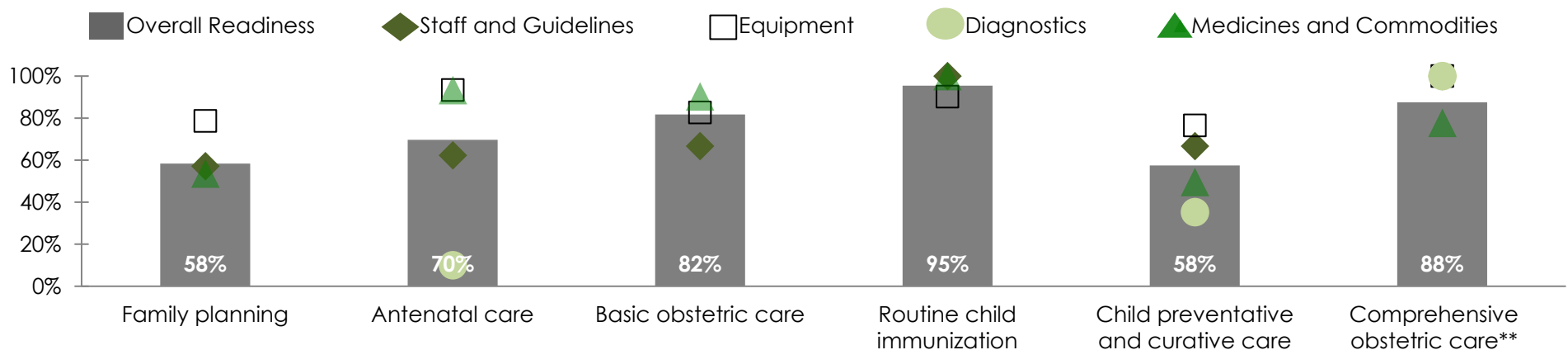


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Suxamethonium bromide powder	39%	0%
Haemoglobin - child health	14%	0%
Haemoglobin - ANC	18%	0%
Blood supply safety	89%	0%
Co-trimoxazole suspension	30%	6%
Zinc sulphate tablet or syrup	53%	18%
Urine dipstick - protein	26%	20%
General microscopy/wet mounts	22%	24%
Injectable contraceptives	54%	29%
Vacuum aspirator or D&C kit	37%	42%

### Readiness\* to Provide MNCH Services



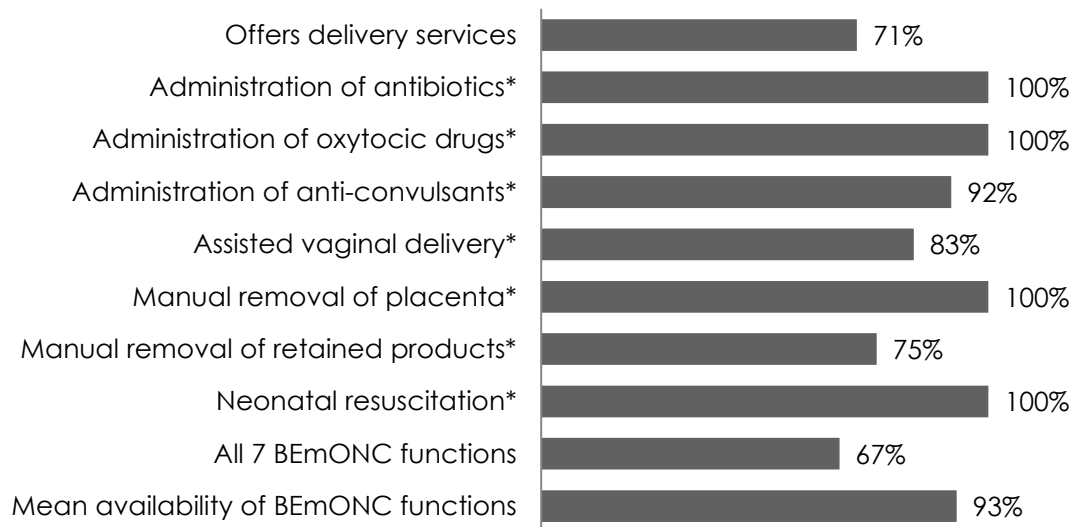
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

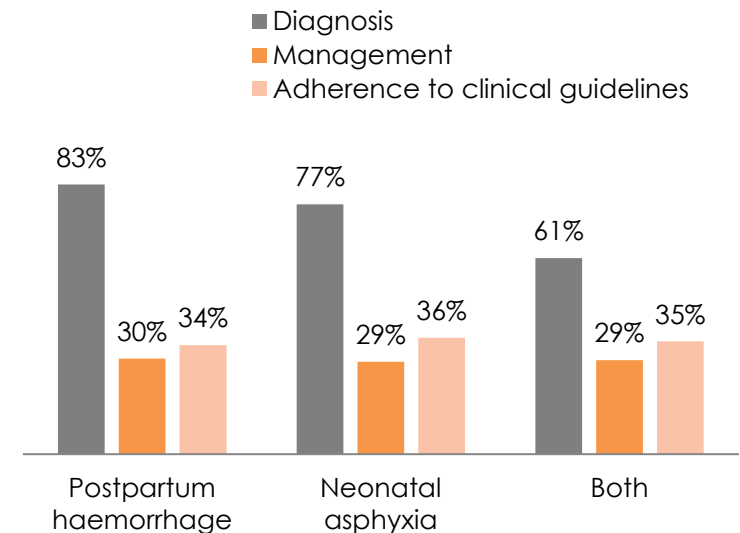
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

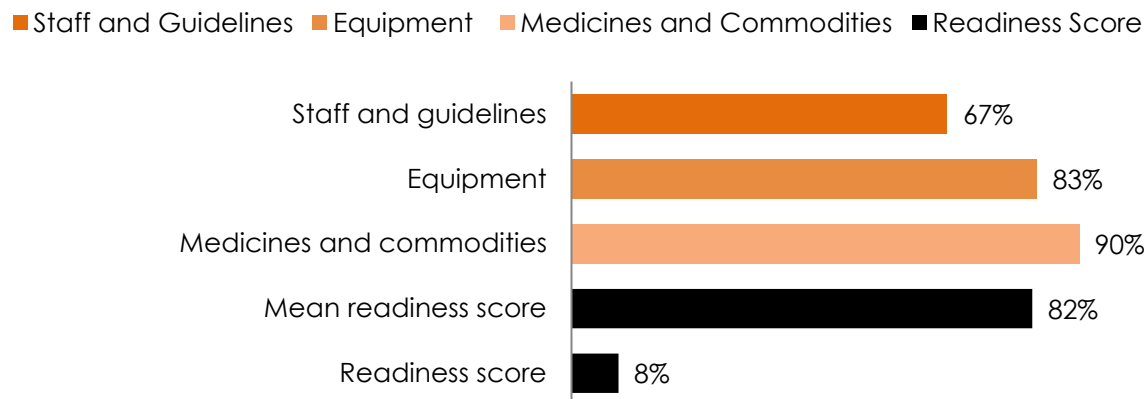
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

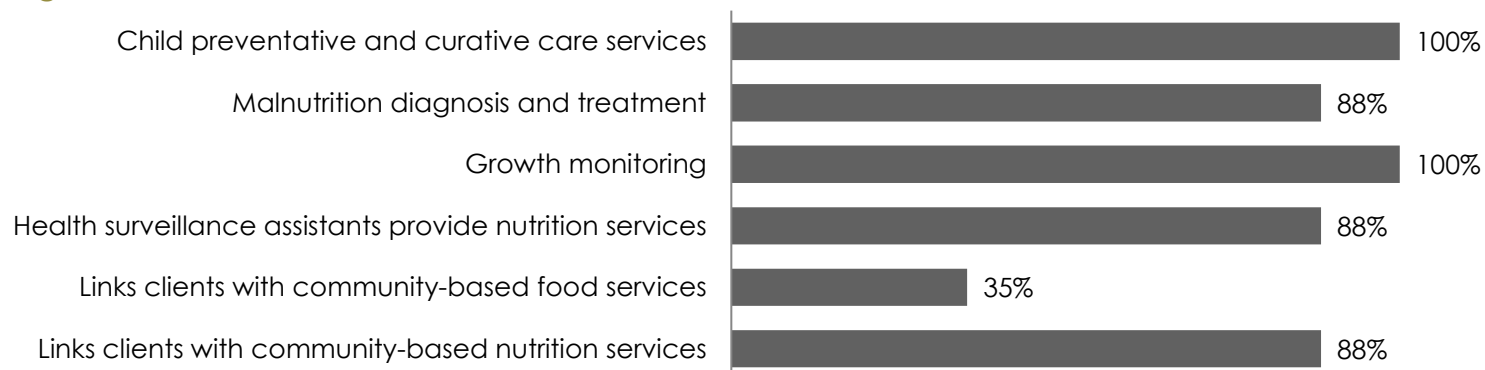
Item	N	D
Vacuum aspirator or D&C kit	37%	42%
Staff trained essential childbirth care	40%	42%
Manual vacuum extractor	47%	58%
Sterilization equipment	47%	75%
Staff trained newborn resuscitation	63%	75%
Guidelines essential childbirth care	61%	75%
Check-lists / job-aids essential childbirth care	64%	75%
Delivery bed	55%	75%

\* BEmONC signal function

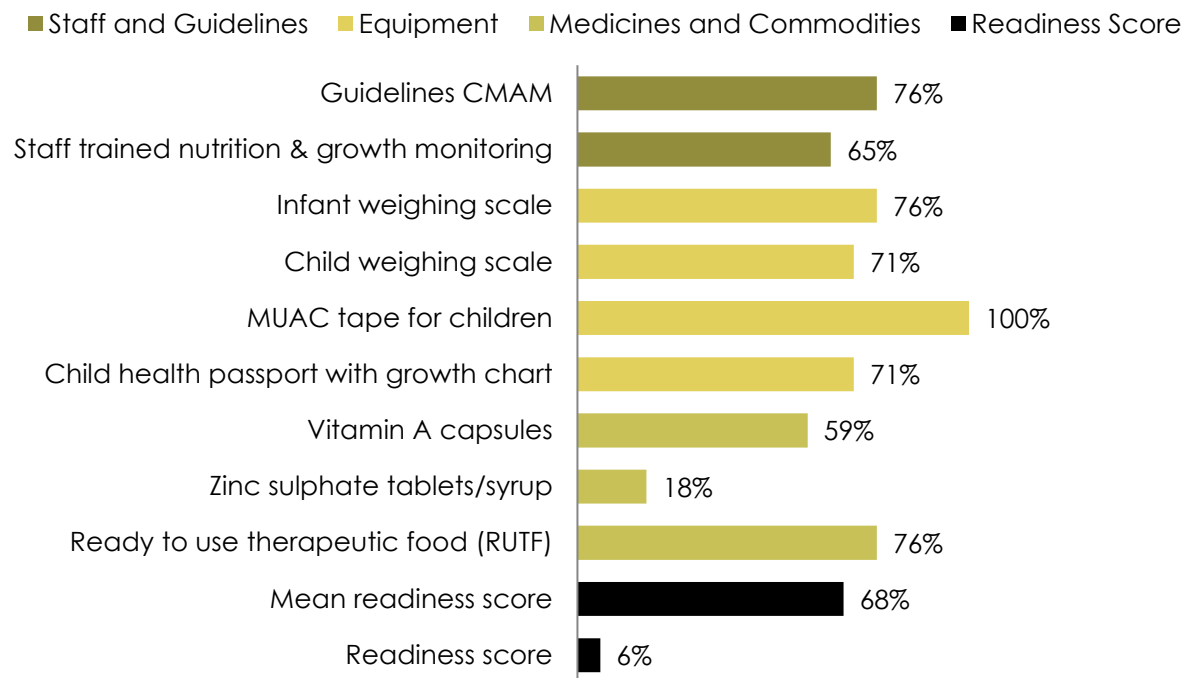
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N= National Average, D = District Average

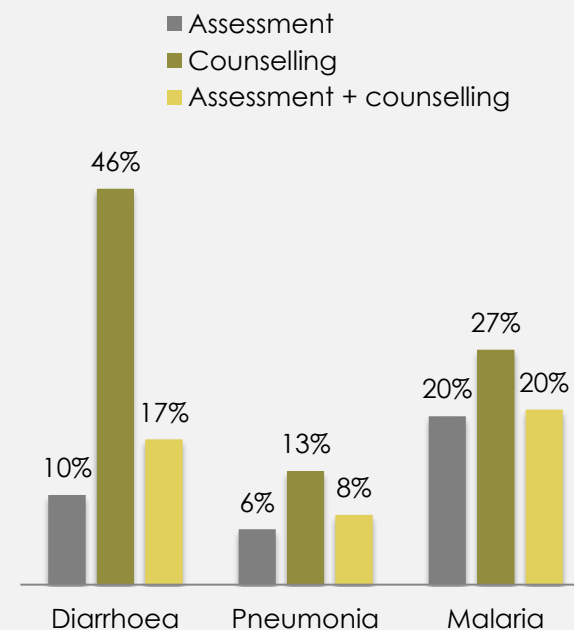
### Percentage of facilities that offer child nutrition services



### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services

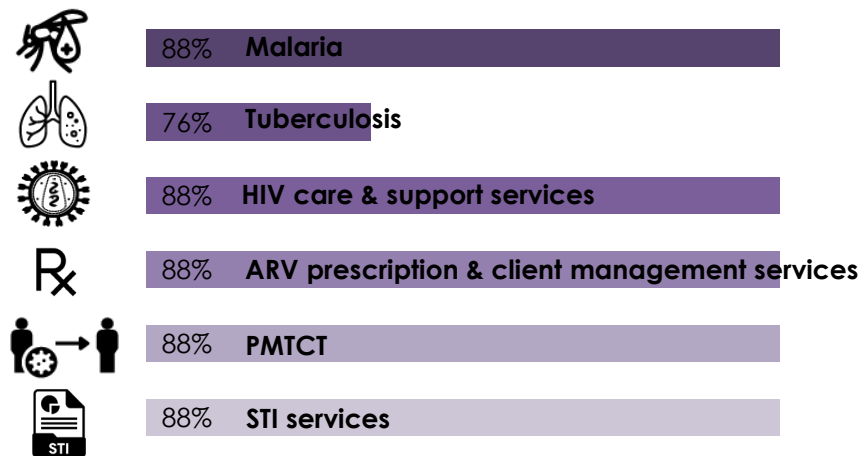


### Provider competency on assessment and counselling of nutrition for sick children



Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

### Percentage Availability of Communicable Disease Services

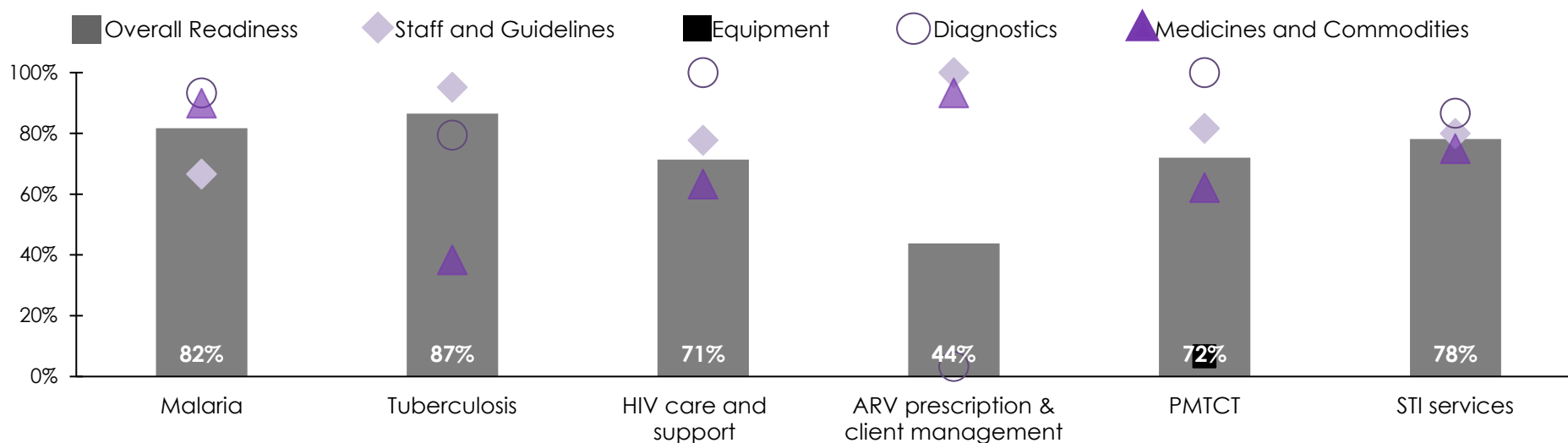


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
CD4 count or viral load test	8%	0%
Renal function test	8%	0%
Liver function test	8%	0%
Visual and auditory privacy PMTCT area	3%	7%
IV treatment fungal infections	12%	7%
Zidovudine syrup	17%	13%
Full blood count	16%	13%
First line TB medications	50%	38%
TB microscopy	32%	38%
First line TB medications	39%	40%

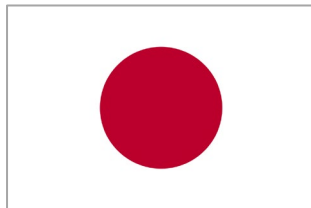
### Readiness\* to Provide Communicable Disease Services



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<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

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<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility



## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 14 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 28.83**



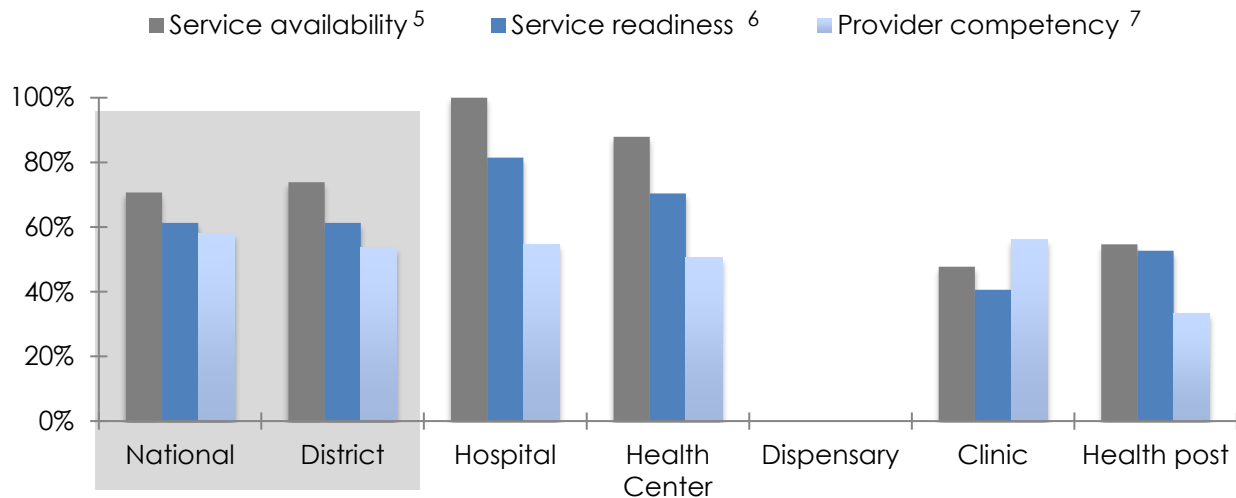
**Absenteeism** <sup>4</sup>

**N: 18%**

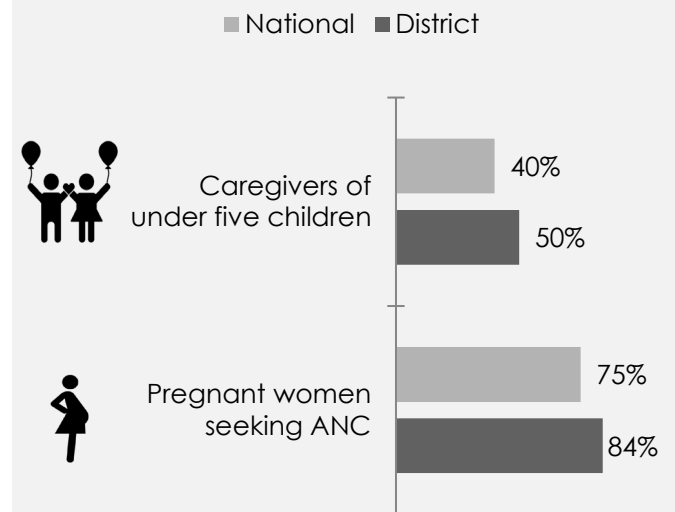
**D: 17%**



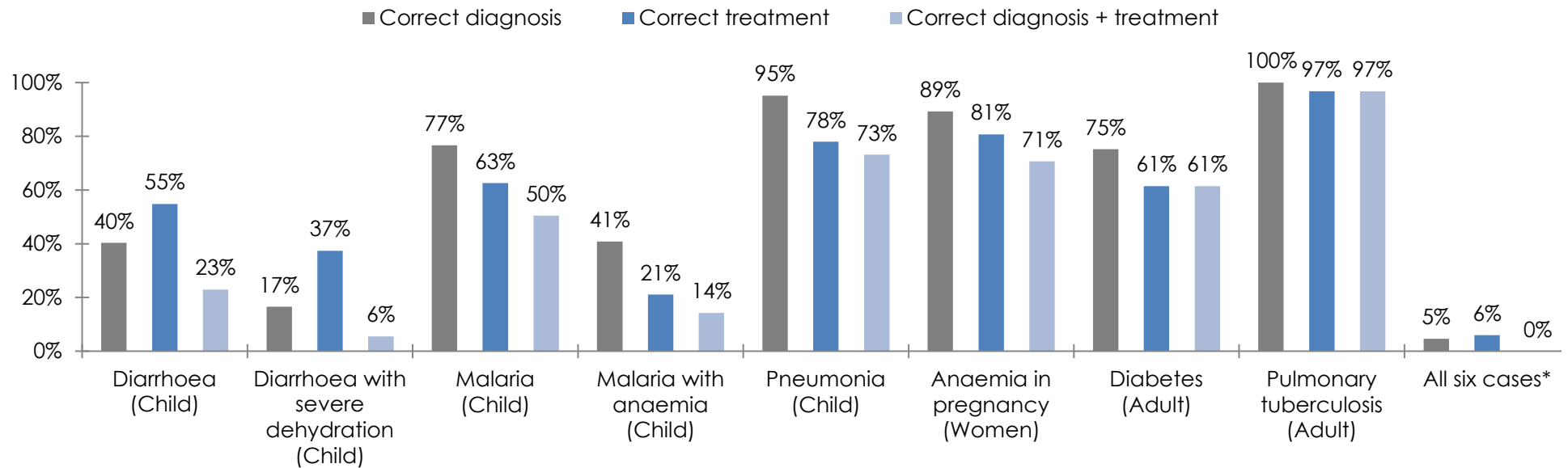
## Overall Performance for Delivering the Essential Health Package



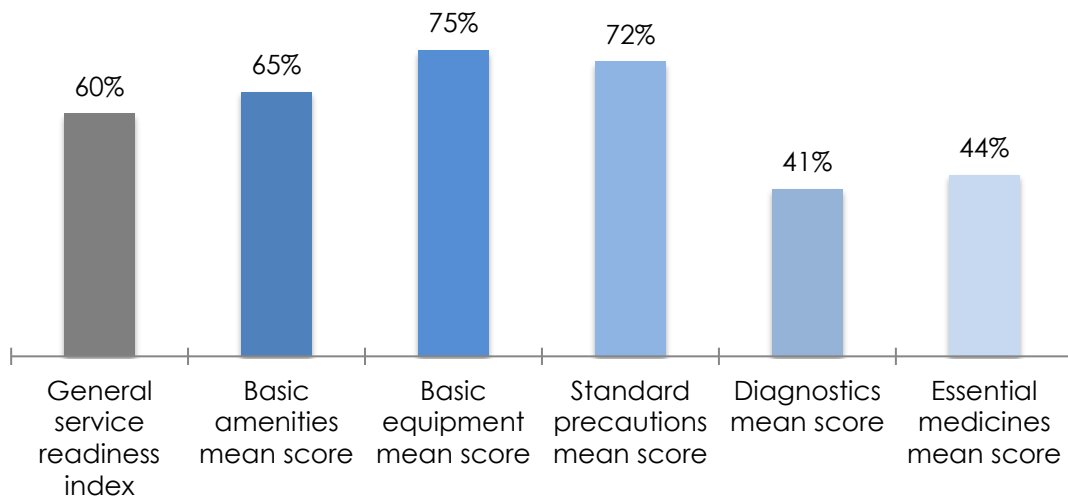
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



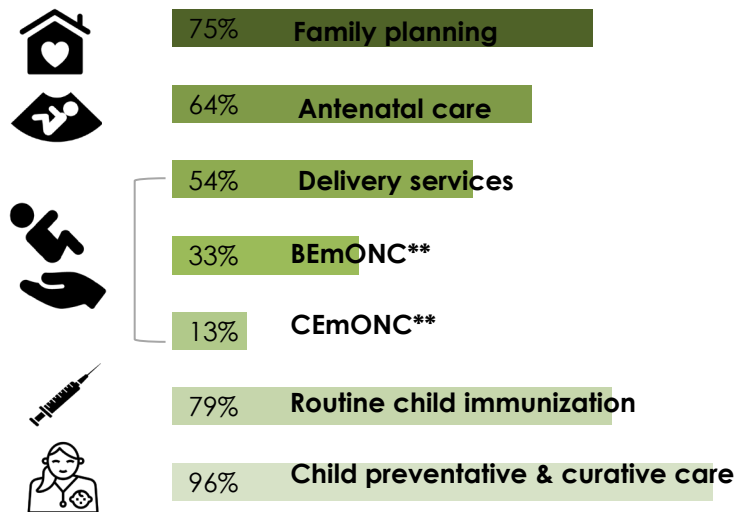
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	4%
Fluoxetine tablet	2%	4%
Carbamazepine tablet	5%	4%
Diazepam injectable	6%	4%
Simvastatin tablet / other statin	10%	11%
Haemoglobin	14%	11%
Insulin regular injection	11%	11%
Urine dipstick - glucose	22%	11%
Ampicillin powder for injection	15%	11%
Computer with internet	21%	14%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

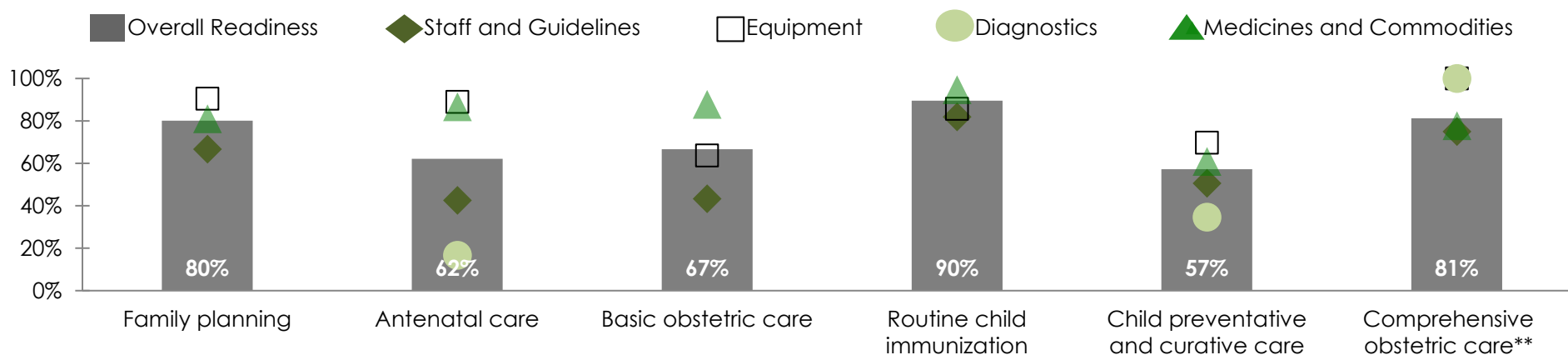


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Staff trained ANC	42%	0%
Suxamethonium bromide powder	39%	0%
Staff trained CEmOC	66%	0%
Staff trained essential childbirth care	40%	7%
General microscopy/wet mounts	22%	7%
Haemoglobin - child health	14%	11%
Co-trimoxazole suspension	30%	11%
Vacuum aspirator or D&C kit	37%	13%
Haemoglobin - ANC	18%	17%
Urine dipstick - protein	26%	17%

### Readiness\* to Provide MNCH Services



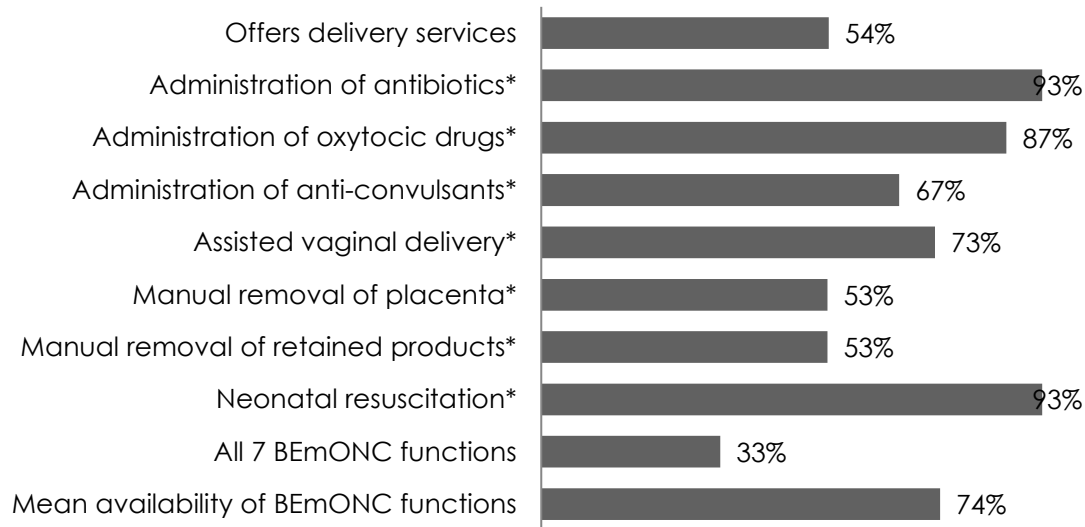
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

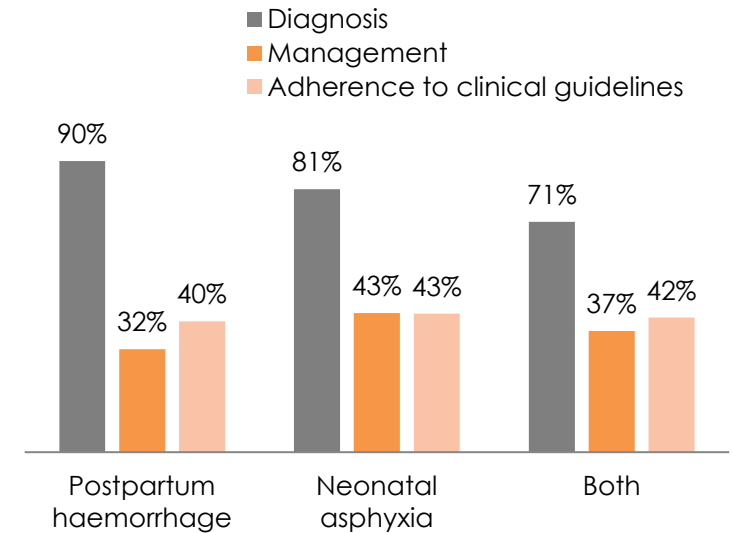
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

N = National Average, D = District Average

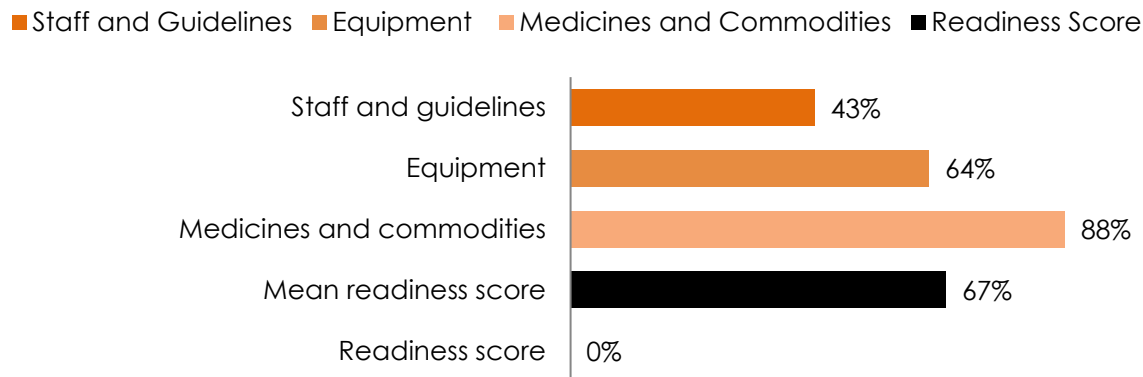
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

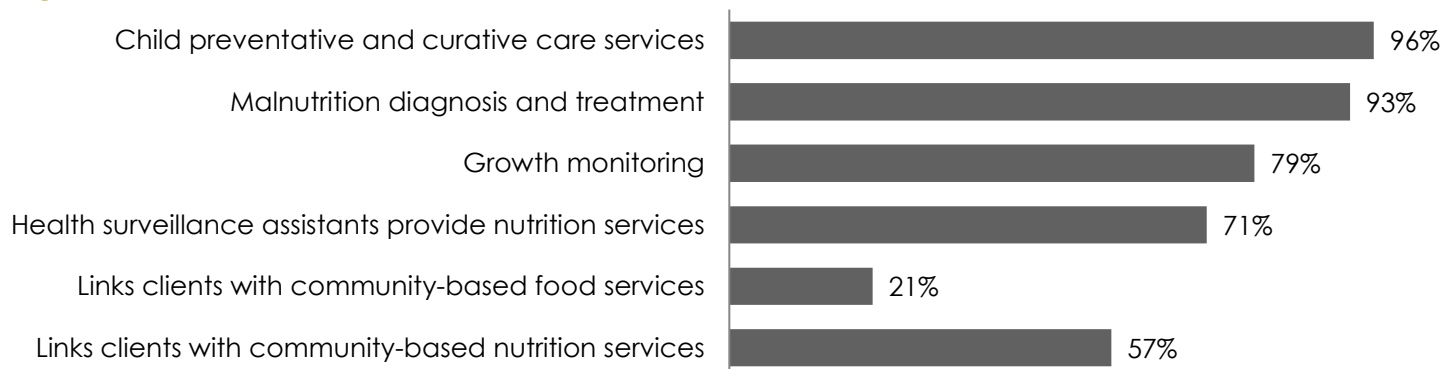
Item	N	D
Staff trained essential childbirth care	40%	7%
Vacuum aspirator or D&C kit	37%	13%
Manual vacuum extractor	47%	40%
Staff trained newborn resuscitation	63%	40%
Examination light	58%	47%
Sterilization equipment	47%	53%
Guidelines essential childbirth care	61%	53%
Delivery bed	55%	67%

\* BEmONC signal function

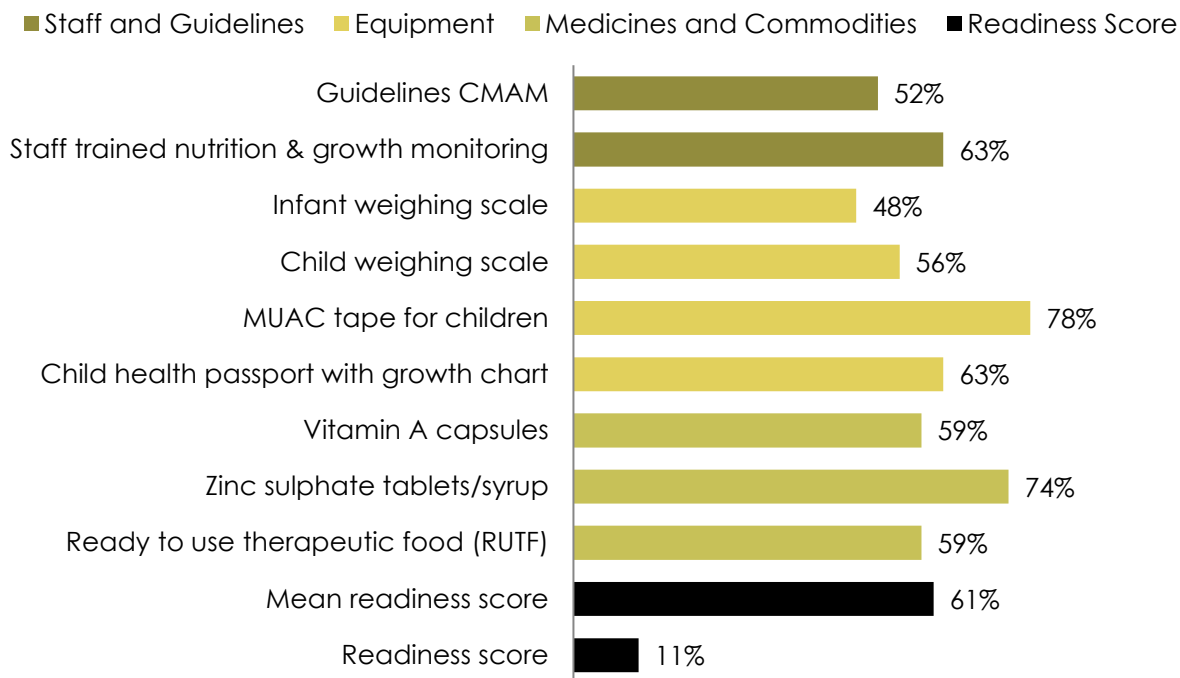
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N= National Average, D = District Average

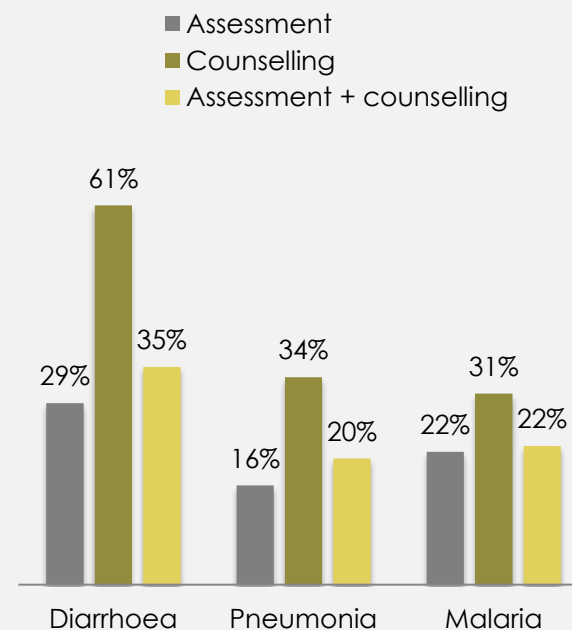
### Percentage of facilities that offer child nutrition services



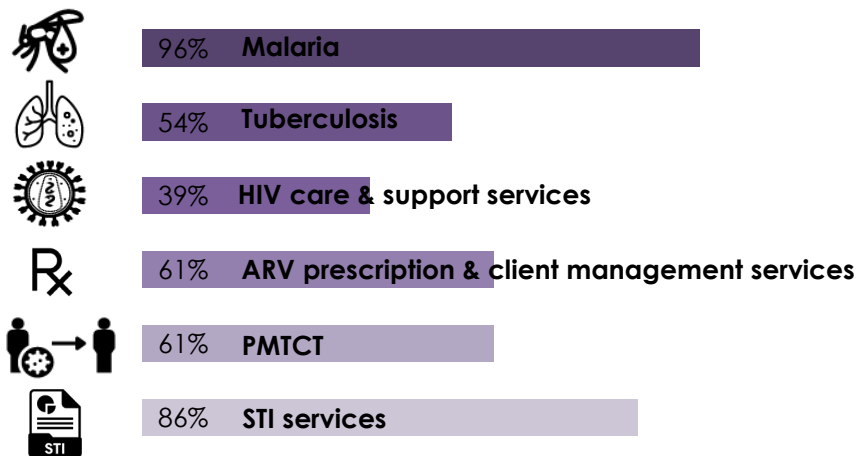
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

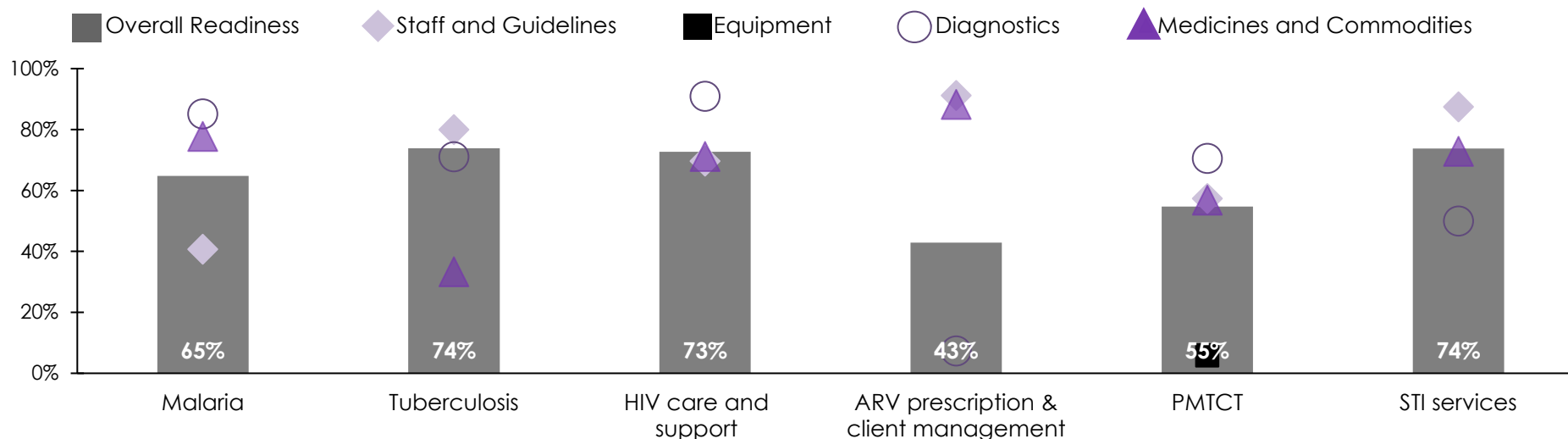


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Renal function test	8%	0%
Liver function test	8%	0%
Visual and auditory privacy PMTCT area	3%	6%
CD4 count or viral load test	8%	6%
Zidovudine syrup	17%	18%
IV treatment fungal infections	12%	18%
Staff trained IPT	25%	22%
Full blood count	16%	24%
First line TB medications	50%	33%
Staff trained infant and young child feeding	51%	35%

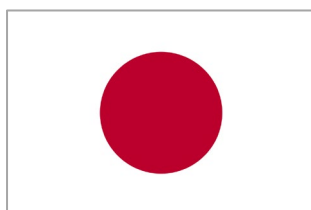
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

N= National Average, D = District Average

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#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

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<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 10 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 48.72**



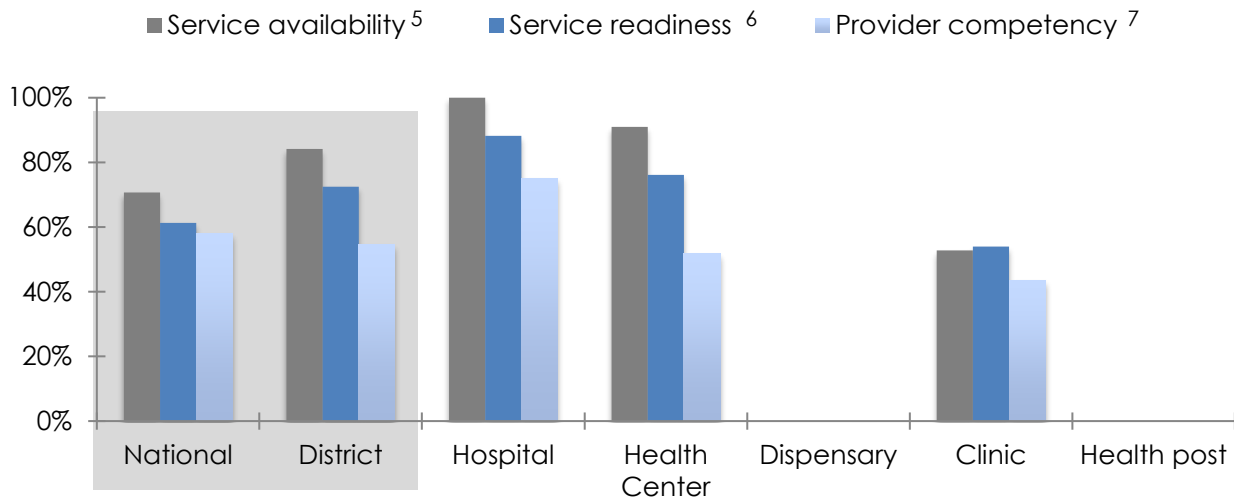
**Absenteeism** <sup>4</sup>

**N: 18%**

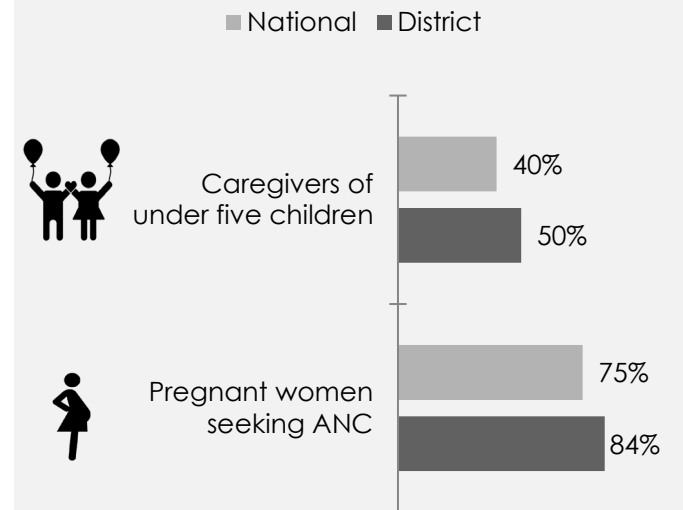
**D: 9%**



## Overall Performance for Delivering the Essential Health Package

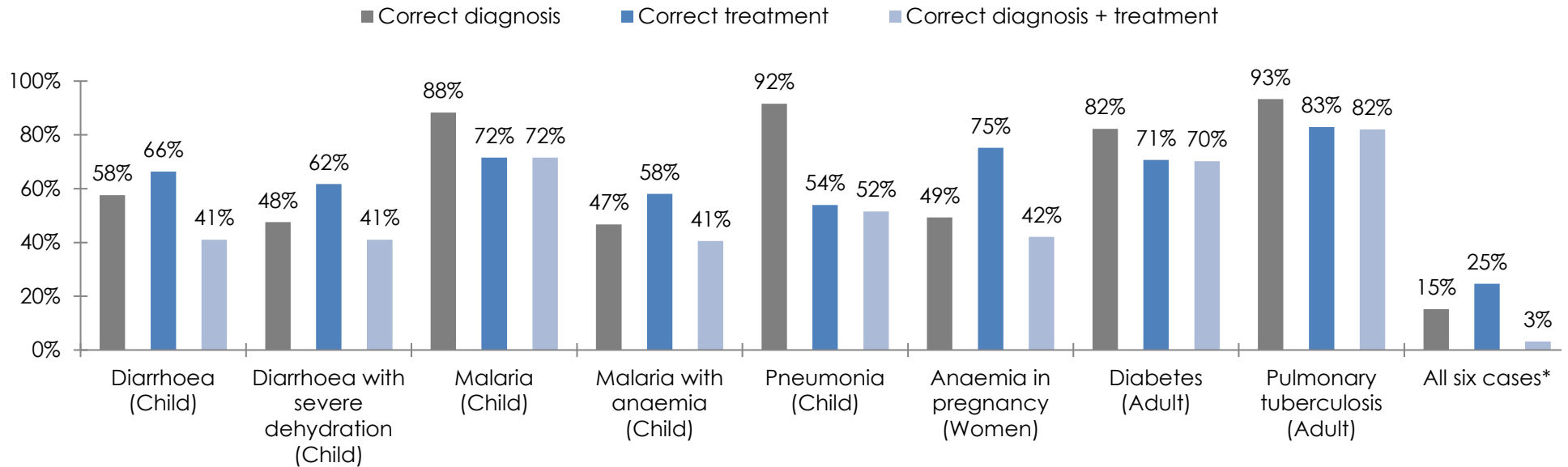


## Client Reported Quality of Visit <sup>8</sup>

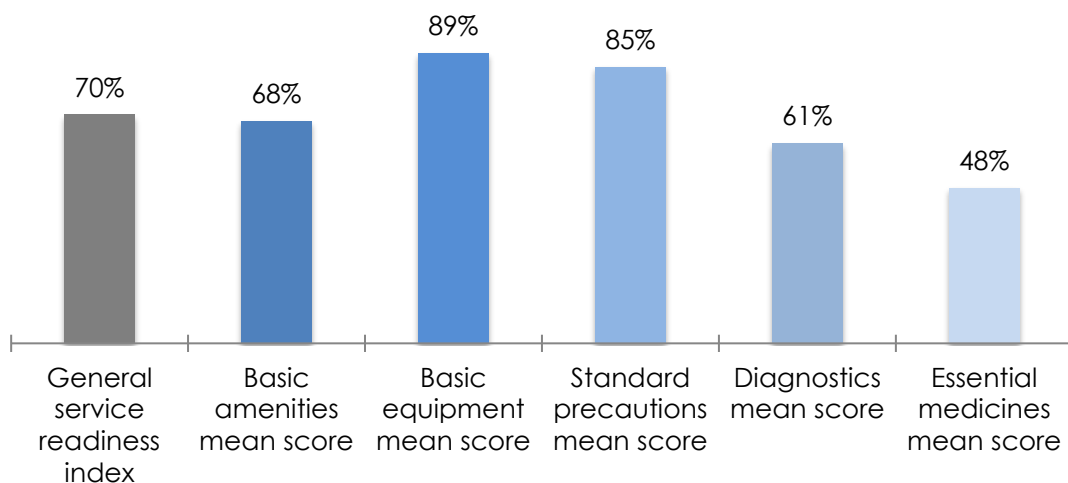




## Provider Competency



## General Facility Infrastructure



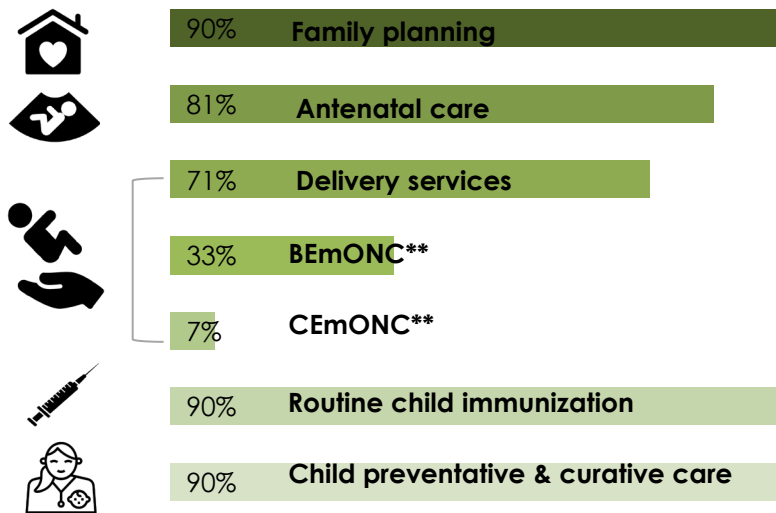
## Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	0%
Haloperidol tablet	3%	5%
Carbamazepine tablet	5%	5%
Diazepam injectable	6%	5%
Insulin regular injection	11%	5%
Simvastatin tablet / other statin	10%	10%
Ampicillin powder for injection	15%	10%
Beclomethasone inhaler	13%	19%
Haemoglobin	14%	24%
Computer with internet	21%	29%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

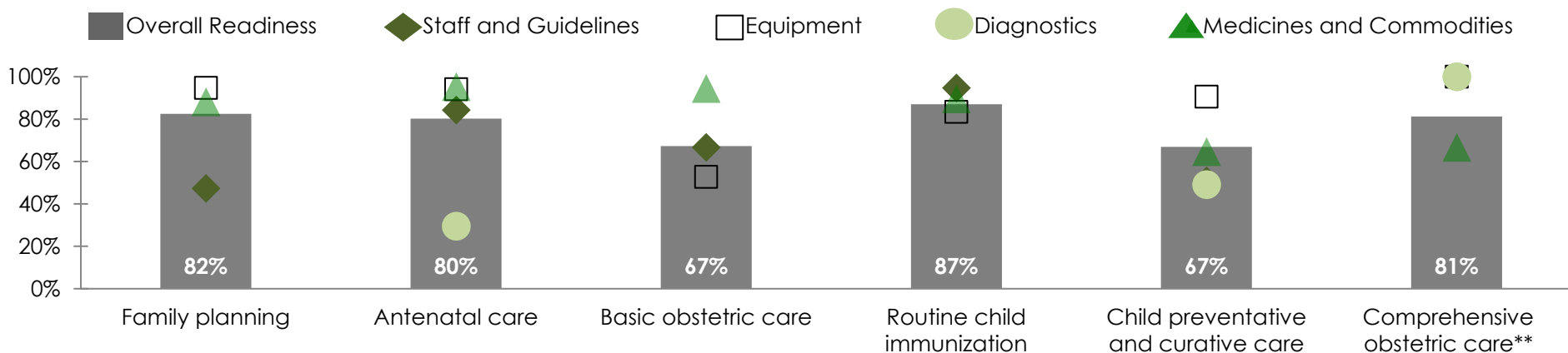


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Epinephrine injectable	54%	0%
Blood supply sufficiency	47%	0%
Halothane inhalation	69%	0%
Vacuum aspirator or D&C kit	37%	7%
Delivery bed	55%	7%
Manual vacuum extractor	47%	13%
Haemoglobin - child health	14%	26%
General microscopy/wet mounts	22%	26%
Sterilization equipment	47%	27%
Haemoglobin - ANC	18%	29%

### Readiness\* to Provide MNCH Services



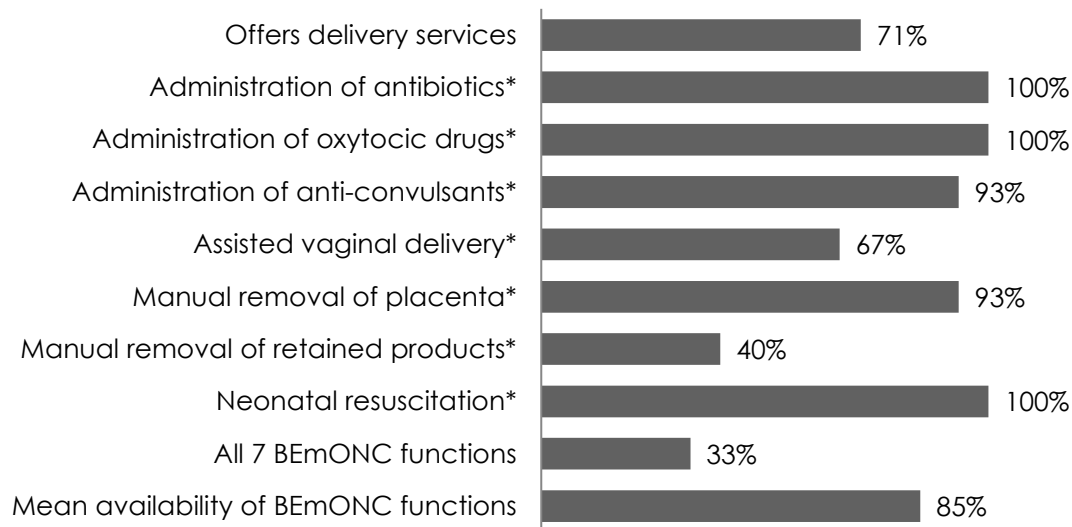
\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

\*\* Only includes facilities offering delivery services

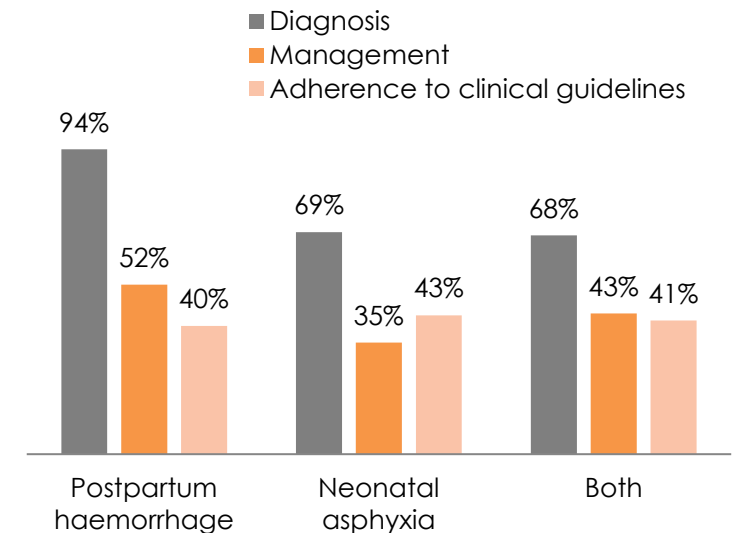
BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

N = National Average, D = District Average

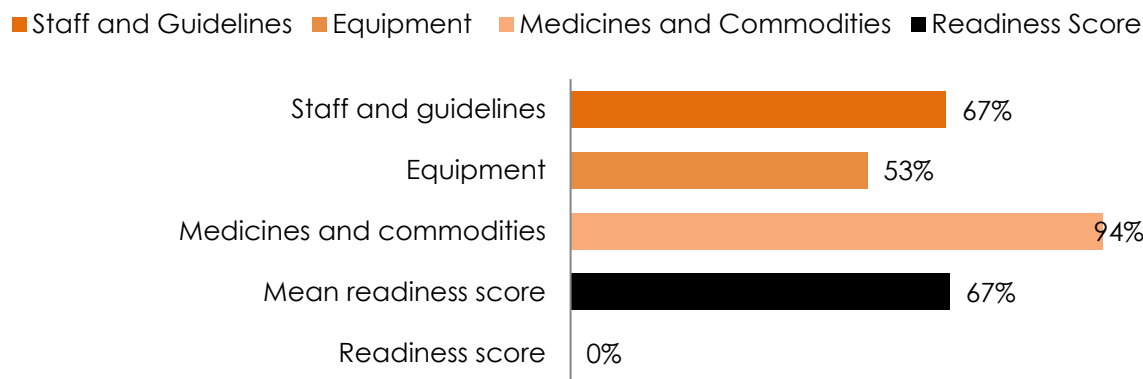
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

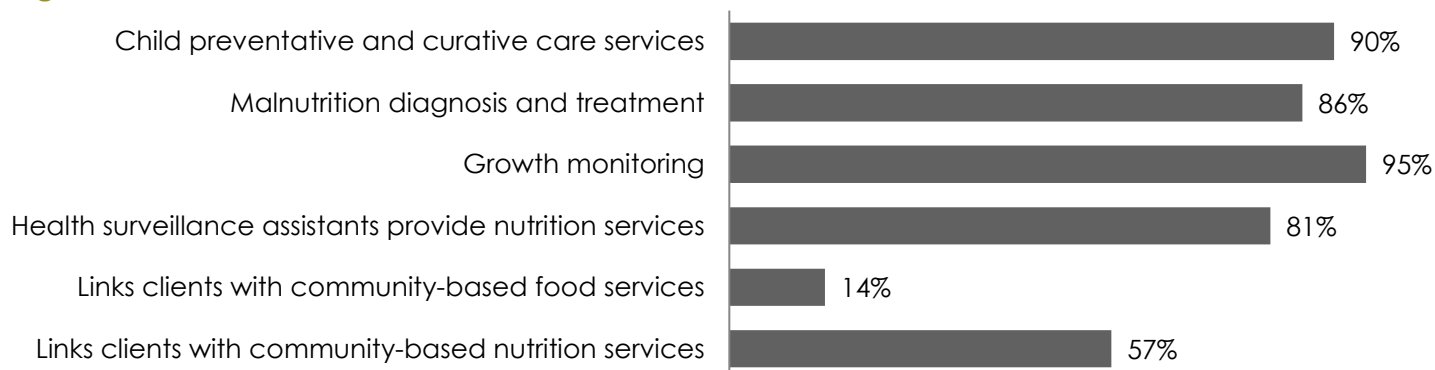
Item	N	D
Vacuum aspirator or D&C kit	37%	7%
Delivery bed	55%	7%
Manual vacuum extractor	47%	13%
Sterilization equipment	47%	27%
Staff trained essential childbirth care	40%	53%
Staff trained newborn resuscitation	63%	53%
Examination light	58%	53%
Suction apparatus	80%	53%

\* BEmONC signal function

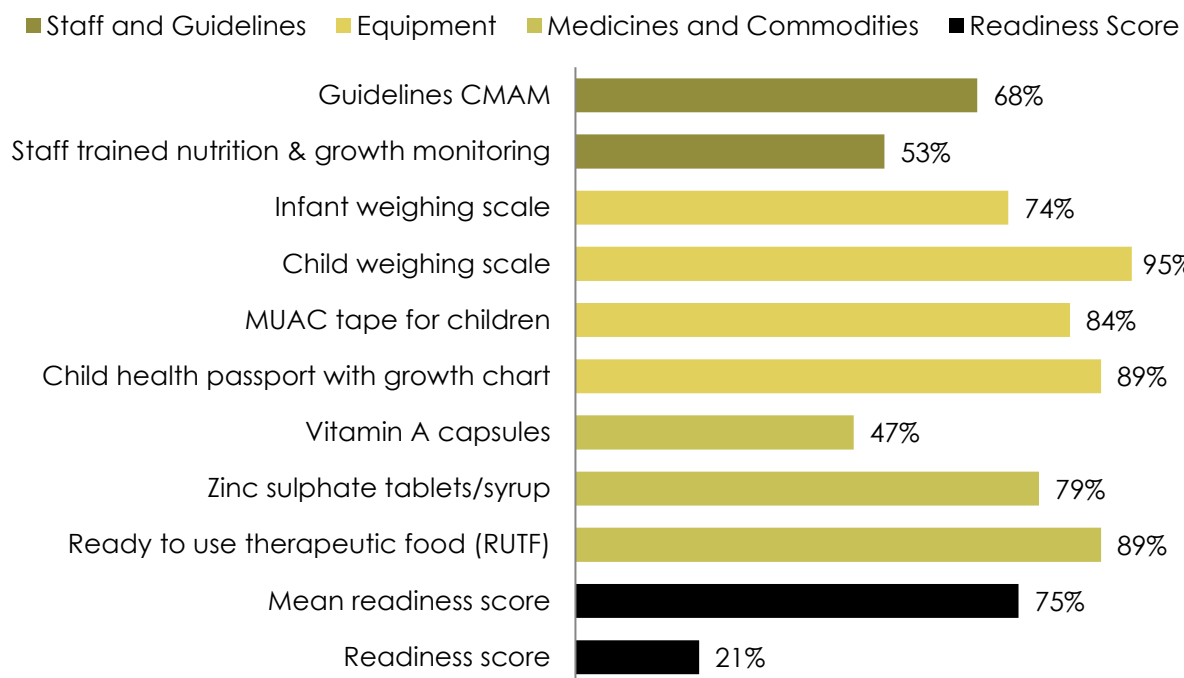
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N= National Average, D = District Average

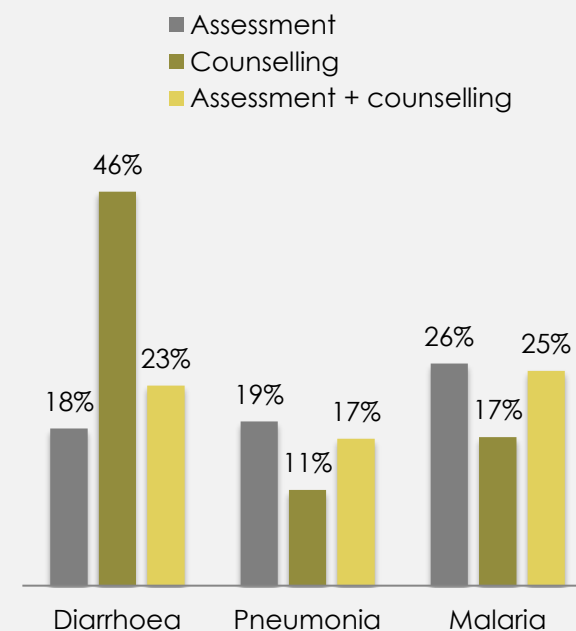
### Percentage of facilities that offer child nutrition services



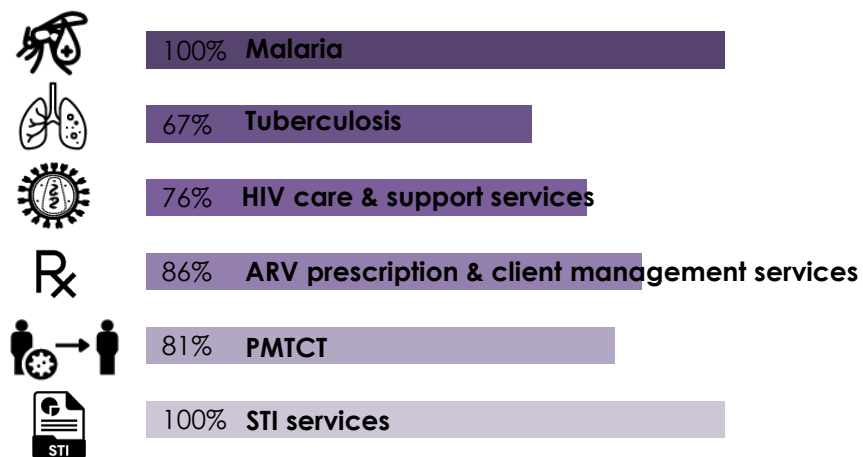
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

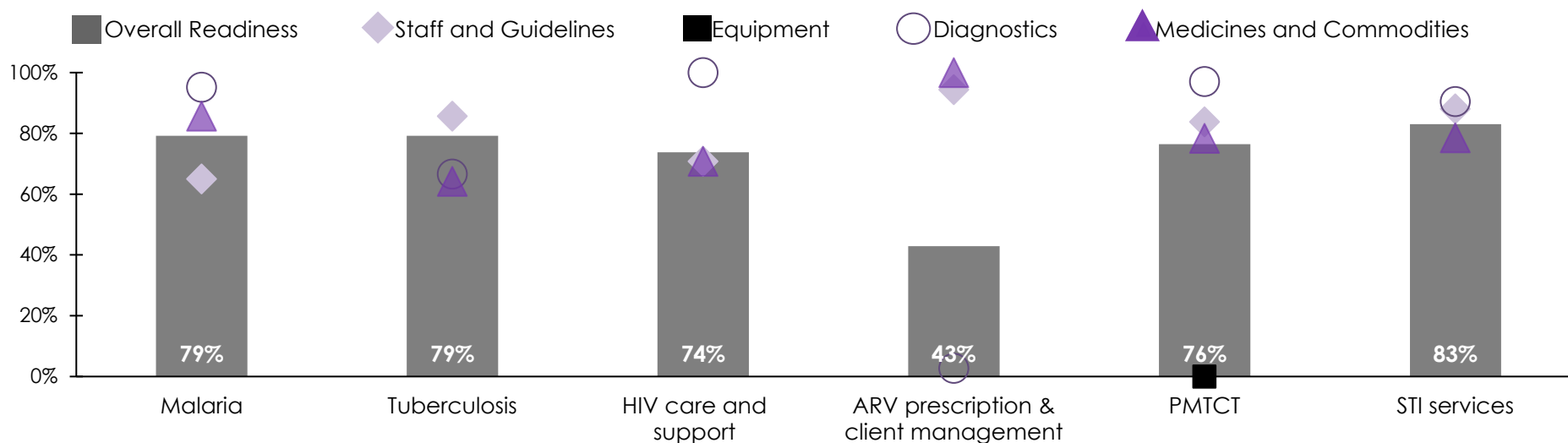


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	0%
Renal function test	8%	0%
Liver function test	8%	0%
CD4 count or viral load test	8%	6%
Full blood count	16%	6%
IV treatment fungal infections	12%	6%
TB microscopy	32%	14%
Guidelines for palliative care	39%	31%
Zidovudine syrup	17%	35%
First line TB medications	39%	50%

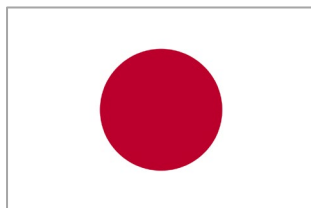
### Readiness\* to Provide Communicable Disease Services



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<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 11 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 35.51**



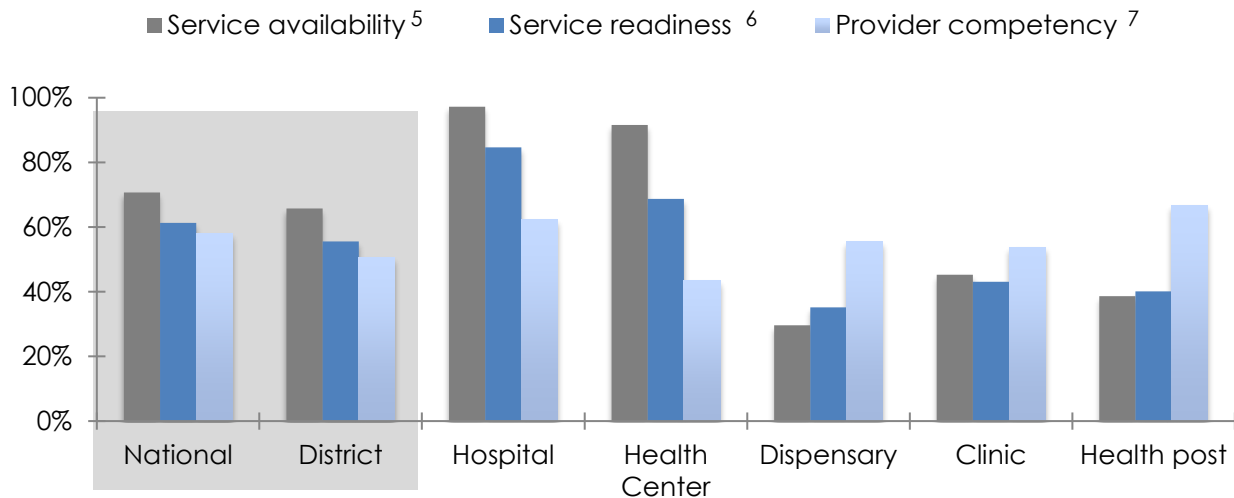
**Absenteeism** <sup>4</sup>

**N: 18%**

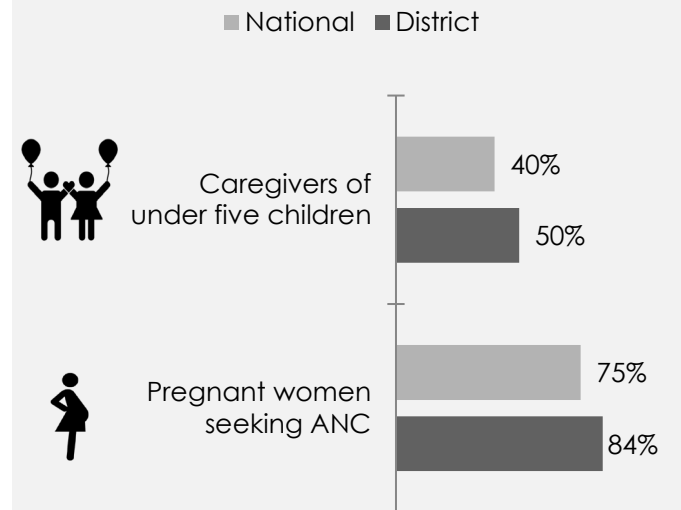
**D: 17%**



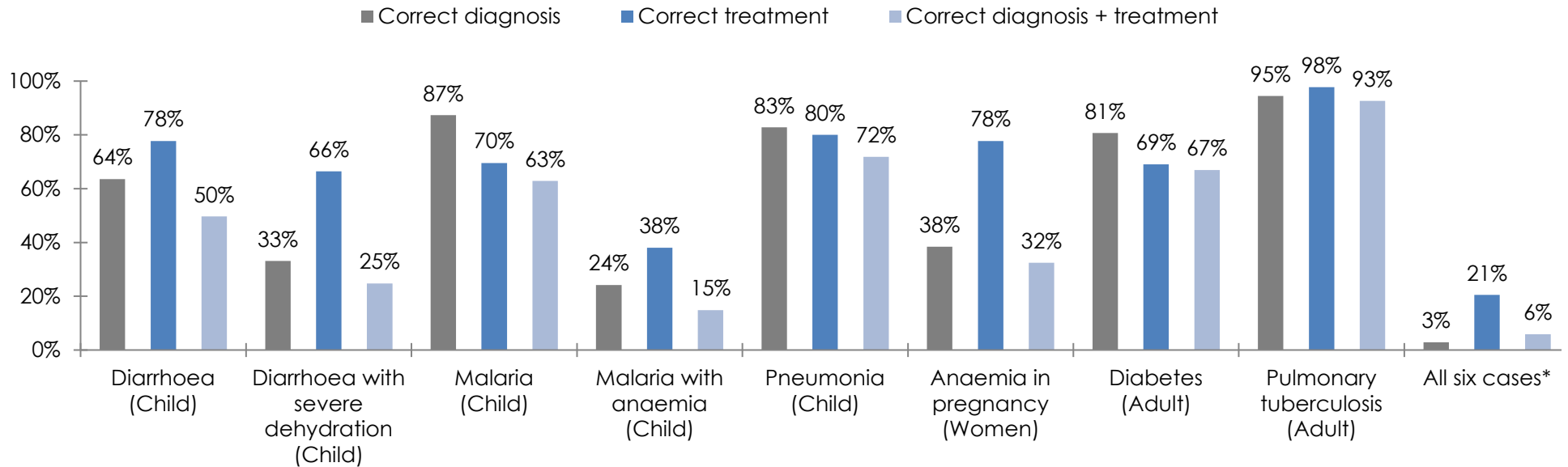
## Overall Performance for Delivering the Essential Health Package



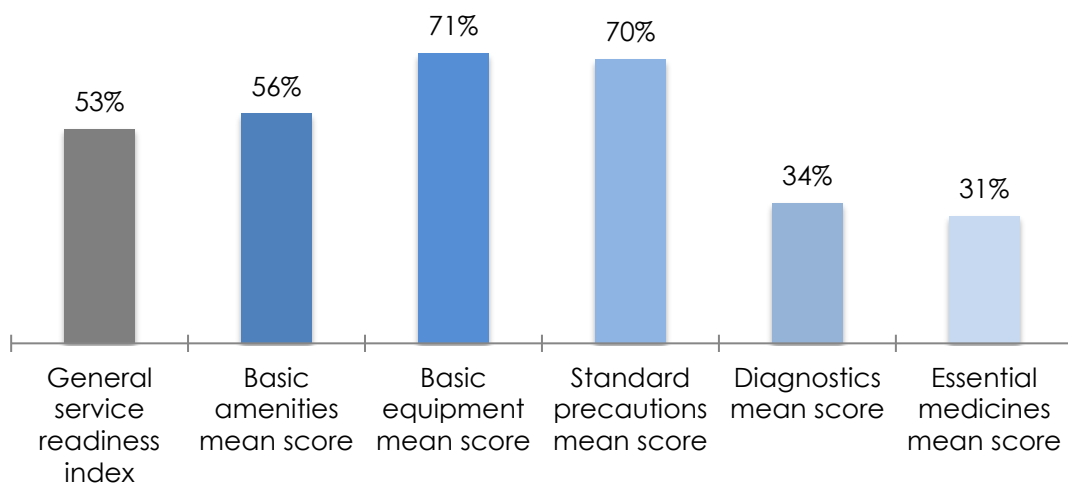
## Client Reported Quality of Visit <sup>8</sup>



## Provider Competency



## General Facility Infrastructure



## Least Available Infrastructure Items

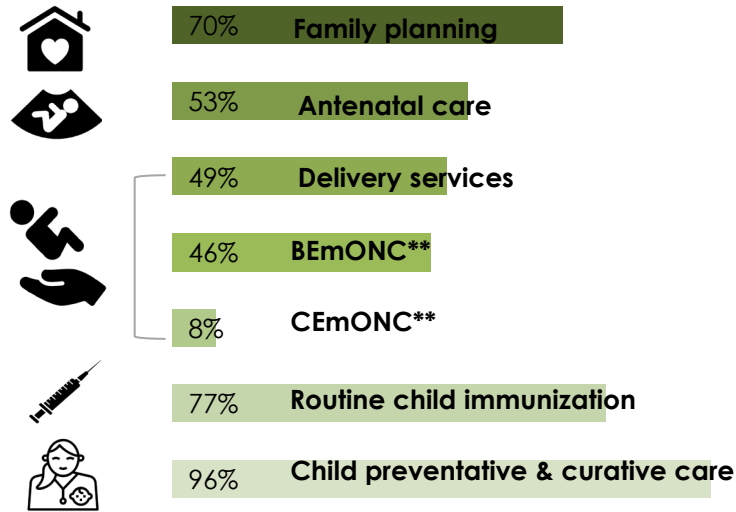
Percent of facilities with:

Item	N	D
Haloperidol tablet	3%	2%
Fluoxetine tablet	2%	2%
Carbamazepine tablet	5%	4%
Diazepam injectable	6%	4%
Insulin regular injection	11%	4%
Simvastatin tablet / other statin	10%	6%
Beclomethasone inhaler	13%	6%
Urine dipstick - glucose	22%	6%
Haemoglobin	14%	8%
Ampicillin powder for injection	15%	8%

\*All six cases excludes simple diarrhoea and simple malaria.



### Percentage Availability of MNCH Services

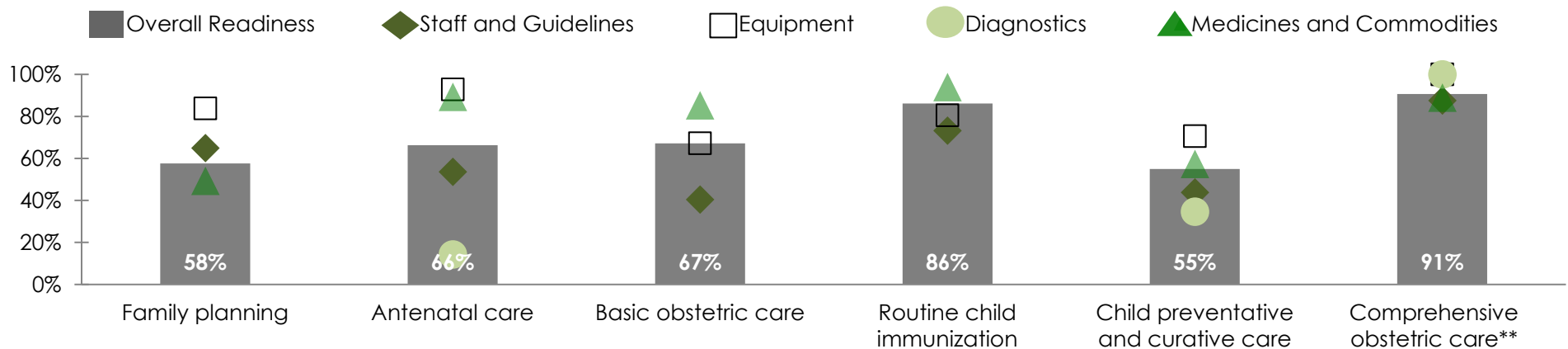


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
Haemoglobin - child health	14%	8%
Haemoglobin - ANC	18%	14%
Urine dipstick - protein	26%	14%
Staff trained essential childbirth care	40%	15%
General microscopy/wet mounts	22%	22%
Guidelines IMCI	45%	25%
Progestin-only contraceptive pills	55%	27%
Co-trimoxazole suspension	30%	31%
Staff trained ANC	42%	32%
Injectable contraceptives	54%	38%

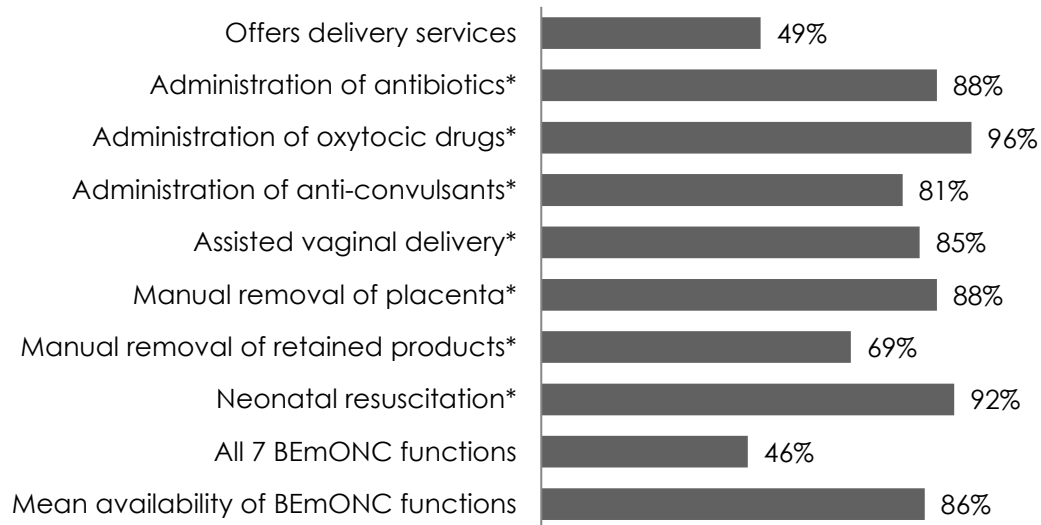
### Readiness\* to Provide MNCH Services



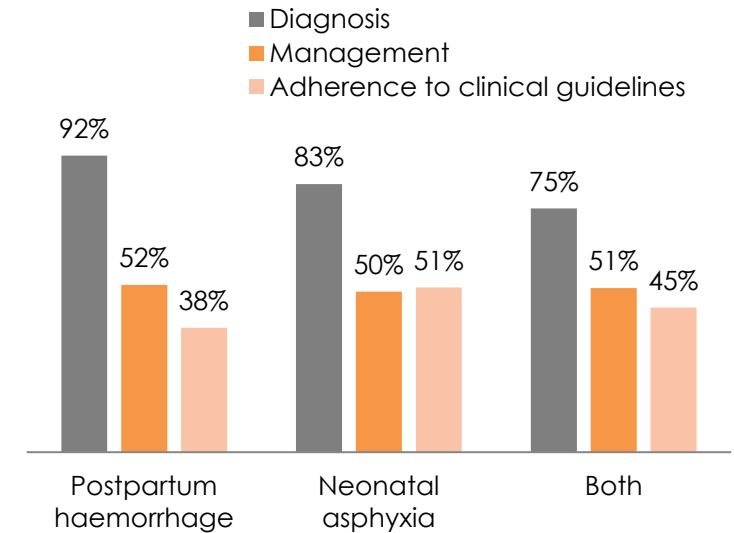
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 BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

**N** = National Average, **D** = District Average

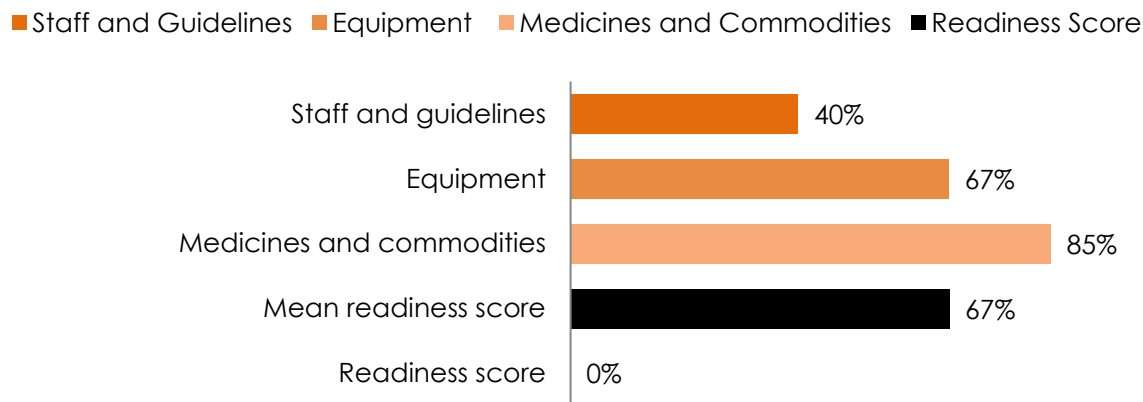
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

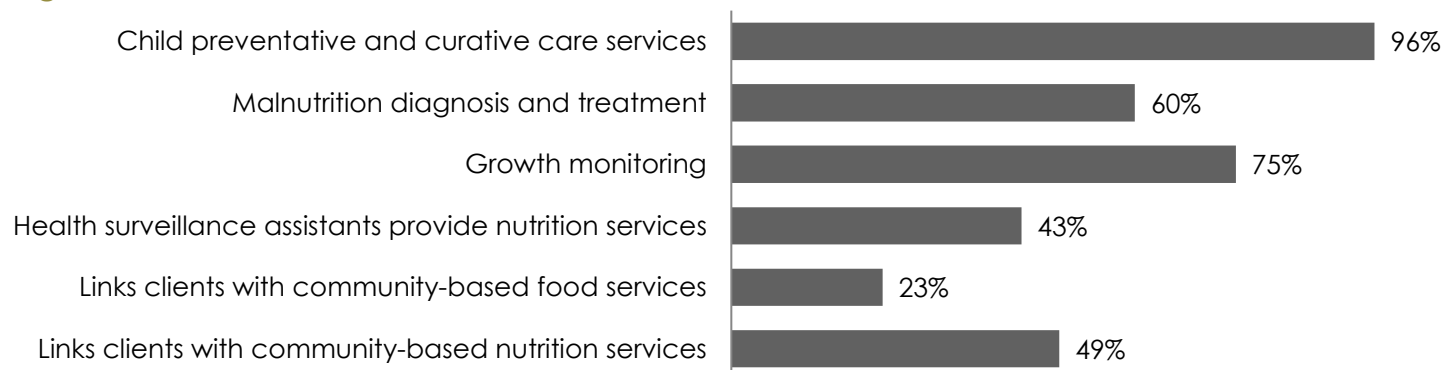
Item	N	D
Staff trained essential childbirth care	40%	15%
Vacuum aspirator or D&C kit	37%	38%
Examination light	58%	38%
Manual vacuum extractor	47%	42%
Staff trained newborn resuscitation	63%	46%
Check-lists / job-aids essential childbirth care	64%	46%
Sterilization equipment	47%	54%
Guidelines essential childbirth care	61%	54%

\* BEmONC signal function

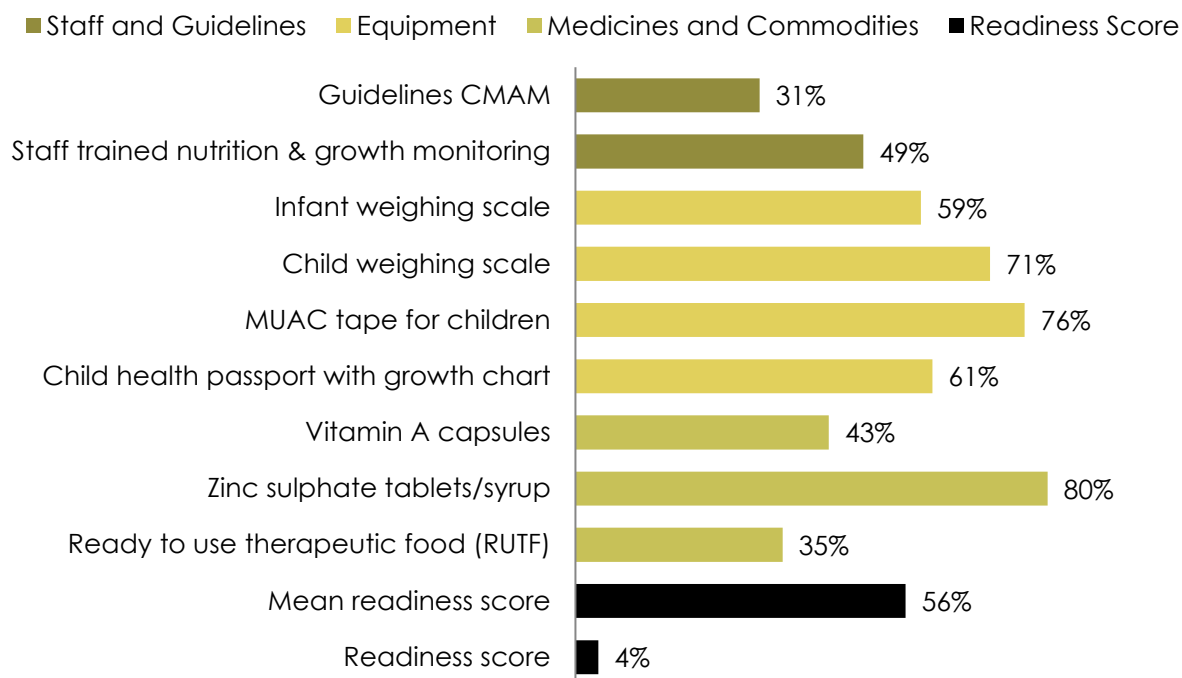
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

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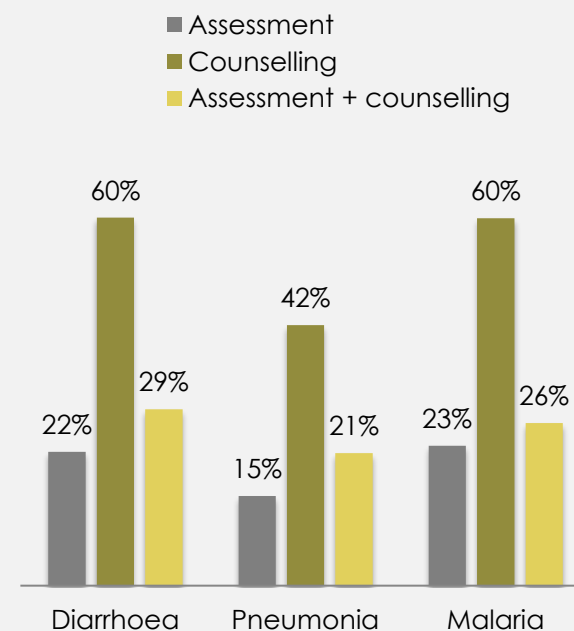
### Percentage of facilities that offer child nutrition services



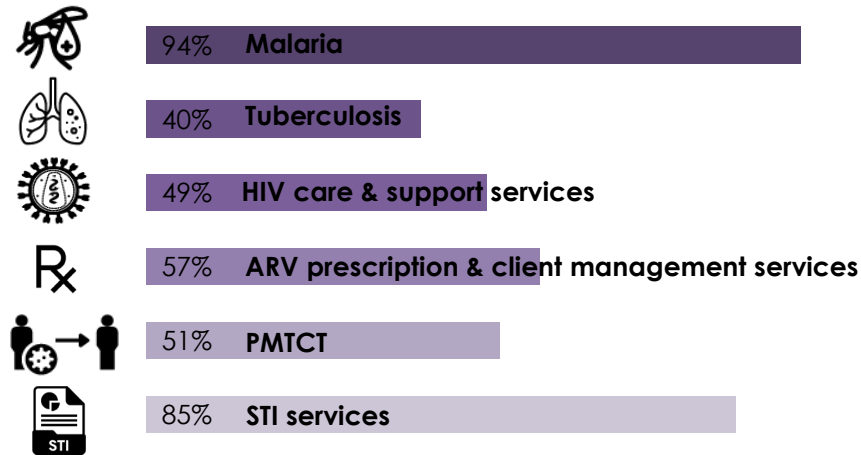
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

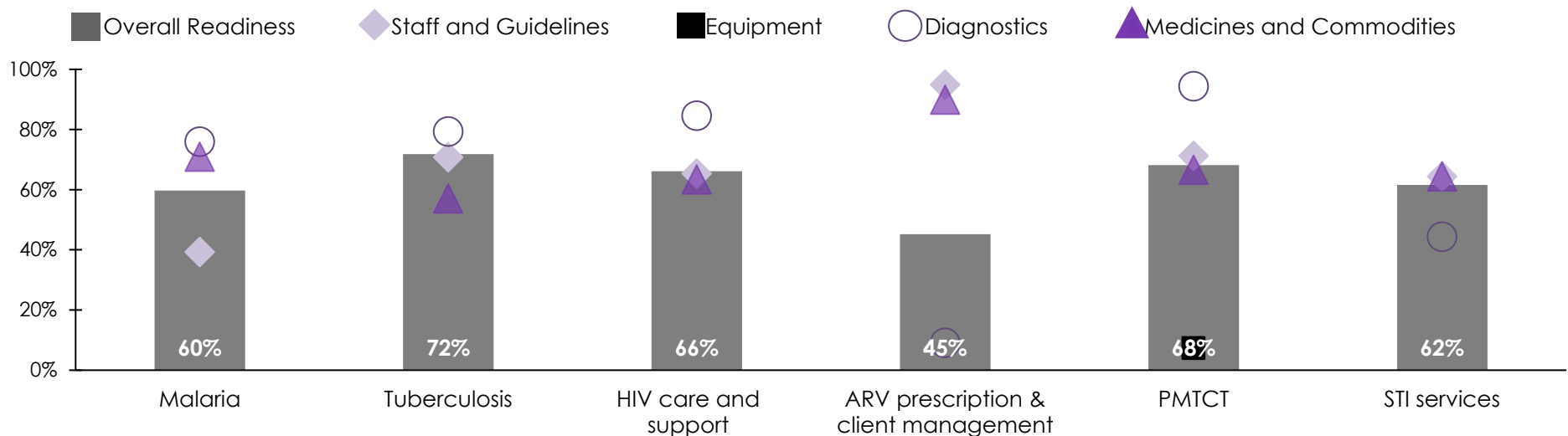


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Renal function test	8%	7%
Liver function test	8%	7%
Visual and auditory privacy PMTCT area	3%	7%
IV treatment fungal infections	12%	8%
CD4 count or viral load test	8%	10%
Full blood count	16%	13%
Guidelines for palliative care	39%	15%
Staff trained IPT	25%	20%
Zidovudine syrup	17%	22%
Guidelines IPT	41%	30%

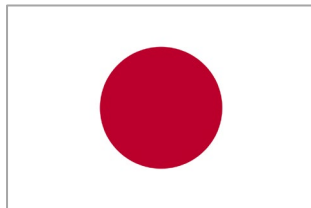
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<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

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<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility

## District Overview



## Health Workforce

**Workforce Density** <sup>2</sup>

**N: 10 /10,000**

**D: 19 /10,000**



**Caseload** <sup>3</sup>

**N: 40.13**

**D: 28.42**



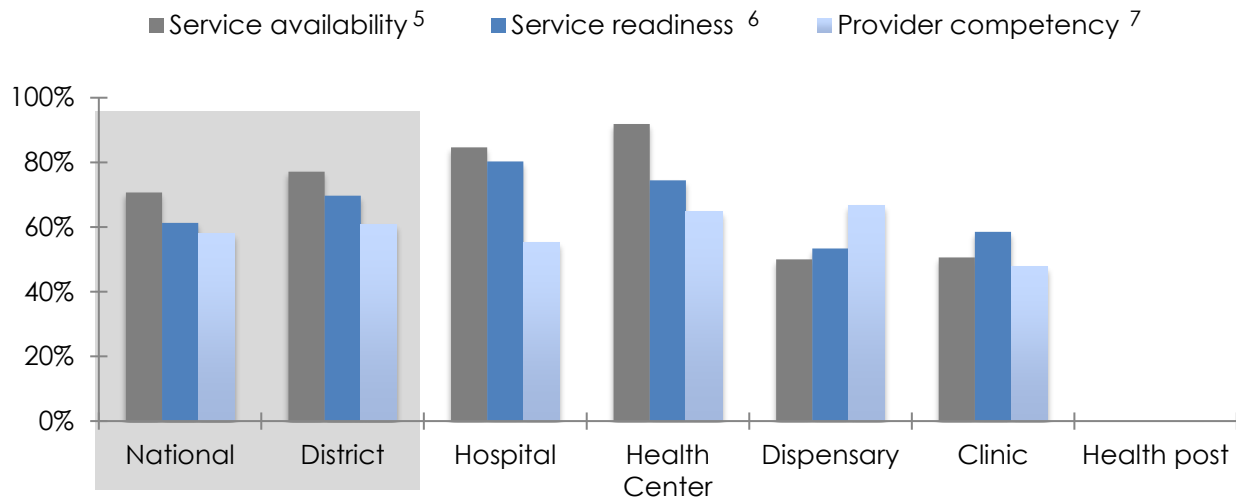
**Absenteeism** <sup>4</sup>

**N: 18%**

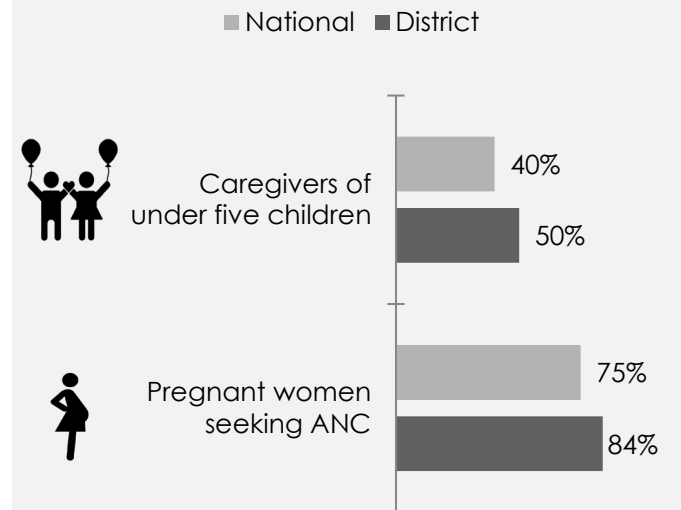
**D: 9%**



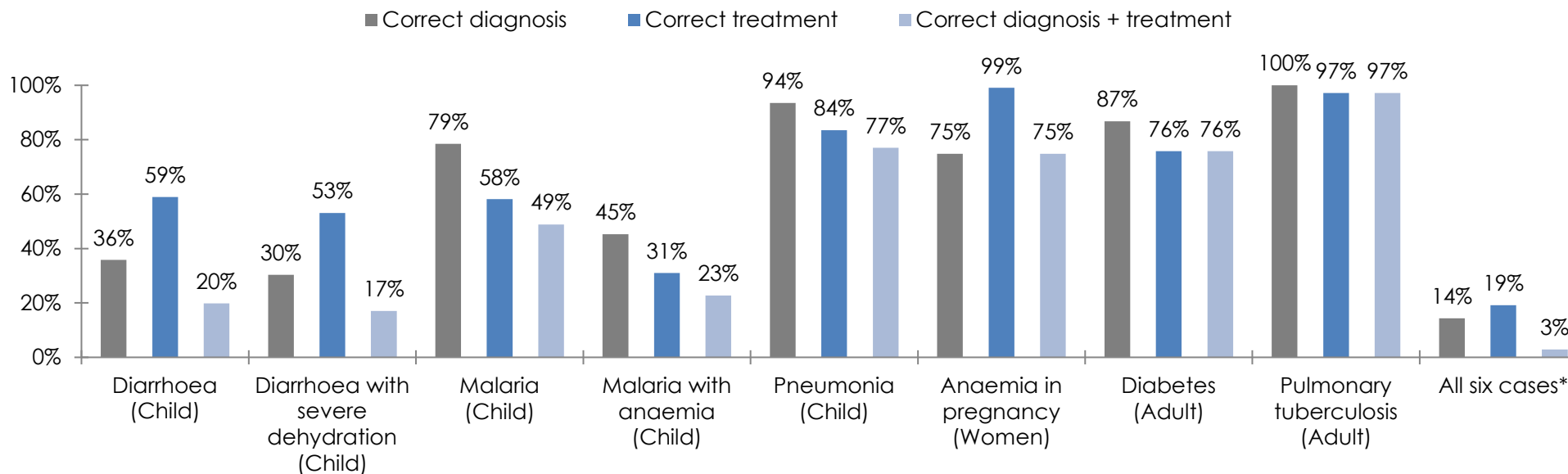
## Overall Performance for Delivering the Essential Health Package



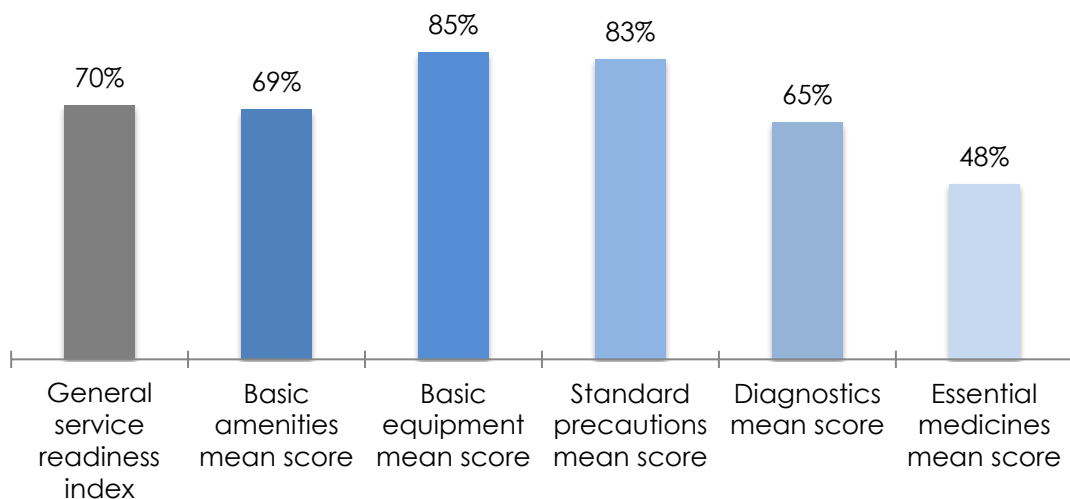
## Client Reported Quality of Visit <sup>8</sup>



### Provider Competency



### General Facility Infrastructure



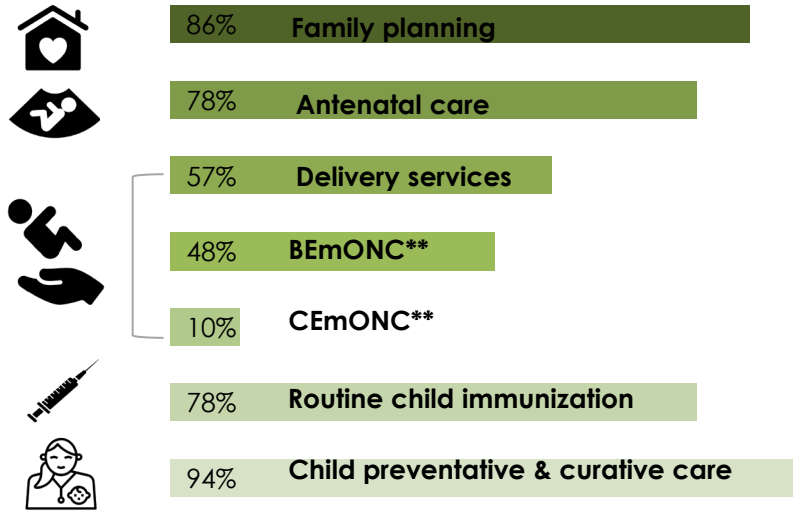
### Least Available Infrastructure Items

Percent of facilities with:

Item	N	D
Fluoxetine tablet	2%	2%
Haloperidol tablet	3%	6%
Carbamazepine tablet	5%	6%
Diazepam injectable	6%	6%
Beclomethasone inhaler	13%	8%
Insulin regular injection	11%	14%
Ampicillin powder for injection	15%	20%
Simvastatin tablet / other statin	10%	22%
Haemoglobin	14%	25%
Computer with internet	21%	33%

\*All six cases excludes simple diarrhoea and simple malaria.

### Percentage Availability of MNCH Services

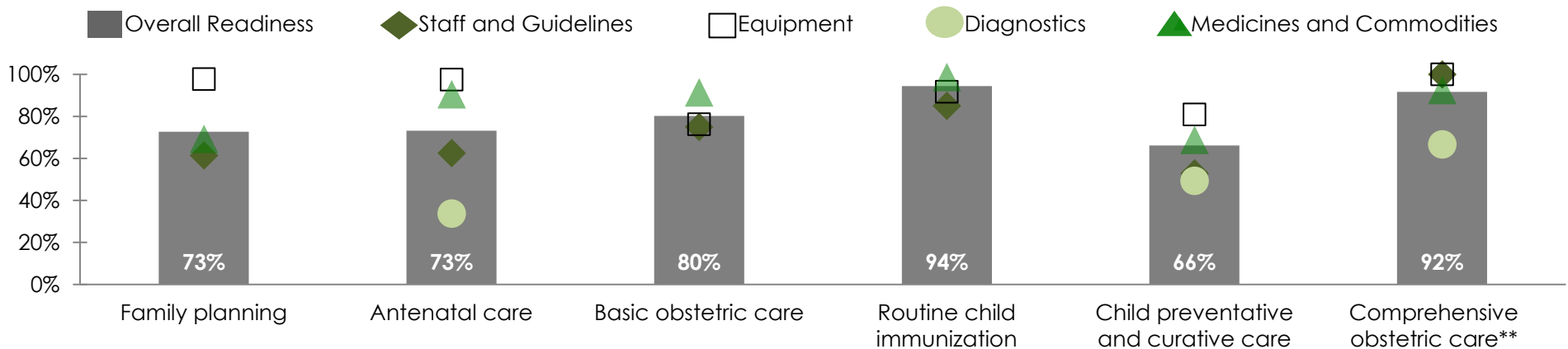


### Least Available MNCH Readiness Items

Percent of facilities with:

Item	N	D
General microscopy/wet mounts	22%	25%
Haemoglobin - child health	14%	27%
Haemoglobin - ANC	18%	30%
Urine dipstick - protein	26%	38%
Co-trimoxazole suspension	30%	42%
Vitamin A capsules	47%	42%
Guidelines IMCI	45%	48%
Staff trained growth monitoring	53%	48%
Staff trained ANC	42%	52%
Injectable contraceptives	54%	55%

### Readiness\* to Provide MNCH Services



\* The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

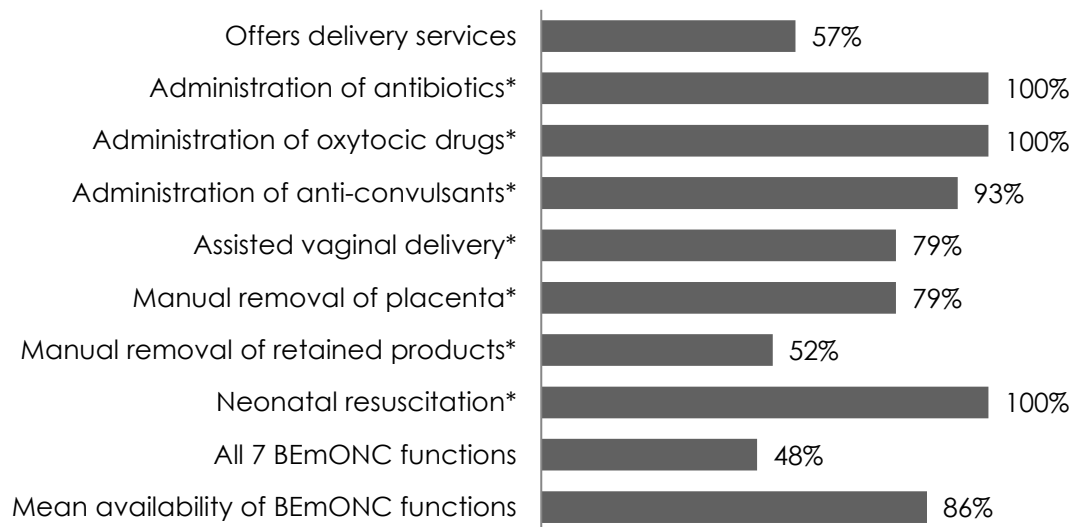
\*\* Only includes facilities offering delivery services

BEmONC = Basic Emergency Obstetric and Newborn Care; CEmONC = Comprehensive Emergency Obstetric and Newborn Care

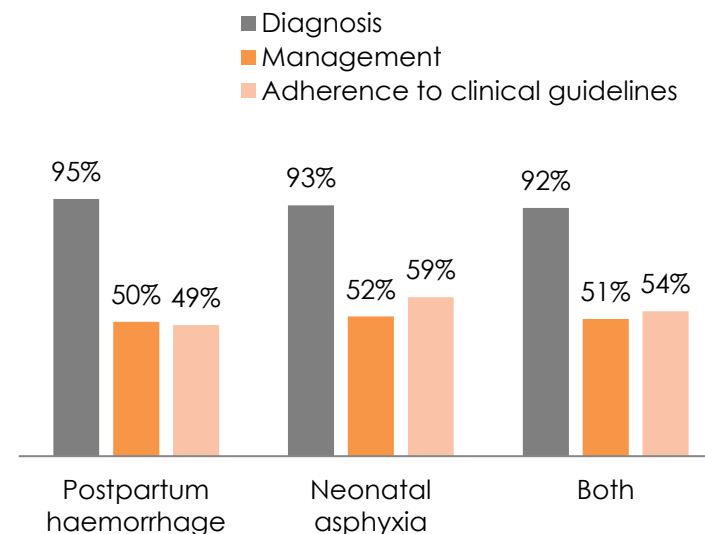
N = National Average, D = District Average



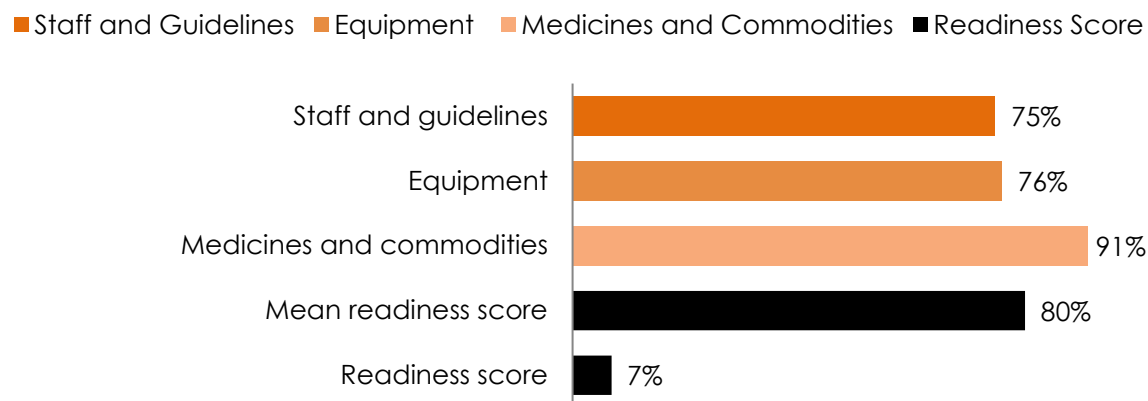
### Percentage of facilities that offer delivery services and basic emergency obstetric and newborn care (BEmONC) signal functions



### Provider competency on maternal and neonatal complications



### Percentage of facilities with delivery items among facilities that provide delivery services



### Least Available Delivery Readiness Items

Percent of facilities with:

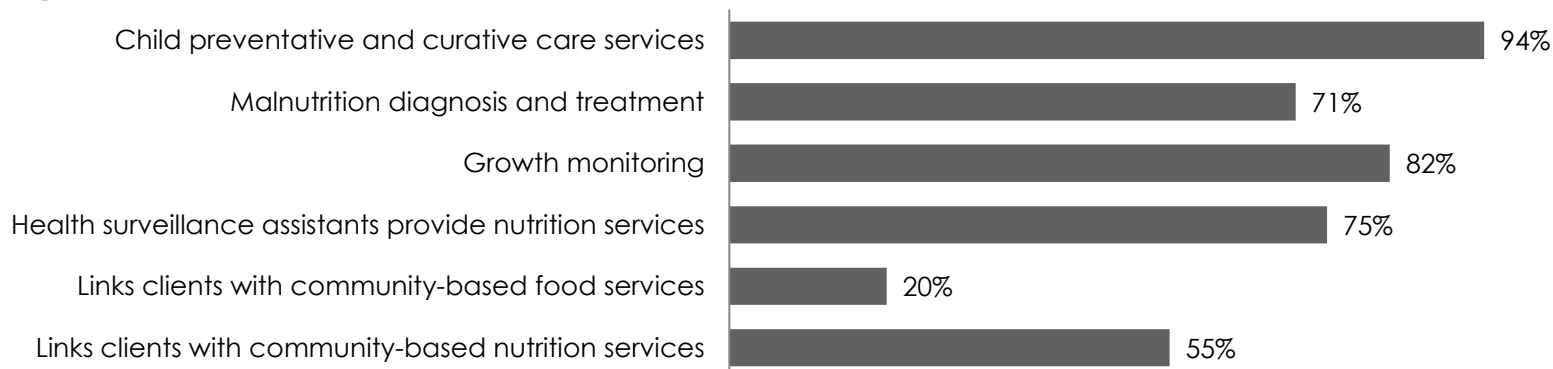
Item	N	D
Vacuum aspirator or D&C kit	37%	55%
Sterilization equipment	47%	55%
Manual vacuum extractor	47%	59%
Staff trained essential childbirth care	40%	59%
Soap and water / alcohol based hand rub	71%	69%
Delivery bed	55%	69%
Examination light	58%	72%
Guidelines essential childbirth care	61%	72%

\* BEmONC signal function

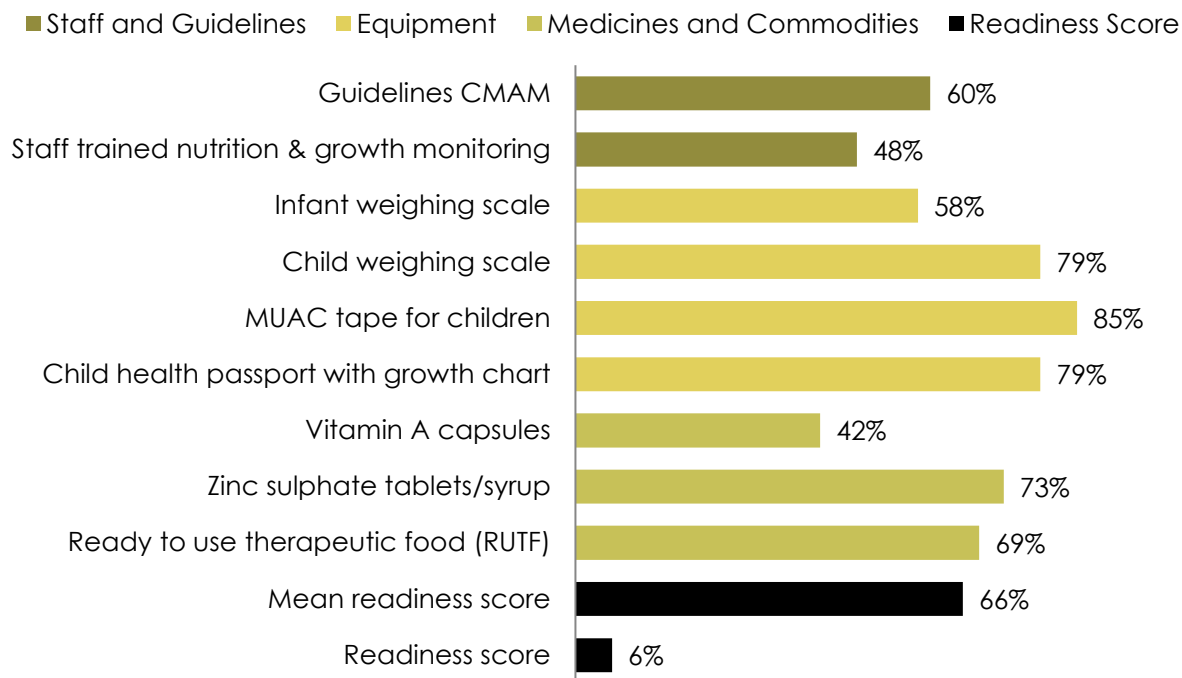
Mean readiness score is the mean availability of items; Readiness score is the percent of facilities with all items

N = National Average, D = District Average

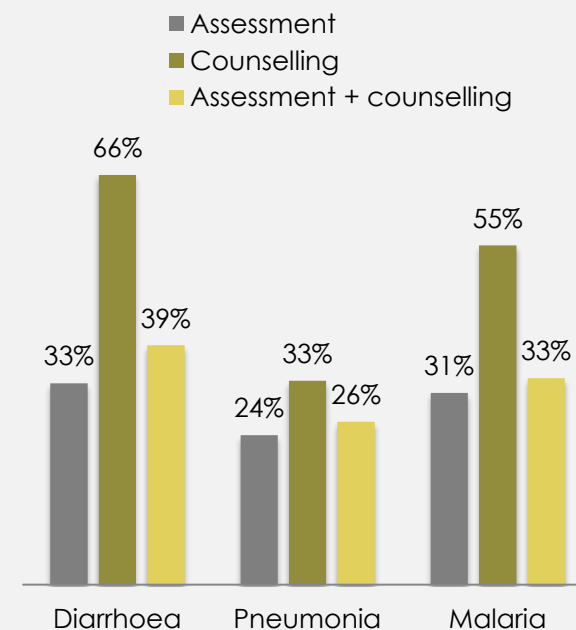
### Percentage of facilities that offer child nutrition services



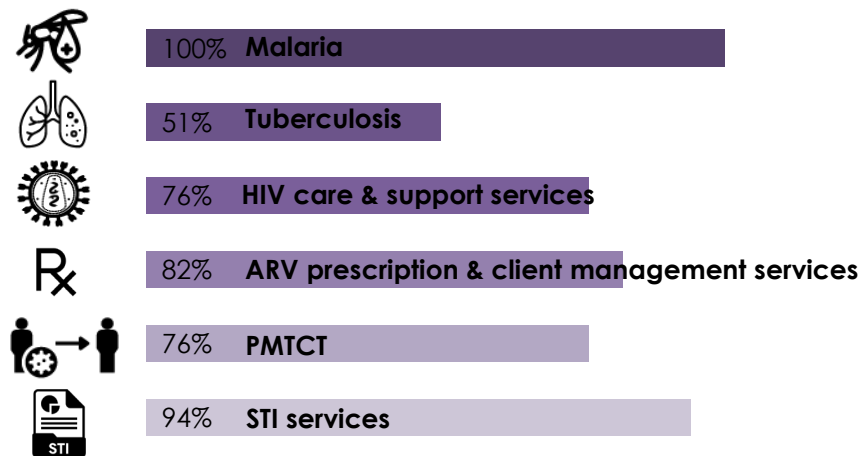
### Percentage of facilities with items for child nutrition services among facilities that provide child preventative and curative care services



### Provider competency on assessment and counselling of nutrition for sick children



### Percentage Availability of Communicable Disease Services

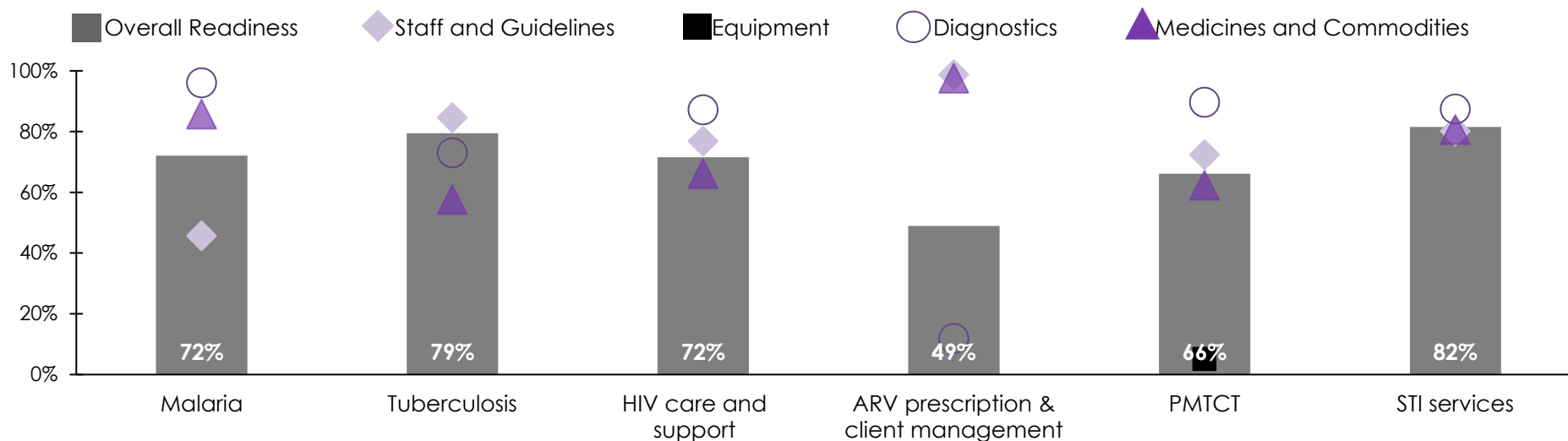


### Least Available Communicable Disease Readiness Items:

Percent of facilities with:

Item	N	D
Visual and auditory privacy PMTCT area	3%	5%
Zidovudine syrup	17%	5%
CD4 count or viral load test	8%	10%
Renal function test	8%	10%
Liver function test	8%	10%
IV treatment fungal infections	12%	13%
Full blood count	16%	19%
TB microscopy	32%	19%
Staff trained IPT	25%	27%
Guidelines for palliative care	39%	36%

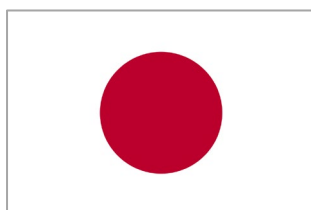
### Readiness\* to Provide Communicable Disease Services



\*The readiness score corresponds to the average availability (%) of the items in each of the four domains: Staff and guidelines, Equipment, Diagnostic capacity, and Medicines and commodities according to country guidelines.

**N** = National Average, **D** = District Average

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#### District Overview Data Sources

Population & Children below five: Malawi National Statistics Office Population and Housing Census 2018

Poverty rate: Malawi National Statistics Office Integrated Household Survey 2016/2017

Health expenditure: Government of Malawi Financial Reports, Health Public Expenditure Review

#### Indicator Definitions

<sup>1</sup>Public expenditure on Personnel Emoluments (PEs) and Other Recurrent Transfers (ORT) per capita, 2018/2019

<sup>2</sup>Health workforce density – Number of core health personnel per 10,000 population

<sup>3</sup>Caseload – Average number of outpatient consultations conducted by a health provider per day

<sup>4</sup>Absenteeism – Percentage of health workers who conduct inpatient or outpatient consultations that were absent (authorized and non-authorized) on the day of the survey

<sup>5</sup>Service Availability – Average number of health services offered at health facilities (including family planning, antenatal care, delivery, child preventative and curative care, malnutrition diagnosis and treatment, malaria, tuberculosis, and HIV)

<sup>6</sup>Service Readiness – Average facility readiness score across health services; calculated among facilities offering the service

<sup>7</sup>Provider Competency – Average percentage of vignettes/tracer conditions for which a provider gave the correct diagnosis and correct treatment

<sup>8</sup>Client reported quality of visit – Average percentage of components of care client reported receiving during visit to health facility