

ERRATUM

Ministry of Health, Community Development, Gender, Elderly and Children (MoHCDGEC) [Tanzania Mainland], Ministry of Health (MoH) [Zanzibar], National Bureau of Statistics (NBS), Office of the Chief Government Statistician (OCGS), and ICF. 2016. *Tanzania Demographic and Health Survey and Malaria Indicator Survey (TDHS-MIS) 2015-16*. Dar es Salaam, Tanzania, and Rockville, Maryland, USA: MoHCDGEC, MoH, NBS, OCGS, and ICF.

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CHAPTER 7: FAMILY PLANNING

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Table 7.1 Knowledge of contraceptive methods

Percentage of all respondents, currently married respondents, and sexually active unmarried respondents age 15-49 who know any contraceptive method, by specific method, Tanzania DHS-MIS 2015-16

Method	Women			Men		
	All women	Currently married women	Sexually active unmarried women ¹	All men	Currently married men	Sexually active unmarried men ¹
Any method	98.2	99.1	99.8	98.3	99.6	99.4
Any modern method	98.1	99.1	99.8	98.2	99.6	99.3
Female sterilisation	84.5	87.9	88.2	78.8	89.7	74.0
Male sterilisation	42.8	46.9	39.2	51.3	60.7	47.7
Pill	96.2	98.1	98.3	91.5	97.6	90.3
IUCD	83.0	88.9	88.3	66.9	82.4	57.9
Injectables	95.5	98.1	98.4	86.1	96.3	84.2
Implants	90.8	95.2	94.0	75.6	90.1	69.0
Male condom	94.8	95.8	98.9	96.2	98.5	97.9
Female condom	79.7	80.8	89.2	79.7	86.7	81.8
Emergency contraception	19.6	20.7	21.1	20.4	24.5	22.2
Standard days method	10.1	11.5	11.1	26.8	33.6	24.0
Lactational amenorrhoea (LAM)	33.5	37.9	31.5	27.9	36.8	25.9
Other modern method	9.5 <u>0.2</u>	11.9 <u>0.2</u>	9.6 <u>0.4</u>	0.0 <u>2.6</u>	4.2 <u>0.0</u>	1.9 <u>0.0</u>
Any traditional method	78.3 <u>79.4</u>	81.0 <u>82.4</u>	85.8 <u>85.9</u>	75.0 <u>75.3</u>	85.8 <u>86.3</u>	77.3
Rhythm	70.1	71.1	79.0	61.4	71.0	61.8
Withdrawal	61.1	67.7	66.7	64.7	77.1	66.4
Other	0.2 <u>29.5</u>	0.2 <u>11.9</u>	0.4 <u>9.6</u>	0.0 <u>2.6</u>	0.0 <u>4.2</u>	0.0 <u>1.9</u>
Mean number of methods known by respondents 15-49	8.7	9.1	9.1	8.3	9.5	8.1
Number of respondents	13,266	8,210	928	3,514	1,825	493

¹ Had last sexual intercourse within 30 days preceding the survey

CHAPTER 8: INFANT AND CHILD MORTALITY

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Table 8.5 High-risk fertility behaviour

Percent distribution of children born in the 5 years preceding the survey by category of elevated risk of mortality and the risk ratio, and percent distribution of currently married women by category of risk if they were to conceive a child at the time of the survey, Tanzania DHS-MIS 2015-16

Risk category	Births in the 5 years preceding the survey		Percentage of currently married women ¹
	Percentage of births	Risk ratio ^a	
Not in any high-risk category	26.3	1.00	22.4 <u>22.0</u> ^a
Unavoidable risk category			
First-order births between ages 18 and 34	18.7	1.47	5.7
Single high-risk category			
Mother's age <18	6.3	1.81	1.0
Mother's age >34	1.3	0.67	4.9
Birth interval <24 months	6.0	1.35	40.0 <u>10.4</u>
Birth order >3	20.5	0.87	15.4 <u>14.7</u>
Subtotal	34.1	1.12	31.0
Multiple high-risk category			
Age <18 and birth interval <24 months ²	0.4	(0.81)	0.3
Age >34 and birth interval <24 months	0.0	*	0.2
Age >34 and birth order >3	12.8	1.49	25.9 <u>25.7</u>
Age >34 and birth interval <24 months and birth order >3	2.1	1.27	5.4 <u>5.3</u>
Birth interval <24 months and birth order >3	5.6	1.32	9.4 <u>9.8</u>
Subtotal	20.9	1.41	40.8 <u>41.3</u>
In any avoidable high-risk category	55.0	1.23	74.8 <u>72.3</u>
Total	100.0	na	100.0
Number of births/women	10,052	na	8,210

Notes: Risk ratio is the ratio of the proportion dead among births in a specific high-risk category to the proportion dead among births not in any high-risk category. Figures in parentheses are based on 25-49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = Not applicable

¹ Women are assigned to risk categories according to the status they would have at the birth of a child if they were to conceive at the time of the survey: current age less than 17 years and 3 months or more than 34 years and 2 months, latest birth less than 15 months ago, or latest birth being of order 3 or higher.

² Includes the category of age <18 and birth order >3

^a Includes sterilized women

CHAPTER 9: MATERNAL HEALTH CARE

PAGE 174, SECTION 9.8, 4TH BULLET AND FIGURE 9.9

- There are marked regional differences in the percentage of women who received postnatal care within the first 2 days after giving birth. Simiyu and Geita regions have the lowest percentages having a postnatal check-up (9~~10~~% and 13%) while Iringa region has the highest percentage (72%), followed by Kilimanjaro (59%) and Dar es Salaam (58%).

Figure 9.9 Postnatal care for mothers by birth order

Percentage of women giving birth in the 2 years preceding the survey who received postnatal care within 2 days of delivery

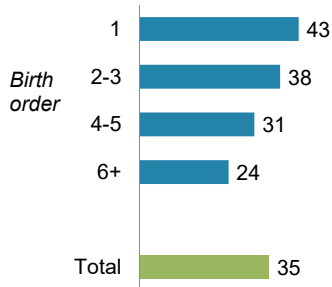
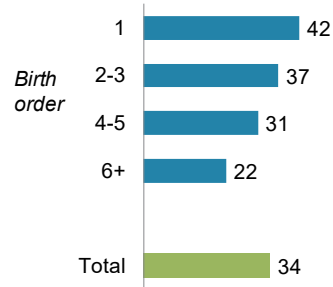


Figure 9.9 Postnatal care for mothers by birth order

Percentage of women giving birth in the 2 years preceding the survey who received postnatal care within 2 days of delivery



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9.9.1 Timing and Type of Provider

Postnatal care services for newborns should start as soon as possible after birth because many neonatal deaths occur within the first 48 hours of life. The majority (~~56.55%~~) of babies born in the 2 years before the 2015-16 TDHS-MIS did not receive any postnatal health check (Table 9.10).

Patterns by background characteristics

Newborns delivered in a health facility were much more likely to receive a postnatal health check-up within 2 days after birth than those delivered elsewhere (60% versus ~~10.1%~~) (Table 9.10).

Table 9.8 Timing of first postnatal checkup

Among women age 15-49 giving birth in the 2 years preceding the survey, the percent distribution of the mother's first postnatal check-up for the last live birth by time after delivery, and the percentage of women with a live birth in the 2 years preceding the survey who received a postnatal checkup in the first 2 days after giving birth, according to background characteristics, Tanzania DHS-MIS 2015-16

Background characteristic	Time after delivery of mother's first postnatal checkup ¹						No postnatal checkup ²	Total	Percentage of women with a postnatal checkup in the first 2 days after birth ¹	Number of women
	Less than 4 hours	4-23 hours	1-2 days	3-6 days	7-41 days	Don't know/missing				
Mother's age at birth										
<20	20.3 20.6	10.8	4.1	0.6	1.1	0.6	62.5 62.2	100.0	35.2	783
20-34	22.0 22.1	8.9	3.6	0.8	1.8	0.5	62.3 62.2	100.0	34.5	2,739
35-49	23.7	5.9	2.2	0.0	0.4	0.4	67.3	100.0	31.8	645
Birth order										
1	24.9 25.1	11.6	5.6	0.9	1.6	0.6	54.8 54.5	100.0	42.9 42.3	1,136
2-3	24.2	9.0	3.5	0.7	2.0	0.7	60.9 59.9	100.0	36.6	1,424
4-5	20.1	8.3	2.2	0.4	1.3	0.3	67.3	100.0	30.6	821
6+	45.8 15.9	5.0	1.6	0.5	0.6	0.2	76.3	100.0	22.4	786
Place of delivery										
Health facility	32.0	12.8	4.7	0.7	1.9	0.8	47.2	100.0	49.5	2,707
Elsewhere	3.4 3.7	4.4 1.5	1.1	0.7	0.7	0.0	92.7 92.3	100.0	6.9 6.3	1,460
Residence										
Urban	29.7	13.4	5.0	0.6	2.6	1.1	47.7	100.0	48.0	1,155
Rural	49.0 19.2	7.1	2.9	0.7	1.1	0.3	69.0	100.0	28.9	3,013
Tanzania Mainland/ Zanzibar										
Tanzania Mainland	24.7 21.8	8.8 8.9	3.5	0.6	1.5	0.5	63.3 63.2	100.0	34.4 34.2	4,061
Urban	29.5	13.5	5.0	0.6	2.6	1.1	47.7	100.0	48.0	1,128
Rural	18.8 18.9	7.1	2.9	0.7	1.0	0.3	69.3 69.1	100.0	28.7 28.9	2,933
Zanzibar	30.6 30.8	7.4	2.2	1.5	1.7	0.2	56.5 56.3	100.0	40.4 40.3	106
Unguja	34.4 34.7	10.1	1.3	1.1	2.0	0.4	50.8 50.5	100.0	45.8 46.0	68
Pemba	23.8	2.5	3.7	2.2	1.1	0.0	66.6	100.0	30.0	38
Zone										
Western	22.4	6.8	2.2	0.4	0.0	0.3	68.0	100.0	31.4	534
Northern	25.2	7.9	5.3	0.8	2.0	0.6	58.1	100.0	38.5	399
Central	24.1 24.2	9.9	4.3	1.0	0.5	0.2	60.4 59.9	100.0	38.3 38.4	486
Southern Highlands	32.6	19.5	6.4	2.1	2.9	1.6	34.9	100.0	58.5	218
Southern	33.8	12.3	4.8	0.4	4.6	0.7	43.4	100.0	51.0	148
South West										
Highlands	16.7	9.0	4.1	0.0	1.2	0.3	68.7	100.0	29.8	415
Lake	42.3 12.4	5.2 5.3	2.6	0.5	1.3	0.2	77.9 77.7	100.0	20.4 20.3	1,280
Eastern	34.4 34.4	13.4	2.7	0.9	2.5	1.4	44.9 44.7	100.0	60.3 50.5	581
Zanzibar	30.6 30.8	7.4	2.2	1.5	1.7	0.2	56.5 56.3	100.0	40.4 40.3	106
Region										
Dodoma	26.4	17.0	2.7	1.7	0.0	0.0	52.2	100.0	46.0	188
Arusha	18.7	6.7	4.1	0.8	3.7	0.0	66.1	100.0	29.5	141
Kilimanjaro	31.0	17.8	10.5	0.0	1.1	0.0	39.6	100.0	59.2	67
Tanga	28.0	5.4	4.3	1.0	1.1	1.3	58.8	100.0	37.8	190
Morogoro	22.9 23.9	10.6	3.6	2.4	3.9	1.6	55.4 54.1	100.0	37.1	165
Pwani	31.5	12.6	3.6	0.0	0.0	0.0	52.3	100.0	47.7	86
Dar es Salaam	40.3	15.1	2.1	0.5	2.5	1.6	37.9	100.0	57.5	330
Lindi	26.1	13.5	5.6	0.9	3.5	0.0	50.3	100.0	45.3	63
Mtwara	39.6	11.4	4.2	0.0	5.4	1.2	38.2	100.0	55.2	85
Ruvuma	30.3	19.4	3.4	0.8	3.6	1.0	41.5	100.0	53.1	101
Iringa	43.1	18.9	9.9	2.2	0.7	1.4	23.6	100.0	72.0	68
Mbeya	17.3	12.4	5.9	0.0	1.6	0.0	62.8	100.0	35.6	240
Singida	29.9 30.5	6.7	4.2	0.5	0.0	0.6	58.9 57.4	100.0	40.9 41.5	141
Tabora	23.1	6.9	1.8	0.3	0.0	0.4	67.5	100.0	31.8	318
Rukwa	14.5	5.0	1.9	0.0	0.6	1.1	76.8	100.0	21.4	120
Kigoma	21.3	6.6	2.8	0.5	0.0	0.0	68.8	100.0	30.7	217
Shinyanga	22.3	41.9 12.3	2.7	0.4	3.3	0.5	58.9 58.5	100.0	36.9 37.3	194
Kagera	11.4	7.8	3.5	2.3	3.1	0.0	71.9	100.0	22.7	203
Mwanza	12.8	2.8	5.2	0.2	0.5	0.0	78.6	100.0	20.7	290
Mara	9.3	7.3	2.2	0.0	0.3	0.0	81.0	100.0	18.8	199
Manyara	16.0	4.1	6.4	0.5	1.5	0.0	71.4	100.0	26.5	157
Njombe	23.0	20.4	7.7	4.6	4.4	3.1	36.8	100.0	51.1	50
Katavi	18.7	3.3	0.9	0.0	0.6	0.0	76.5	100.0	22.8	56
Simiyu	7.5 8.3	1.4	0.0	0.0	1.1	0.0	90.9 89.2	100.0	8.9 9.7	202
Geita	10.6	1.2	0.9	0.0	0.0	1.0	86.3	100.0	12.7	192
Kaskazini Unguja	26.4 27.4	4.7	0.0	0.9	0.9	1.4	65.7 64.7	100.0	34.4 32.1	18
Kusini Unguja	37.6	11.9	1.7	1.1	4.4	0.0	43.3	100.0	51.2	11
Mjini Magharibi	37.2	12.0	1.7	1.1	1.8	0.0	46.2	100.0	50.9	39
Kaskazini Pemba	20.6	2.7	4.9	1.6	1.5	0.0	68.8	100.0	28.2	21
Kusini Pemba	27.6	2.2	2.4	3.0	0.7	0.0	64.2	100.0	32.2	17
Education										
No education	15.4	6.3	1.1	0.4	0.4	0.4	75.9	100.0	22.9	801
Primary incomplete	18.8	4.8	3.3	0.3	1.2	0.6	71.0	100.0	26.9	540
Primary complete	21.8	9.5	3.5	0.8	1.3	0.3	62.8 62.6	100.0	34.8 35.0	2,121
Secondary+	32.3 32.4	12.7	6.1	1.0	3.4	1.1	43.4 43.3	100.0	51.4 51.2	704
Wealth quintile										
Lowest	45.7 15.8	5.0	1.5	0.7	0.5	0.3	76.4 76.3	100.0	22.2	1,011
Second	19.8	6.1	2.7	0.4	1.1	0.3	69.7	100.0	28.5	876
Middle	49.5 19.8	8.5 8.6	3.6	0.4	1.5	0.3	66.2 65.8	100.0	31.6	782
Fourth	25.2 25.3	11.8	4.2	0.7	1.3	0.5	56.3 56.2	100.0	41.2	794
Highest	32.8 32.9	14.7	6.1	1.2	3.5	1.4	40.2	100.0	53.6	704
Total	22.0 22.1	8.8	3.4	0.7	1.5	0.5	63.4 63.0	100.0	34.2 34.3	4,167

¹ Includes women who received a checkup from a doctor, midwife, nurse, community health worker, or traditional birth attendant

² Includes women who received a checkup after 41 days

Table 9.9 Type of provider of first postnatal checkup for the mother

Among women age 15-49 giving birth in the 2 years preceding the survey, the percent distribution by type of provider of the mother's first postnatal health check in the 2 days after the last live birth, according to background characteristics, Tanzania DHS-MIS 2015-16

Background characteristic	Type of health provider of mother's first postnatal checkup					Total	Number of women
	Doctor, assistant medical officer, clinical officer, nurse, midwife	Assistant clinical officer, assistant nurse, MCH aid	Traditional birth attendant	Community health worker	No postnatal checkup in the first 2 days after birth		
Mother's age at birth							
<20	32.4	2.0	0.8	0.0	64.8 64.5	100.0	783
20-34	31.6	1.9	0.8	0.2	65.5	100.0	2,739
35-49	29.7	1.7	0.4	0.0	68.2	100.0	645
Birth order							
1	39.6	1.4	0.9 1.2	0.1	58.0 57.7	100.0	1,136
2-3	33.5	2.1	0.9 1.0	0.1	63.4	100.0	1,424
4-5	27.8	2.6	0.2 0.3	0.0	69.4 69.3	100.0	821
6+	20.0	1.7	0.5	0.2	77.6	100.0	786
Place of delivery							
Health facility	46.9	2.4	0.1	0.1	50.5	100.0	2,707
Elsewhere	2.9	0.9	1.9 2.2	0.2	94.0 93.7	100.0	1,460
Residence							
Urban	46.6	1.4	0.0	0.0	52.0	100.0	1,155
Rural	25.7	2.1	1.0	0.1	71.4 70.9	100.0	3,013
Tanzania Mainland/ Zanzibar							
Tanzania Mainland	31.3	1.9	0.7 0.8	0.1	65.9 65.8	100.0	4,061
Urban	46.6	1.4	0.0	0.0	52.0	100.0	1,128
Rural	25.5	2.1	1.0	0.1	71.3 71.1	100.0	2,933
Zanzibar	37.5	1.3	1.0	0.4	59.9 59.7	100.0	106
Unguja	44.1	1.0	0.6	0.0	54.2 54.0	100.0	68
Pemba	25.7	1.7	1.5	1.1	70.0	100.0	38
Zone							
Western	28.5	1.9	0.7	0.3	68.6	100.0	534
Northern	37.3	0.1	1.1	0.0	61.5	100.0	399
Central	31.7	5.1	1.4 1.6	0.0	64.7 61.6	100.0	486
Southern Highlands	56.9	1.2	0.4	0.0	41.5	100.0	218
Southern	47.1	3.1	0.7	0.0	49.0	100.0	148
South West Highlands	29.0	0.8	0.0	0.0	70.2	100.0	415
Lake	18.4	1.0	0.5 0.7	0.2	79.9 79.7	100.0	1,280
Eastern	46.1	3.3	0.9 1.2	0.0	49.7 49.5	100.0	581
Zanzibar	37.5 37.7	1.3	1.0	0.4	59.9 59.7	100.0	106
Region							
Dodoma	35.3	9.8	0.9	0.0	54.0	100.0	188
Arusha	27.4	0.0	2.1	0.0	70.5	100.0	141
Kilimanjaro	58.3	0.9	0.0	0.0	40.8	100.0	67
Tanga	37.1	0.0	0.7	0.0	62.2	100.0	190
Morogoro	30.7	3.2	3.24 1	0.0	62.9 61.9	100.0	165
Pwani	42.9	4.8	0.0	0.0	52.3	100.0	86
Dar Es Salaam	54.6	3.0	0.0	0.0	42.5	100.0	330
Lindi	44.5	0.8	0.0	0.0	54.7	100.0	63
Mtwara	49.1	4.8	1.3	0.0	44.8	100.0	85
Ruvuma	50.7	1.5	0.9	0.0	46.9	100.0	101
Iringa	72.0	0.0	0.0	0.0	28.0	100.0	68
Mbeya	35.6	0.0	0.0	0.0	64.4	100.0	240
Singida	35.2	4.6	1.1 1.7	0.0	59.4 58.5	100.0	141
Tabora	28.1	2.8	0.4	0.5	68.2	100.0	318
Rukwa	19.6	1.8	0.0	0.0	78.6	100.0	120
Kigoma	29.2	0.5	1.0	0.0	69.3	100.0	217
Shinyanga	33.3	2.3	0.8 1.2	0.5	63.4 62.7	100.0	194
Kagera	21.4	0.6	0.7	0.0	77.3	100.0	203
Mwanza	19.0	0.7	0.4	0.5	79.3	100.0	290
Mara	17.4	0.9	0.5	0.0	81.2	100.0	199
Manyara	24.1	0.0	2.4	0.0	73.5	100.0	157
Njombe	48.9	2.3	0.0	0.0	48.9	100.0	50
Katawi	20.7	2.1	0.0	0.0	77.2	100.0	56
Simiyu	7.3	1.2	0.5 1.2	0.0	91.4 90.3	100.0	202
Geita	12.1	0.6	0.0	0.0	87.3	100.0	192
Kaskazini Unguja	27.6 28.6	1.0	2.5	0.0	68.9 67.9	100.0	18
Kusini Unguja	48.6	2.5	0.0	0.0	48.8	100.0	11
Mjini Magharibi	50.3	0.6	0.0	0.0	49.1	100.0	39
Kaskazini Pemba	26.9	0.0	0.6	0.7	71.8	100.0	21
Kusini Pemba	24.3	3.8	2.7	1.5	67.8	100.0	17
Education							
No education	19.3	2.6	1.0	0.0	77.1	100.0	801
Primary incomplete	26.2	0.2	0.3	0.2	73.1	100.0	540
Primary complete	31.7	2.2	0.7 0.9	0.1	65.2	100.0	2,121
Secondary+	48.7	1.6	0.7 0.8	0.0	48.9 48.8	100.0	704
Wealth quintile							
Lowest	19.7	1.7	0.7 0.8	0.1	77.8	100.0	1,011
Second	25.2	2.2	1.2	0.0	71.5	100.0	876
Middle	28.2	2.3	0.9 1.4	0.2	68.4	100.0	782
Fourth	38.3	2.0	0.6 0.7	0.2	58.8	100.0	794
Highest	52.3	1.3	0.0	0.0	46.4	100.0	704
Total	31.5	1.9	0.7 0.8	0.1	65.8 65.7	100.0	4,167

Table 9.10 Timing of first postnatal checkup for the newborn

Percent distribution of last births in the 2 years preceding the survey by time after birth of first postnatal checkup, and the percentage of births with a postnatal checkup in the first 2 days after birth, according to background characteristics, Tanzania DHS-MIS 2015-16

Background characteristic	Time after birth of newborn's first postnatal checkup ¹						No postnatal checkup ²	Total	Percentage of births with a postnatal checkup in the first 2 days after birth	Number of births
	Less than 1 hour	1-3 hours	4-23 hours	1-2 days	3-6 days	Don't know/missing				
Mother's age at birth										
<20	9.0	<u>21.1 21.8</u>	9.6	5.5	0.4	0.8	<u>53.4 52.7</u>	100.0	<u>45.3 46.0</u>	783
20-34	7.7	22.0	8.8	<u>4.0 4.1</u>	2.0	0.7	<u>54.9 54.8</u>	100.0	<u>42.4 42.6</u>	2,739
35-49	8.2	16.8	7.8	4.3	<u>1.5 2.1</u>	1.0	<u>60.3 59.8</u>	100.0	37.1	645
Birth order										
1	<u>40.3 10.4</u>	<u>23.9 24.4</u>	11.2	<u>5.8 6.0</u>	1.5	1.0	<u>46.3 45.6</u>	100.0	<u>51.2 51.9</u>	1,136
2-3	8.9	23.0	8.4	4.6	2.0	0.7	52.4	100.0	44.9	1,424
4-5	6.5	20.7	<u>8.2 8.3</u>	2.9	<u>1.9 2.0</u>	0.8	<u>59.0 58.8</u>	100.0	<u>38.3 38.4</u>	821
6+	4.6	13.6	6.6	3.1	<u>0.8 1.3</u>	0.6	<u>70.6 70.1</u>	100.0	28.0	786
Place of delivery										
Health facility	11.9	30.1	12.5	5.1	1.1	1.2	38.2	100.0	59.5	2,707
Elsewhere	0.8	<u>4.2 4.6</u>	2.0	<u>2.9 3.0</u>	<u>2.5 2.9</u>	0.0	<u>87.6 86.6</u>	100.0	<u>9.9 10.5</u>	1,460
Residence										
Urban	11.2	31.1	11.9	6.3	1.6	1.0	36.9	100.0	60.5	1,155
Rural	6.8	<u>17.2 17.4</u>	7.6	3.6	<u>1.6 1.8</u>	0.7	<u>62.6 62.1</u>	100.0	35.1	3,013
Tanzania Mainland/ Zanzibar										
Tanzania Mainland	7.8	<u>21.1 21.2</u>	<u>8.9 9.0</u>	4.4	<u>1.6 1.7</u>	0.8	<u>55.4 55.1</u>	100.0	<u>42.2 42.4</u>	4,061
Urban	10.9	31.4	12.0	6.5	1.5	1.0	36.8	100.0	60.7	1,128
Rural	6.7	<u>17.1 17.3</u>	7.8	3.6	<u>1.6 1.8</u>	0.7	<u>62.6 62.2</u>	100.0	<u>35.1 35.4</u>	2,933
Zanzibar	14.3	<u>19.3 19.4</u>	3.3	2.6	2.7	0.8	<u>56.9 56.8</u>	100.0	<u>39.5 39.7</u>	106
Unguja	21.2	19.2	3.8	1.1	2.3	1.2	51.3	100.0	45.2	68
Pemba	2.0	<u>19.4 19.8</u>	2.6	5.4	3.6	0.0	<u>67.1 66.7</u>	100.0	<u>29.4 29.7</u>	38
Zone										
Western	8.1	<u>18.3 18.6</u>	7.9	3.6	1.7	0.8	<u>59.6 59.4</u>	100.0	<u>37.9 38.2</u>	534
Northern	8.2	24.9	6.4	6.7	1.9	2.4	49.3	100.0	46.3	399
Central	5.9	<u>22.4 22.6</u>	8.9	4.4	1.8	0.0	<u>56.6 56.4</u>	100.0	<u>41.6 41.8</u>	486
Southern Highlands	11.2	26.7	16.0	7.1	1.3	1.2	36.4	100.0	61.1	218
Southern	7.0	37.0	12.6	5.6	0.0	2.0	35.9	100.0	62.2	148
South West Highlands	7.8	16.3	10.5	<u>2.5 3.0</u>	<u>1.6 2.1</u>	0.9	<u>60.3 59.3</u>	100.0	<u>37.1 37.7</u>	415
Lake	5.0	15.0	<u>5.4 5.5</u>	4.4	<u>0.9 1.0</u>	0.1	<u>69.1 68.9</u>	100.0	<u>29.8 29.9</u>	1,280
Eastern	14.1	<u>30.4 31.0</u>	14.7	3.3	<u>3.1 3.4</u>	1.0	<u>33.4 32.5</u>	100.0	<u>62.5 63.1</u>	581
Zanzibar	14.3	<u>19.3 19.4</u>	3.3	2.6	2.7	0.8	<u>56.9 56.8</u>	100.0	<u>39.5 39.7</u>	106
Region										
Dodoma	7.2	22.4	13.3	3.9	1.7	0.0	51.6	100.0	46.7	188
Arusha	2.4	20.0	5.9	5.6	1.7	0.0	64.3	100.0	34.0	141
Kilimanjaro	4.3	36.8	17.9	10.3	2.4	1.2	27.0	100.0	69.3	67
Tanga	13.9	24.3	2.8	6.3	1.9	4.7	46.1	100.0	47.3	190
Morogoro	15.7	<u>17.2 19.4</u>	15.9	3.8	2.2	1.6	43.5	100.0	<u>52.7 54.9</u>	165
Pwani	19.5	19.7	15.7	0.9	2.3	0.0	42.0	100.0	55.7	86
Dar es Salaam	11.9	39.8	13.8	3.7	3.7	1.0	26.1	100.0	69.2	330
Lindi	5.7	30.1	16.0	7.6	0.0	2.6	37.9	100.0	59.4	63
Mtwara	8.0	42.2	10.0	4.0	0.0	1.5	34.3	100.0	64.2	85
Ruvuma	9.4	22.8	15.6	2.8	1.5	1.0	46.8	100.0	50.7	101
Iringa	14.9	35.0	18.9	11.1	0.0	0.0	20.1	100.0	79.9	68
Mbeya	10.7	18.5	14.2	3.1	2.2	0.6	50.6	100.0	<u>46.6 47.5</u>	240
Singida	6.0	<u>25.6 26.2</u>	9.5	6.5	1.8	0.0	50.7	100.0	<u>47.6 48.2</u>	141
Tabora	8.1	<u>19.3 19.7</u>	7.6	3.3	1.6	1.4	58.8	100.0	<u>38.2 38.6</u>	318
Rukwa	3.2	11.6	6.5	2.4	0.0	1.6	74.7	100.0	23.7	120
Kigoma	8.2	17.0	8.4	3.9	1.8	0.0	60.8	100.0	37.5	217
Shinyanga	0.9	24.7	<u>12.0 12.4</u>	3.3	0.5	0.0	58.6	100.0	<u>40.9 41.3</u>	194
Kagera	2.8	14.3	12.7	4.0	3.9	0.0	62.3	100.0	33.8	203
Mwanza	8.0	19.5	1.8	10.0	0.0	0.5	60.2	100.0	39.3	290
Mara	3.4	13.5	4.7	2.9	1.0	0.0	74.5	100.0	24.5	199
Manyara	4.3	19.7	3.2	3.0	2.0	0.0	67.8	100.0	30.1	157
Njombe	9.9	23.4	12.9	10.5	2.6	3.1	37.7	100.0	56.5	50
Katavi	5.4	16.6	3.2	0.0	2.5	0.9	71.2	100.0	25.3	56
Simiyu	<u>4.9 5.2</u>	7.8	2.1	0.3	0.0	0.0	84.9	100.0	<u>15.1 15.4</u>	202
Geita	8.7	8.2	0.8	3.5	0.5	0.0	78.3	100.0	21.2	192
Kaskazini Unguja	12.2	18.8	0.5	0.9	3.8	0.7	63.0	100.0	32.5	18
Kusini Unguja	24.1	21.1	4.4	3.2	0.0	1.9	45.3	100.0	52.8	11
Mjini Magharibi	24.4	18.8	5.0	0.6	2.2	1.3	47.6	100.0	48.9	39
Kaskazini Pemba	0.9	20.8	3.5	7.1	1.6	0.0	66.2	100.0	32.2	21
Kusini Pemba	3.3	<u>17.9 18.7</u>	1.5	3.3	5.9	0.0	68.1	100.0	<u>26.0 26.8</u>	17
Mother's education										
No education	5.2	14.2	7.2	<u>2.0 2.3</u>	1.5	0.7	<u>69.2 68.8</u>	100.0	<u>28.6 28.9</u>	801
Primary incomplete	6.4	18.1	4.9	3.8	1.0	0.7	65.2	100.0	33.2	540
Primary complete	7.8	21.9	<u>9.0 9.1</u>	4.9	1.4	0.7	<u>54.2 53.8</u>	100.0	<u>43.7 43.9</u>	2,121
Secondary+	<u>12.9 13.0</u>	28.3	12.9	5.7	2.8	1.0	<u>36.5 36.1</u>	100.0	<u>59.7 60.1</u>	704
Wealth quintile										
Lowest	4.0	<u>15.4 15.5</u>	4.8	2.8	<u>1.4 1.5</u>	0.4	<u>71.1 70.9</u>	100.0	<u>27.1 27.2</u>	1,011
Second	6.7	16.5	6.7	<u>3.4 3.7</u>	<u>2.0 2.2</u>	0.5	<u>64.2 63.8</u>	100.0	<u>33.2 33.5</u>	876
Middle	7.8	<u>17.4 17.7</u>	<u>9.2 9.3</u>	4.6	<u>1.2 1.5</u>	0.5	<u>59.4 58.6</u>	100.0	<u>39.0 39.4</u>	782
Fourth	<u>10.0 10.1</u>	<u>27.2 27.5</u>	11.1	4.7	1.5	1.0	44.4	100.0	<u>53.1 53.4</u>	794
Highest	13.3	31.9	14.1	6.7	2.1	1.6	30.4	100.0	66.0	704
Total	8.0	21.0	8.8	<u>4.3 4.4</u>	<u>1.6 1.7</u>	0.8	<u>55.5 55.1</u>	100.0	<u>42.1 42.4</u>	4,167

¹ Includes newborns who received a checkup from a doctor, midwife, nurse, community health worker, or traditional birth attendant.

² Includes newborns who received a checkup after 41 days

CHAPTER 10: CHILD HEALTH

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- **Symptoms of acute respiratory infection (ARI):** Four percent of children under age 5 had symptoms of an ARI in the 2 weeks before the survey. Fifty-~~five~~-~~seven~~ percent of these children were taken to a health facility or provider for advice or treatment.

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SECTION 10.3, PARAGRAPH 2 AND 3, 2ND BULLET

Four percent of children under age 5 were reported by their mothers as having symptoms of ARI in the 2 weeks before the survey. Among these children, ~~55%~~57% were taken to a health facility or provider for advice or treatment, and ~~40%~~61% with ARI symptoms received antibiotics (**Table 10.5**).

Trends: The percentage of children ill with ARI symptoms who were taken to a health facility or provider for advice or treatment decreased from 71% in 2010 to ~~55%~~57% in 2016.

Patterns by background characteristics

- Children ill with ARI symptoms were most likely to receive treatment from a health facility or provider if they lived in urban areas (~~64%~~67%) or in Zanzibar (79%), or were in the highest wealth quintile (~~75%~~78%).

Table 10.5 Prevalence and treatment of symptoms of ARI

Among children under age 5, the percentage who had symptoms of acute respiratory infection (ARI) in the 2 weeks before the survey and among children with symptoms of ARI, the percentage for whom advice or treatment was sought from a health facility or provider, and the percentage who received antibiotics as treatment, according to background characteristics, Tanzania DHS-MIS 2015-16

Background characteristic	Among children under age 5:		Among children under age 5 with symptoms of ARI:			
	Percentage with symptoms of ARI ¹	Number of children	Percentage for whom advice or treatment was sought from a health facility or provider ²	Percentage for whom treatment was sought same or next day	Percentage who received antibiotics	Number of children
Age in months						
<6	4.1	1,012	(63.8 71.8)	(39.0)	(49.2 69.5)	41
6-11	5.3	999	(68.4)	(42.5)	(55.3 72.4)	53
12-23	5.2	2,134	59.1	42.1	37.4 60.9	111
24-35	3.9	1,817	47.2 49.1	44.9	45.8 57.1	70
36-47	2.1	1,791	(55.2)	(24.7)	(33.3 47.0)	37
48-59	2.5	1,768	(36.0)	(32.2)	(39.8 58.1)	44
Sex						
Male	3.8	4,806	52.4 54.5	36.9	36.8 57.2	183
Female	3.7	4,714	58.7 59.2	42.0	42.3 65.1	174
Residence						
Urban	5.1	2,541	64.4 66.6	47.2	41.2 63.7	129
Rural	3.3	6,980	50.4 51.2	34.9	38.5 59.6	228
Tanzania Mainland/ Zanzibar						
Mainland	3.7	9,268	54.7 56.1	38.9	39.1 60.7	346
Urban	5.1	2,475	63.7 65.9	46.5	40.6 63.0	126
Rural	3.2	6,794	49.6 50.5	34.5	38.2 59.4	220
Zanzibar	4.3	252	78.6	53.0	52.7 73.3	11
Unguja	4.0	158	(79.9)	(56.6)	(43.9 72.1)	6
Pemba	4.9	94	(76.9)	(48.1)	(66.0 74.9)	5
Zone						
Western	3.2	1,170	(38.6 41.6)	(37.3)	(37.7 47.6)	37
Northern	3.6	901	(72.8)	(23.6)	(60.2 83.4)	32
Central	2.0	1,065	*	*	*	21
Southern Highlands	2.6	517	*	*	*	14
Southern	2.5	372	*	*	*	9
South West Highlands	4.3	914	(39.1)	(27.3)	(47.0 33.9)	40
Lake	4.3	3,014	50.0	39.1	32.9 54.6	130
Eastern	4.8	1,315	(75.0 78.5)	(51.7)	(50.3 74.8)	63
Zanzibar	4.3	252	78.6	53.0	52.7 73.3	11
Education						
No education	3.7	2,013	44.8	20.7	35.8 47.9	74
Primary incomplete	5.0	1,241	49.9	31.5	40.8 68.7	62
Primary complete	3.2	4,901	60.1 62.0	45.1	42.0 68.3	159
Secondary+	4.5	1,365	61.8 64.5	54.8	36.1 50.5	61
Wealth quintile						
Lowest	2.9	2,321	37.0	27.8	40.6 53.8	66
Second	3.1	2,014	48.7 50.0	34.2	29.2 47.4	63
Middle	3.4	1,838	47.7 49.5	36.8	39.9 66.2	62
Fourth	4.8	1,773	62.0	44.2	38.4 70.5	85
Highest	5.1	1,575	74.9 78.4	49.7	47.4 63.8	81
Total	3.7	9,520	55.4 56.8	39.3	39.5 61.1	357

Note: Figures in parentheses are based on 25-49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

¹ Symptoms of ARI (cough accompanied by short, rapid breathing which was chest-related, and/or by difficult breathing which was chest-related) is considered a proxy for pneumonia.

² Excludes pharmacy, shop, and traditional practitioner

³ Includes grass, shrubs, and crop residues

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CHAPTER: HOUSING CHARACTERISTICS AND HOUSEHOLD POPULATION

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Table 2.17 Annual per capita expenditure (in TZS) outpatient visits and inpatient admissions

Average number of annual outpatient visits and inpatient admissions to health facilities for women and men, by selected background characteristics, Tanzania DHS-MIS 2015-16 Annual total expenditures on any health-related items for members of the household, by selected background characteristics, Tanzania DHS-MIS 2015-16