



ጤና ሚኒስቴር - ኢትዮጵያ
MINISTRY OF HEALTH - ETHIOPIA

HEALTH AND HEALTH RELATED INDICATORS

2016 EFY (2023/2024 GC)

26^{ኛው} የጤና ሴክተር ዓመታዊ የግምገማ ገባዔ

The 26th Annual Review Meeting
of the Health Sector

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ለተፋጠነ የዘላቂ ልማት ግቦች ስኬት!

Transforming primary health care to
accelerate progress towards SDG!

October 2024



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Foreword

The Ministry of Health along with its stakeholders organizes the health sector's Annual Review Meeting (ARM) following the end of every Fiscal year. The event brings stakeholders together to share their best experiences, celebrate successes and deliberate on the sector's future course and set priorities.

As part of this grand platform of the health sector, the ministry publishes and disseminates various documents of different content, level of detail and focus aimed at sharing evidence for decision-making by all levels of the health sector stakeholders. Among these; the health and health-related indicators report is one which has been prepared annually for the past 25 years.

As its name implies, this document highlights on the current status and trends of key indicators of the health sector. The data source for this report is primarily the routine health information system which is collected using the major digital platform of the health sector, District health Information System- 2 (DHIS2).

This year's report reflects the status at the conclusion of the first year of the three-year Health Sector Medium-term Development and Investment Plan (HSDIP) and while the sector is gearing up for the second year of implementation.

While extending my warmest gratitude to all leaders, health workforces at all levels and partners for their unreserved efforts in all our successes, it is my strong conviction that the readers of this report will benefit from the reach information contained.

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Acronyms

AFP	Acute Flaccid Paralysis
AFI	Acute Febrile Illness
ALOS	Average Length of Stay
AIDS	Acquired Immunodeficiency Syndrome
ANC	Antenatal Care
ART	Anti-Retroviral Therapy
CAR	Contraceptive Acceptance Rate
CBHI	Community Based Health insurance
EFY	Ethiopian Fiscal Year
EBTBS	Ethiopian Blood and Tissue Bank Service
GP	General Practitioner
HC	Health Center
HCT	HIV Counseling and Testing
HEP	Health Extension Program
HEW	Health Extension Worker
HH	Household
HIV	Human Immunodeficiency Virus
HMIS	Health Management Information System
HP	Health Post
HSDIP	Health sector development and investment plan
IRS	Indoor Residual Spray
MCH	Maternal and Child Health

MFR	Master Facility registry
MoH	Ministry of Health
NRBD	Non-remunerated Blood Donation
OGA	Other Governmental Agencies
OPD	Out Patient Department
PAB	Protected at Birth
PB	Paucibacillary
PF	Plasmodium Falciparum
PFP	Private for profit
PHCU	Primary Health Care Unit
PMTCT	Prevent Mothers to Child Transmission
PNC	Postnatal Care Coverage
PNFP	Private not for profit
POP	Population
PV	Plasmodium Vivax
SAM	Severe Acute Malnutrition
SAEO	Strategic affairs executive office
SNNP	Sothorn nation nationalities and peoples
STI	Sexually transmitted infection
SWE	South West Ethiopia
TB	Tuberculosis
VCT	Voluntary Counseling and Testing



Explanatory Note

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*The name is ordered based on the alphabet

1. Health Sector Medium Term Development and Investment Plan (HSDIP) – indicators

Table 1 Selected core HSDIP indicators

Indicators	2012 EFY	2013 EFY	2014 EFY	2015 EFY	2016 EFY
1. Health Service Coverage					
Contraceptive Acceptance Rate (CAR)	69%	73%	68%	76%	75%
Deliveries attended by skilled health personnel	63%	66%	68%	75%	74%
ANC coverage - 4 or more contacts	69%	70%	69%	79%	78%
Pentavalent 3 Immunization coverage	100%	100%	100%	100%	>100%
Measles Immunization Coverage (MCV1)	95%	97%	96%	100%	99%
Fully Vaccination (< 1 year)	90%	93%	93%	97%	95%
TB case detection rate for all forms of TB	71%	76%	87%	95%	100%
Number of PLHIV currently on ART	474,124	441,464	461,194	473,625	511,885
ART coverage for Adult (Age 15+) (From total estimated PLHIV)	81%	80%	84%	87%	87%
ART coverage for Children 0 -14 age (From total estimated PLHIV)	44%	36%	35%	35%	41%
Malaria Incidence per 1000 population at risk	28	23.4	29.1	47.2	74.9
Outpatient attendance per capita	1.02	1.09	1.44	1.49	1.7
2. Financial Protection					
Proportion of woredas established community-based health insurance	74%	85%	84.50%	87.40%	85%

2. Demographic and vital statistics

Table 2: Demographic information on world population

				Population (millions)		Family Planning Married		Demand for Family Planning Satisfied by Modern Methods (%)	Life Expectancy at Birth (Years)			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual
	Population (millions)	Births per 1,000 Population	Deaths per 1,000 Population	mid-2035	mid-2050	Using All Methods (%)	Using Modern Methods (%)		Total	Male	Female	
WORLD	8,009	17	8	8,901	9,796	63	55	—	72	70	75	-2
High Income	1,252	9	10	1,297	1,325	—	—	—	80	77	83	-17
Middle Income	6,003	16	8	6,593	7,116	—	—	—	72	70	74	1
Upper-Middle Income	2,780	11	8	2,867	2,858	—	—	—	76	74	78	-6
Lower-Middle Income	3,223	22	8	3,726	4,258	—	—	—	69	67	70	6
Low Income	722	35	8	973	1,315	—	—	—	63	61	66	
AFRICA	1,453	32	8	1,896	2,487	36	32	53	63	61	65	3
NORTHERN AFRICA	256	23	6	304	360	50	46	65	73	71	75	10
Algeria	46.8	24	5	53.7	61.5	54	45	66	78	77	79	3
Egypt	105.2	21	6	124.7	147.1	59	57	80	72	70	74	9
Libya	6.9	17	6	7.7	8.5	28	16	24	72	70	75	10
Morocco	37	16	5	40.7	43.6	71	59	72	77	75	79	-10
Sudan	48.1	33	7	63.6	84.5	12	12	30	66	63	68	39
Tunisia	11.9	14	11	12.8	13.6	51	44	63	76	75	78	4
Western Sahara	0.6	16	6	0.7	0.9	—	—	—	71	69	73	

WESTERN AFRICA	442	36	10	585	778	22	19	40	58	57	59	14
Benin	13.7	36	9	18.5	25.3	16	12	26	60	58	62	15
Burkina Faso	22.9	31	9	30.3	40.1	34	32	56	62	60	64	44
Cabo Verde	0.6	14	6	0.7	0.7	56	55	—	74	70	78	-5
Côte d'Ivoire	30.9	33	9	41	55	21	18	41	59	58	60	10
Gambia	2.8	34	7	3.6	4.7	19	17	40	63	63	63	10
Ghana	34.1	27	8	42.2	52.2	31	25	—	64	62	66	13
Guinea	14.2	34	10	17.7	22.8	11	11	32	61	59	62	6
Guinea-Bissau	2.2	31	9	2.7	3.4	21	20	48	60	58	62	15
Liberia	5.4	31	9	6.9	8.9	25	24	41	60	60	62	0
Mali	23.3	41	9	33.1	47.4	17	16	40	59	58	61	34
Mauritania	4.9	39	7	6.8	9.6	14	13	28	65	63	66	37
Niger	27.2	45	8	42	67	14	13	35	62	61	63	53
Nigeria	223.8	37	12	291.6	377.5	22	18	40	54	53	54	6
Senegal	18.3	32	6	24.4	33.5	27	26	53	68	65	70	13
Sierra Leone	8.9	33	9	11.4	14.4	21	21	45	60	59	62	5
Togo	9.1	31	8	11.7	15.5	24	21	37	62	61	62	20
Eastern Africa	483	33	7	642	850	44	39	61	64	61	67	-8
Burundi	13.2	34	7	17.7	24.1	29	23	39	62	60	64	-26
Comoros	0.9	29	9	1	1.2	19	14	27	64	62	66	2
Djibouti	1.1	22	9	1.3	1.5	19	18	—	63	60	66	49
Eritrea	3.7	28	7	4.7	6	8	7	20	67	64	69	0
Ethiopia	126.5	32	6	165.7	214.8	36	35	63	66	63	69	-16
Kenya	55.1	28	8	69	85.2	63	57	75	62	60	65	-8

Madagascar	30.4	35	7	40.9	56.2	50	43	66	65	63	68	-14
Malawi	19.8	32	7	25.6	33.6	66	65	80	67	64	69	-5
Mauritius	1.3	10	10	1.2	1.2	64	32	42	74	70	77	-3
Mayotte	0.3	36	3	0.5	0.7	—	—	—	73	72	75	1
Mozambique	33.9	39	9	46.3	63	26	25	48	60	57	63	1
Réunion	0.9	16	7	1	1.1	—	—	—	80	77	83	-6
Rwanda	14.1	28	6	17.5	23.1	64	58	75	70	68	71	-23
Seychelles	0.1	13	8	0.1	0.1	—	—	—	74	70	78	3
Somalia	18.1	43	11	25.6	36.5	7	1	2	56	54	58	17
South Sudan	11.1	29	11	13.9	17.5	—	5g	—	56	54	57	4
Tanzania	67.4	34	6	95.8	133.8	38	32	53	66	64	68	-6
Uganda	48.6	36	6	65.6	87.6	50	43	60	64	61	66	-5
Zambia	20.2	34	7	27.2	36.7	50	48	69	62	59	65	-4
Zimbabwe	16.7	29	8	21	26.4	67	66	85	65	61	68	-12
MIDDLE AFRICA	202	40	9	285	407	22	15	29	60	58	62	2
Angola	36.7	38	8	51.3	72.3	14	13	24	62	59	65	-4
Cameroon	28.1	35	9	37.3	50.1	19	15	36	60	59	62	5
Central African Republic	6.2	44	20	9	13.3	18	14	26	54	52	57	10
Chad	18.3	43	12	25.7	36.5	8	7	17	53	51	55	37
Congo	6.1	30	7	7.9	10.4	30	19	39	63	62	65	-2
Congo, Dem. Rep.	102.3	42	9	148	217.5	28	18	31	60	58	62	-4
Equatorial Guinea	1.7	30	9	2.2	2.8	13	10	21	61	59	63	2
Gabon	2.4	30	7	3	3.8	25	17	30	66	63	68	1
São Tomé and Príncipe	0.2	28	6	0.3	0.4	50	46	60	69	66	72	-9

SOUTHERN AFRICA	70	20	11	81	92	56	55	78	62	59	65	-2
Botswana	2.7	25	5	3.2	3.7	67	—	—	66	63	68	4
Eswatini	1.2	24	12	1.4	1.7	66	66	81	56	53	61	-7
Lesotho	2.3	26	14	2.6	2.9	65	65	80	53	50	56	-22
Namibia	2.6	27	11	3.1	3.8	56	55	75	58	55	62	-3
South Africa	60.7	20	11	70.2	80.3	55	54	78	63	60	66	-1

Source: 2023-World-Population-Data-Sheet-Booklet

Note: It allows you to better understand certain background characteristics of a population.

Table 3: Ethiopian population by region (2012 – 2016) EFY

Region	2012 EFY	2013 EFY	2014 EFY	2015 EFY	2016 EFY
Tigray	5,510,569	5,640,507	5,739,449	5,876,897	5,936,636
Afar	1,958,491	1,989,674	2,033,172	2,076,408	2,119,412
Amhara	22,191,890	22,545,409	22,877,366	23,224,423	23,558,384
Oromia	38,170,038	39,074,864	39,980,837	40,884,260	42,270,053
Somali	6,202,766	6,354,726	6,506,240	6,657,345	6,807,860
Ben.Gumuz	1,141,275	1,173,123	1,205,032	1,237,366	1,270,119
*SNNP	20,551,606	16,552,020	17,026,833	13,950,342	NA
Central Ethiopia					6,430,235
South Ethiopia					7,715,889
Sidama		4,469,020	4,569,339	4,647,672	4,748,639
SWE				3,368,385	3,441,558
Gambella	483,098	498,670	514,722	530,893	547,103
Harari	263,656	270,031	276,424	282,848	289,264
Dire Dawa	506,639	521,000	535,685	550,642	565,864
Addis Ababa	3,686,068	3,770,554	3,854,863	3,938,772	4,022,125
National	100,666,096	102,859,598	105,119,962	107,226,253	109,723,142

*Since 2016, SNNPR region splits into two regions (Central and South Ethiopia)

Table 4: Conversion Factor by Region, 2016 EFY

Data elements	National	Regions													
		Tigray	Afar	Amhara	Oromia	Somali	B/Gumuz	South Eth.	Central Eth.	Sidama	South West Eth.	Gambela	Harrari	Dire Dawa	Addis Ababa
Estimated households size	4.7	4.4	5.7	4.3	4.8	6.6	4.5	4.9	4.9	4.9	4.9	4.6	3.9	4.5	4.1
Estimated live births	3.362%	3.44%	2.87%	3.37%	3.47%	3.16%	3.41%	3.46%	3.46%	3.46%	3.46%	3%	3.09%	3.22%	2.33%
Surviving infants at 1 year of age	3.164%	3.22%	2.686%	3.114%	3.217%	2.936%	3.066%	3.19%	3.19%	3.19%	3.19%	2.772%	2.892%	3.027%	2.237%
Under 5-year children	14.591%	14.591%	11.4%	13.544%	16.431%	10.36%	16.177%	15.613%	15.613%	15.613%	15.613%	14.25%	13.57%	12.22%	7.155%
<3 yr age group	8.04%	8.36 %	4.808%	7.815%	9.337%	4.73%	9.423%	8.313%	8.313%	8.313%	8.313%	7.109%	7.166%	6.835%	4.122%
6 – 59 months age group	13.177%	12.946%	10.1%	12.88%	15%	10.1%	15.68%	13.94%	13.94%	13.94%	13.94%	13.5%	12.9%	12.14%	6.36%
24 – 59 months age group	10.72%	8%	7.661%	8.495%	10.721%	7.99%	10.358%	10.431%	10.431%	10.431%	10.431%	9.312%	8.569%	8.025%	4.443%
<15 yr age group	44.98%	43.699%	43.211%	42.634%	47.608%	44.137%	45.501%	47.865%	47.865%	47.865%	47.865%	41.851%	37.804%	36.079%	23.965%
15-24 age group	20.581%	19.91%	22.8%	20.694%	19.759%	23.767%	21.071%	19.27%	19.27%	19.27%	19.27%	22.754%	22.05%	23.628%	28.905%
15-59 age group	50.17%	47.76%	52.840%	51.424%	47.53%	52.553%	50.919%	48.271%	48.271%	48.271%	48.271%	55.286%	56.913%	59.054%	70.887%
Percentage of Females 9 years old		1.13%	1.11%	1.25%	1.26%	1.35%	1.24%	1.23%	1.23%	1.23%	1.23%	1.27%	1.25%	1.33%	1.15%

Percentage of Females 30 -49 years old	11%	10%	11%	11%	12%	14%	10%	13%	13%	13%	13%	11%	11%	9%	12%
Proportion of females of 14 years Age		1.21%	1.64%	1.22%	1.22%	1.16%	1.28%	1.24%	1.24%	1.24%	1.24%	1.19%	1.16%	1.18%	1.3%
Proportion of teenage female groups	8.16%	8.04%	7.80%	8.07%	8.01%	7.80%	8.21%	8.17%	8.17%	8.17%	8.17%	8.05%	7.89%	8.09%	10.94%
Women in reproductive age (15 -49 years)	23.4%	23.48%	22.83%	23.58%	22.13%	22.85%	24.05%	23.3%	23.3%	23.3%	23.3%	26.1%	26.1%	27.6%	34.64%
Estimated pregnancies	3.362%	3.44%	2.87%	3.37%	3.47%	3.16%	3.41%	3.46%	3.46%	3.46%	3.46%	3%	3.09%	3.22%	2.33%
Estimated deliveries	3.362%	3.44%	2.87%	3.37%	3.47%	3.16%	3.41%	3.46%	3.46%	3.46%	3.46%	3%	3.09%	3.22%	2.33%
Non-pregnant women in fertile age	20.038%	20.06%	19.93%	20.23%	18.63%	19.74%	20.69%	19.84%	19.84%	19.84%	19.84%	23.1%	23.01%	24.38%	32.27%
Diarrhea Prevalence among <5 years children		13.4%	12.7%	13.7%	11.3%	19.5%	22.7%	16.4%	16.4%	16.4%	16.4%	22.6%	11.800%	9.4%	7.8%

Pneumonia Prevalence among <5 years children	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%	27%
Proportion of sever acute malnutrition among <5 year	3%	3.4%	5.3%	2.2%	3.5%	6.1%	3.1%	1.7%	1.7%	1.7%	1.7%	3.4%	3.0%	4.2%	0.4%
Proportion of adult people (15 - 64 years)	54.9%	53.3%	57.9%	54.4%	49.8%	56.3%	52.3%	50.6%	50.6%	50.6%	50.6%	56.4%	58.1%	59.7%	72.9%
Prevalences children among < 5 years with SAM	3%	3.4%	5.3%	2.2%	3.5%	6.1%	3.1%	1.7%	1.7%	1.7%	1.7%	3.4%	3.0%	4.2%	0.4%

3. Maternal and Child health

3.1 Reproductive and Maternal Health

Contraceptive acceptance rate (CAR): Proportion of women of reproductive age (15-49 years) who are not pregnant and accepting a modern contraceptive method (new and repeat acceptors). Each acceptor is counted only once either as New or Repeat acceptor during receiving contraceptive services in the fiscal year.

Immediate postpartum contraceptive acceptance rate (IPPCAR): The proportion of women of reproductive age (15-49 years) who are accepting a modern contraceptive method immediately (0- 48 hrs.) after delivery

Antenatal care (ANC) coverage - four visits: Proportion of pregnant women who received antenatal care four or more times during the current pregnancy.

Proportion of pregnant women tested for syphilis: Proportion of pregnant women attending antenatal care tested for syphilis.

Skilled Delivery Attendance: Proportion of births attended by skilled health personnel at a health facility. Note: the birth should be attended by the skilled health personnel at a health facility and service provided for a retained placenta should not be count as a delivery service report.

Early Postnatal care (PNC) coverage: Proportion of women who received post-natal care at least once during the early post-partum period (within 7 days after delivery)

Caesarean Section Rate: Percentage of births delivered by caesarean section among all births in a given time period.

Still birth rate: Proportion of stillbirths from total births attended

Number of women receiving comprehensive abortion care services: Number of women receiving comprehensive abortion care. It includes women who received safe abortion and emergency post abortion care services.

Table 5: Contraceptive acceptance rate performances by regions, 2012 -2016 EFY

Region	Coverage						2016 EFY Target (%)
	2012 EFY (%)	2013 EFY (%)	2014 EFY (%)	2015 EFY (%)	2016 EFY		
					Number	Percent	
Tigray					135,913	11	65
Afar	16	22	18	24	132,765	31	48
Amhara	83	83	65	81	3,524,183	74	88
Oromia	78	86	88	95	8,128,305	103	93
Somali	16	11	12	10	126,077	9	20
Ben.Gumuz	49	42	33	35	101,005	38	59
Central Eth.					1,055,380	83	91
South Eth.					1,223,639	80	93
SNNP	95	74	76	80			
Sidama		90	87	91	847,171	90	96
SWE			66	72	542,624	79	84
Gambela	17	25	20	22	34,332	27	47
Harari	54	65	50	56	43,142	65	80
Dire Dawa	35	39	42	42	55,137	40	50
Addis Ababa	27	36	28	30	455,559	35	38
National	69	73	68	76	16,405,232	75	80

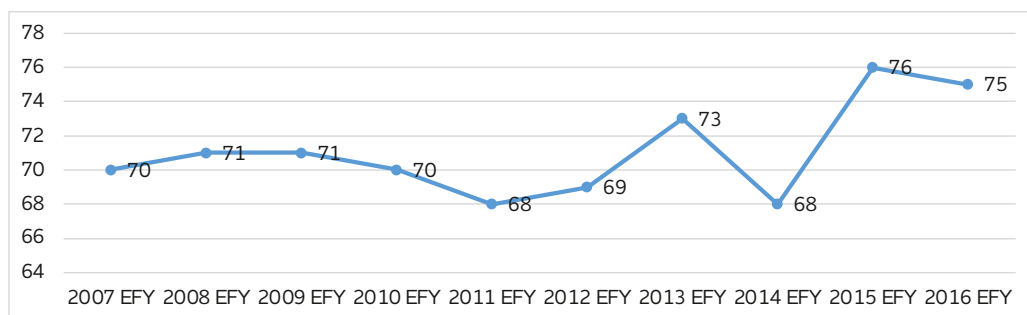


Figure 1 Trend of CAR from 2007 - 2016 EFY (%)

Table 6: Immediate postpartum contraceptive acceptance rate performances by regions, 2012 -2016 EFY

Region	Coverage						Target
	2012 EFY (%)	2013 EFY (%)	2014 EFY (%)	2015 EFY (%)	2016 EFY (#)	2016 EFY (%)	2016 EFY (%)
Tigray					14,602	2	11
Afar	2.1	3.3	9	4	4,037	14	12
Amhara	0.4	0.2	2	1	50,731	2	9
Oromia	0.6	0.4	10	10	182,613	18	15
Somali	2.5	0.7	5	2	12,210	3	9
Ben.Gumuz	1.8	1.3	10	3	2,872	10	11
SNNP	0.4	0.2	9	12			
Central Eth.					60,497	18	30
South Eth.					92,421	17	37
Sidama		0.3	21	21	37,165	32	26
SWE			14	10	11,610	20	15
Gambela	3.9	3.4	4	1	637	8	7
Harari	0.04	0.01	9	15	1,788	17	20
Dire Dawa	0.04	0.4	14	10	2,231	12	15
Addis Ababa	0	0	10	25	26,240	16	28
National	0.6	0.4	9	8	418,295	15	15

Table 7: Proportion of Pregnant women tested for syphilis performances by regions, (2014 - 2016) EFY

Region	Coverage		
	2014 EFY (%)	2015 EFY (%)	2016 EFY (%)
Tigray			48
Afar	47	40	37
Amhara	70	78	83
Oromia	78	80	87
Somali	41	47	51
Ben.Gumuz	61	38	58
SNNP	71	72	
Central Eth			84
South Eth.			71
Sidama	56	57	63
SWE	99	37	43
Gambela	56	60	70
Harari	51	86	95
Dire Dawa	91	92	93
Addis Ababa	93	99	100
National	71	74	79

Table 8: ANC4, ANC8, Skilled Birth Attendant and early postnatal services performances by region, 2012 - 2016 EFY

Region	Indicator	Coverage				
		2012 EFY (%)	2013 EFY (%)	2014 EFY (%)	2015 EFY (%)	2016 EFY (%)
Tigray	ANC4					19
	ANC8					1
	SBA					31
	ePNC					36
Afar	ANC4	48	46	34	53	69
	ANC8					12
	SBA	29	28	23	30	37
	ePNC	48	41	32	43	41
Amhara	ANC4	60	61	56	75	65
	ANC8					15
	SBA	54	55	51	64	57
	ePNC	71	71	64	85	72
Oromia	ANC4	65	66	65	76	84
	ANC8					34
	SBA	61	68	73	79	85
	ePNC	85	92	96	97	>100
Somali	ANC4	71	69	70	61	69
	ANC8					24
	SBA	37	42	45	51	51
	ePNC	58	45	46	51	54
Ben.Gumuz	ANC4	53	42	33	38	47
	ANC8					12
	SBA	43	42	36	42	45
	ePNC	65	47	36	47	51
SNNP	ANC4	80	81	85	90	
	ANC8					
	SBA	73	75	80	82	
	ePNC	95	93	99	>100	
Central Eth.	ANC4					93
	ANC8					26
	SBA					89
	ePNC					91

South Eth.	ANC4					89
	ANC8					39
	SBA					82
	ePNC					96
Sidama	ANC4		91	93	96	98
	SBA		74	78	82	82
	ANC8					39
	ePNC		99	100	>100	>100
SWE	ANC4			62	70	69
	ANC8					26
	SBA			54	59	54
	ePNC			76	78	76
Gambela	ANC4	25	25	24	26	40
	ANC8					4
	SBA	41	44	43	41	44
	ePNC	44	44	44	40	47
Harari	ANC4	50	68	58	79	>100
	ANC8					24
	SBA	100	>100	>100	>100	>100
	ePNC	91	>100	>100	>100	>100
Dire Dawa	ANC4	44	48	59	63	61
	ANC8					17
	SBA	59	69	78	72	71
	ePNC	61	73	86	67	71
Addis Ababa	ANC4	100	>100	>100	>100	>100
	ANC8					73
	SBA	100	>100	>100	>100	>100
	ePNC	100	>100	>100	>100	>100
National	ANC4	69	70	69	79	78
	ANC8					27
	SBA	63	66	68	75	74
	ePNC	83	85	86	92	89

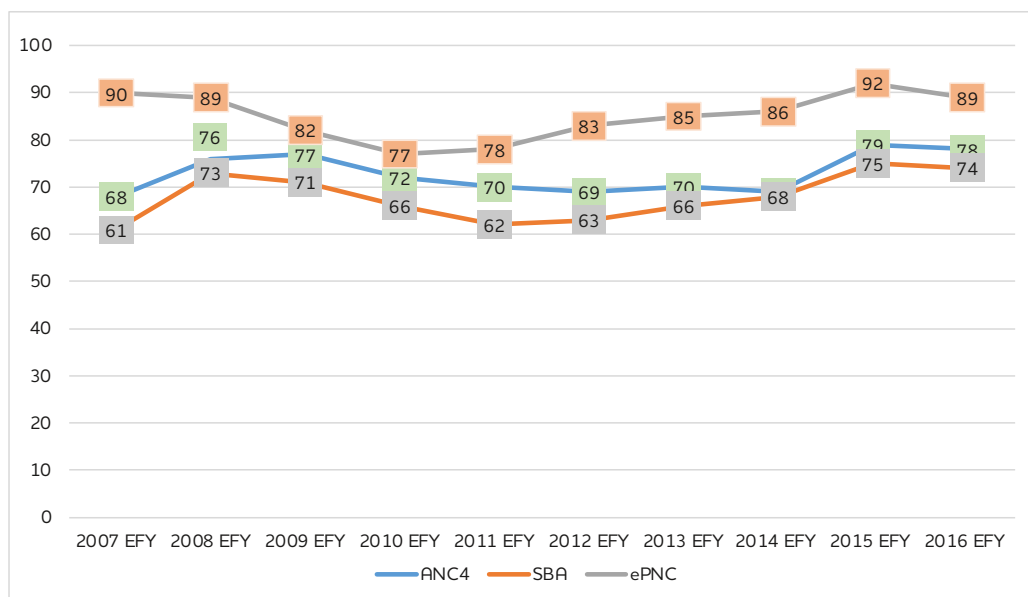


Figure 2: Trends of ANC4, SBA and ePNC National coverage, 2007-2016 EFY (%)

Table 9: Caesarean Section Rate by region, 2014 – 2016 EFY

Region	Performance		
	2014 EFY (%)	2015 EFY (%)	2016 EFY (%)
Tigray			2.8
Afar	1.6	1.7	2.2
Amhara	4.2	5	5.4
Oromia	3.4	3.7	4.2
Somali	1.2	1.2	1.5
B/Gumuz	3.8	4.1	4.9
SNNP	4.1	4	
Central Eth.			5.1
South Eth.			4
Sidama	4.4	4.7	5.1
SWE	2.6	2.6	2.8
Gambela	2.7	2.5	2.3
Harari	28.9	28.7	29.6
Dire Dawa	14.9	16.4	15.9
Addis Ababa	52.2	53	57.7
National	5	5.4	5.7

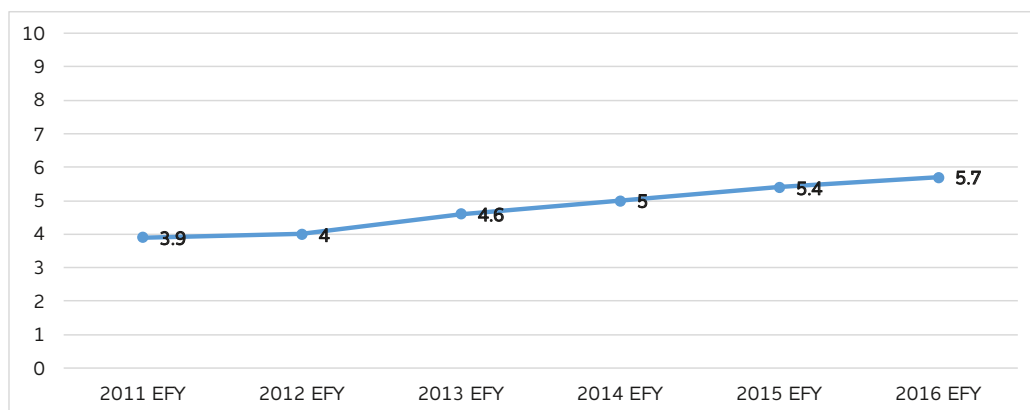


Figure 3: Trends of Caesarean Section Rate 2011-2016 EFY (%)

Table 10: Still birth rate per 1000 from total births by region, 2012-2016 EFY

Region	Still birth rate per 1000 births				
	2012 EFY	2013 EFY	2014 EFY	2015 EFY	2016 EFY
Tigray					15
Afar	18	20	19.3	25.6	16.7
Amhara	17	17	16.1	13.6	14.4
Oromia	14	11	10.4	8.8	8.6
Somali	23	16	15.3	30.4	19.8
Ben.Gumuz	17	18	16.5	18.5	17.1
SNNP	8	8	6.9	5.8	
Central Eth.					7.2
South Eth.					6
Sidama	7	6	6	5.2	5.1
SWE			10.6	9.7	11.7
Gambela	26	22	22	30.6	16.5
Harari	49	52	44.5	36.5	38
Dire Dawa	24	29	26.7	20.4	18.6
Addis Ababa	19	14	12.6	12.1	9.6
National	14	12	11.4	10.8	10.2

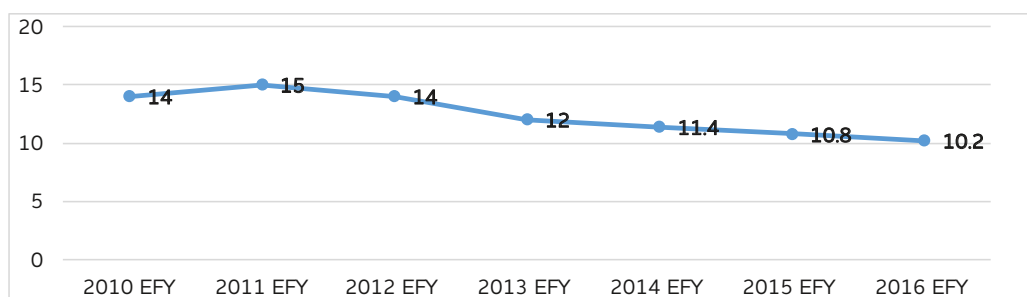


Figure 4: Trends of national still birth rate, 2010 - 2016 EFY

Table 11: Number of women receiving comprehensive abortion care services by regions, 2015 & 2016 EFY

Regions	2016 EFY						
	Expected number of Abortion	Comprehensive abortion care performed (#)	Comprehensive abortion care Coverage (%)	Safe abortions performed (#)	Percentage (%)	Post abortion/emergency care(#)	Percentage (%)
Tigray	20,422	5,708	28	2,296	40	3,412	60
Afar	6,083	3,430	56	1,852	54	1,578	46
Amhara	79,392	44,327	56	17,225	39	27,102	61
Oromia	146,677	123,269	84	67,692	55	55,577	45
Somali	21,513	3,399	16	732	22	2,667	78
Ben.Gumuz	4,331	1,926	44	413	21	1,513	79
SNNP							
Central Eth.	25,143	11,151	44	3,647	33	7,504	67
South Eth.	31,401	11,539	37	4,600	40	6,939	60
Sidama	16,430	10,752	65	7,558	70	3,194	30
SWE	11,908	4,581	38	1,254	27	3,327	73
Gambela	1,641	758	46	127	17	631	83
Harari	894	2,317	>100	1,336	58	981	42
Dire Dawa	1,822	4,000	>100	2,864	72	1,136	28
Addis Ababa	9,372	43,183	>100	31,217	72	11,966	28
National	369,430	270,340	73	142,813	53	127,527	47

3.2. Expanded Program on Immunization

Pentavalent third dose (DPT3-HepB3-Hib3) immunization coverage: proportion of surviving infants who receive a third dose of pentavalent vaccine before their first birthday.

Measles immunization coverage (MCV1): proportion of surviving infants who receive the first dose of measles vaccine before their first birthday.

Pneumococcal conjugated vaccine (PCV3) immunization coverage: Proportion of surviving infants who have received the third dose of the pneumococcal conjugated vaccine

Full immunization coverage: proportion of surviving infants who receive all doses of infant antigens before their first birthday.

Table 12: Vaccination coverage by antigen & region 2016 EFY

Region	Surviving Infant	Penta-3		MCV1		PCV-3		fully immunized	
		Number	Coverage (%)	Number	Coverage (%)	Number	Coverage (%)	Number	Coverage (%)
Tigray	191,150	73687	39	53470	28	73318	38	47318	25
Afar	56,934	53387	94	47489	83	52939	93	39895	70
Amhara	733,580	685504	93	657648	90	683935	93	648154	88
Oromia	1,359,697	1588208	>100	1504569	>100	1575798	>100	1462576	>100
Somali	199,854	202285	>100	179554	90	197939	99	149764	75
B/Gumuz	38,937	31378	81	30807	79	31337	80	28199	72
Central E	205,132	220578	>100	214844	>100	219701	>100	208871	>100
South E	246,146	254786	>100	243999	99	253664	>100	233796	95
Sidama	151,487	159551	>100	155848	>100	159166	>100	152642	>100
SWE	109,790	101818	93	102468	93	102849	94	93667	85
Gambela	15,166	14964	99	14410	95	14721	97	11700	77
Harari	8,366	9780	>100	9097	>100	9865	>100	9161	>100
Dire Dawa	17,128	14236	83	12973	76	14204	83%	12774	75
Addis Ababa	89,967	151644	>100	151677	>100	151586	>100	150397	>100
National	34,23,334	3561806	>100	3378853	99	3541022	>100	3248914	95

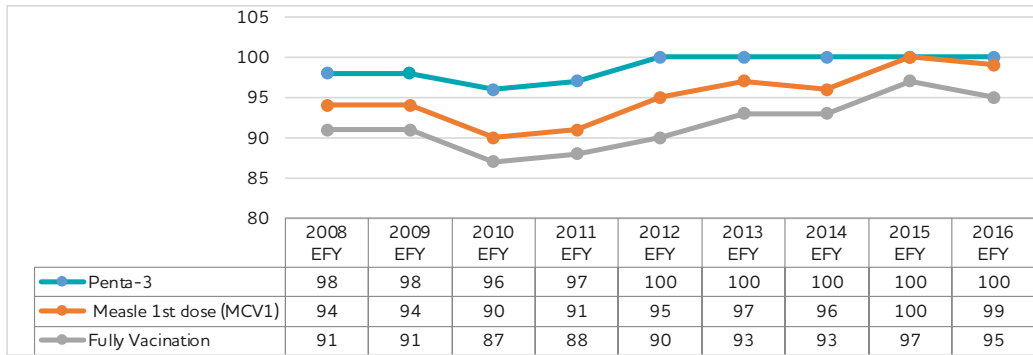


Figure 5: Trends of Pent 3, MCV1 and Fully Vaccinated coverage nationally (%) (2008-2016) EFY

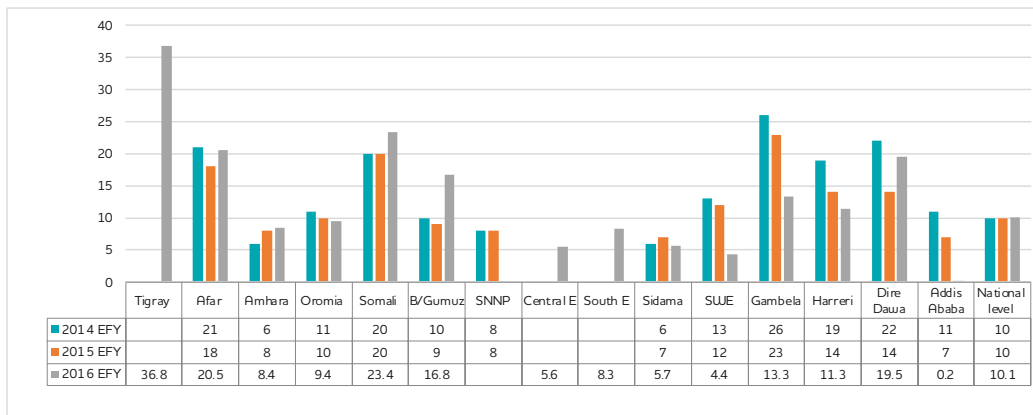


Figure 6: Pentavalent-1 to MCV-1 Vaccination dropout rate by region, 2014 to 2016 EFY.

4. Nutrition

Proportion of children under 2 years of age who participated in Growth Monitoring and Promotion: Proportion of children under two years who participated in Growth Monitoring and Promotion monthly based. The primary objective of GMP is to determine inadequate growth early enough and undertake actions to prevent further faltering before the child reaches a status of under-nutrition; hence it is primarily a preventive and promote activity.

Proportion of children aged 6-59 months who received vitamin A supplementation: Proportion of children aged 6-59 months who received two doses of vitamin A supplement. Supplementation with vitamin A is a critically important intervention for child survival owing to the strong evidence that exists for its impact on reducing child mortality by 23 %.

Proportion of children 24-59 months dewormed: Proportion of children aged 24-59 months who received deworming drugs twice per year. Supplementation with Albendazole (de-worming) is a critically important intervention for prevention of anemia in children and it has an impact on reducing child mortality.

Table 13: Proportion of children under 2 years of age GMP, 2016 EFY

Regions	Number of children under 2 years of age who participated GMP	Coverage 2016 EFY (%)	Target for 2016 EFY (%)
Tigray	336,732	86	65
Afar	4,616	6	62
Amhara	644,250	54	76
Oromia	1,864,518	77	80
Somali	6,965	4	53
B/Gumuz	21,748	29	65
Central Eth.	230,013	33	0
South Eth.	265,768	66	93
Sidama	177,302	72	82
SWE	84,464	47	55
Gambela	1,859	7	45
Harari	9,729	67	72
Dire Dawa	5,168	22	52
Addis Ababa	47,744	44	60
National	3,700,877	66	76

Table 14: Proportion of Children aged 6-59 months who received 2nd dose of vitamin A supplementation by region 2016 EFY

Regions	2015 EFY (%)	Children aged 6-59 month who received 2nd dose Vit A (#)	Coverage 2016 EFY (%)	Target for 2016 EFY (%)
Tigray		197,542	26	95
Afar	26	317,918	>100	99
Amhara	>100	2,628,060	87	100
Oromia	>100	6,788,443	>100	100
Somali	21	135,851	20	98
Ben.Gumuz	52	61,371	31	100
SNNP	>100			
Central Eth.		934,814	>100	96
South Eth.		844,656	79	96
Sidama	>100	652,438	99	100
SWE	94	310,431	65	100
Gambela	17	48,013	65	100
Harari	92	32,226	86	100
Dire Dawa	>100	16,927	25	100
Addis Ababa	>100	314,844	>100	100
National	>100	13,283,534	90	100

Table 15: Proportion of Children aged 24-59 months who received 2nd dose of de-wormed by region, 2016 EFY

Regions	2015 EFY (%)	Children aged 24-59 month who received 2nd dose de- wormed (#)	Coverage 2016 EFY (%)	Target 2016 EFY (%)
Tigray	18	23,4570	49	95
Afar	>100	77,004	47	100
Amhara	>100	1,803,546	90	100
Oromia	21	4,570,909	101	100
Somali	48	112,735	21	98
B/Gumuz	>100	55,134	42	100
SNNP				
Central Eth.		668,833	100	96
South Eth.		709,785	88	96
Sidama	>100	535,588	>100	100
SWE	78	248,012	69	100
Gambela	22	30,622	60	100
Harari	89	25,312	>100	100
Dire Dawa	>100	28,273	62	100
Addis Ababa	90	178,112	100	100
National	>100	9,278,435	89	100



5. Disease Prevention and Control

5.1 Cause of Morbidity, Admission and Mortality

Top ten causes of Morbidity

- Top ten leading causes of morbidity for all cases
- Top ten leading cause of morbidity for female
- Top ten leading cause of morbidity for children under 5 years of age

Top ten causes of admission

- Top ten leading cause of admission for all cases
- Top ten leading cause of admission for female
- Top ten leading cause of admission for children under 5 years of age

Top ten causes of mortality

- Top ten leading cause of mortality for all cases
- Top ten leading cause of mortality for female
- Top ten leading cause of mortality for children under 5 years of age

Top ten causes of Morbidity

Table 16: Top 10 cause of morbidity for all case 2016 EFY

Rank	Diagnosis	Number of cases	Percentage from total top ten cases (%)	Percentage from all cases (%)
1	Malaria	5677912	24	13
2	Symptoms, signs or clinical findings of the digestive system	5170382	23	12
3	Pneumonia	4786349	21	11
4	Typhoid & paratyphoid fever	2493549	11	6
5	Urinary Tract Infections	2001339	9	5
6	Typhus fever	970618	4	2
7	Amoebiasis	899837	4	2
8	Functional bowel disorders	776769	3	2
9	Injuries	680459	3	2
10	Hypertensive disorders	631333	3	1
	Sum of top ten morbidity cases	24,088,547		56
	Sum of all morbidity cases	43,210,530		

Table 17: Top 10 cause of morbidity for female 2016 EFY

Rank	Diagnosis	Number of cases	Percentage from total top ten cases (female) (%)	Percentage from all cases (%)
1	Symptoms, signs or clinical findings of the digestive system	2,767,192	22	6
2	Malaria	2,555,060	20	6
3	Pneumonia	2,292,698	18	5
4	Typhoid & paratyphoid fever	1,259,315	10	3
5	Urinary Tract Infections	1,165,788	9	3
6	Respiratory infections	981,524	8	2
7	Typhus fever	502,817	4	1
8	Amoebiasis	445,336	4	1
9	Functional bowel disorders	371,804	3	1
10	Hypertensive disorders	343,700	3	1
	Sum of top ten morbidity cases (female)	12,685,234		29
	Sum of all morbidity cases	43,210,530		

Table 18: Top 10 causes of morbidity for children under 5 years of age, 2016 EFY

Rank	Diagnosis	Number of cases	Percentage from the total top ten cases	Percentage from all cases
1	Pneumonia	2159261	33.5	22.7
2	Symptoms, signs or clinical findings of the digestive system	1520073	23.5	15.9
3	Malaria	824530	12.8	8.7
4	Respiratory infections	591383	9.2	6.2
5	Functional bowel disorders	500637	7.8	5.3
6	Acute malnutrition in infants, children or adolescents	273549	4.2	2.9
7	Symptoms or signs of the respiratory system	209113	3.2	2.2
8	Ear and mastoid infections	138494	2.1	1.5
9	Typhoid & paratyphoid fever	119821	1.9	1.3
10	Amoebiasis	118301	1.8	1.2
	Sum of top ten morbidity cases (<5 yr.)	6,455,162		67.7
	Sum of all cases for under five children	9,530,457		

Top ten causes of Admission

Table 19: Top 10 leading cause of admission for all cases, 2016 EFY

Rank	Disease	Number of cases	Percentage from top ten admission	Percentage from all cases
1	Pneumonia	95,725	24.38	8.9
2	Malaria	88,025	22.42	8.2
3	Injuries	36,745	9.36	3.4
4	Infections of the fetus or newborn	34,351	8.75	3.2
5	Symptoms, signs or clinical findings of the digestive system	28,154	7.17	2.6
6	Acute malnutrition in infants, children or adolescents	27,554	7.02	2.6
7	Heart failure	24,365	6.21	2.3
8	Fetal or newborn diseases related to maternal factors	20,763	5.29	1.9
9	Sepsis and sequelae of other specified infectious diseases	18,677	4.76	1.7
10	Appendicitis	18,216	4.64	1.7
	Sum of top Ten	392,575		36.7
	Sum of all cases of admission	1,070,372		

Table 20: Top 10 cause of admission for female, 2016 EFY

Rank	Disease	Number of cases	Percentage from Top ten admission	Percentage from all cases
1	Malaria	44,657	22.8	7.6
2	Pneumonia	42,734	21.8	7.2
3	Abortion	15,593	8.0	2.6
4	Symptoms, signs or clinical findings of the digestive system	14,913	7.6	2.5
5	Pregnancy Related Hypertensive Disorders	14,625	7.5	2.5
6	Infections of the fetus or newborn	14,250	7.3	2.4
7	Labour & delivery	13,848	7.1	2.3
8	Heart failure	13,027	6.7	2.2
9	Acute malnutrition in infants, children or adolescents	12,584	6.4	2.1
10	Fetal or newborn diseases related to maternal factors	9,539	4.9	1.6
	Sum of top Ten	195,770		33.1
	Sum of all cases of admission	591,243		

Table 21: Top 10 cause of admission for children under 5 years of age, 2016 EFY

Rank	Disease	Number of cases	Percentage from all cases	Percentage from Top ten admission
1	Pneumonia	56,972	29.57	23.17
2	Infections of the fetus or newborn	34,351	17.83	13.97
3	Acute malnutrition in infants, children or adolescents	25,500	13.23	10.37
4	Fetal or newborn diseases related to maternal factors	20,763	10.78	8.44
5	Malaria	19,886	10.32	8.09
6	Sepsis and sequelae of other specified infectious diseases	10,522	5.46	4.28
7	Perinatal asphyxia	9,328	4.84	3.79
8	Meningitis, Encephalitis and other central nervous system infections	6,701	3.48	2.73
9	Symptoms, signs or clinical findings of the digestive system	4,925	2.56	2
10	Respiratory infections	3,739	1.94	1.52
	Sum of top Ten	192,687		78.36
	Sum of all cases of admission	245,904		

Top ten causes of mortality

Table 22: Top 10 causes of mortality for all cases, 2016 EFY

Rank	Diagnosis	Number of death	Percentage from total top ten death (%)
1	Pneumonia	14,138	27.0
2	Symptoms, signs or clinical findings of the digestive system	12,049	23.0
3	Typhoid & paratyphoid fever	6,110	11.7
4	Urinary Tract Infections	5,883	11.2
5	Respiratory infections	3,975	7.6
6	Symptoms or signs of the respiratory system	2,366	4.5
7	Sepsis and sequelae of other specified infectious diseases	2,202	4.2
8	Fetal or newborn diseases related to maternal factors	2,124	4.1
9	Diabetes mellitus	1,937	3.7
10	Typhus fever	1,648	3.1
	Sum of top ten mortality cases	52,432	

Table 23: Top 10 cause of mortality for female, 2016 EFY

Rank	Diagnosis	Number of deaths	Percentage from top 10 death of females (%)
1	Pneumonia	6,722	26.4
2	Symptoms, signs or clinical findings of the digestive system	6,260	24.6
3	Urinary Tract Infections	3,162	12.4
4	Typhoid & paratyphoid fever	3,017	11.9
5	Respiratory infections	1,887	7.4
6	Sepsis and sequelae of other specified infectious diseases	1,042	4.1
7	Diabetes mellitus	992	3.9
8	Fetal or newborn diseases related to maternal factors	920	3.6
9	Heart failure	730	2.9
10	Functional bowel disorders	702	2.8
	Sum of top Ten	25,434	

Table 24: Top 10 causes of mortality for children under 5 years of age 2016 EFY

Rank	Diagnosis	Number of deaths	Percentage from top ten under 5 yrs age death
1	Pneumonia	2,676	34.13
2	Symptoms, signs or clinical findings of the digestive system	1,420	18.11
3	Fetal or newborn diseases related to maternal factors	920	11.73
4	Respiratory infections	600	7.65
5	Perinatal asphyxia	457	5.83
6	Functional bowel disorders	428	5.46
7	Acute malnutrition in infants, children or adolescents	403	5.14
8	Infections of the fetus or newborn	401	5.11
9	Symptoms or signs of the respiratory system	279	3.56
10	Sepsis and sequelae of other specified infectious diseases	257	3.28
	Sum of top Ten	7,841	

5.2. Communicable Disease

5.2.1 Malaria

Morbidity attributed to malaria: Malaria cases per 1000 population at risk.

Indoor Residual Spray: proportion of unit structures in malarial areas that were sprayed in the last 12 months.

Malaria death: Deaths from malaria per 100,000 malaria cases

Table 25: Malaria Incidence rate per 1,000 populations at risk and Malaria Deaths per 100,000 populations at risk, 2016 EFY

Region	Total pop	Population at risk	Total Cases				Death			
			< 5 years	>= 5 years	Total case	Incidence per 1000 pop at risk	< 5 years	>= 5 years	Total Death	Malaria Death per 100,000 pop at risk
Tigray*	5,936,636	4,760,588			284,245	59.7			7	0.147
Afar	2,119,412	2,119,412	29,239	93,964	123,203	58.1	3	2	5	0.236
Amhara	23,558,384	14,082,913	86,577	1,117,009	1,203,586	85.4	11	25	36	0.256
Oromia	42,270,053	27,855,965	337,760	1,741,971	2,079,731	74.7	118	328	446	1.619
Somali	6,807,860	6,807,860	15,173	47,655	62,828	9.2	1	4	5	0.073
B/Gumuz	1,270,119	1,270,119	46,235	183,363	229,598	180.8	9	12	21	1.653
Central Eth.	6,430,235	4,359,699	46,653	160,407	207,060	47.5	2	17	19	0.436
South Eth.	7,715,889	6,658,813	64,623	320,223	384,846	57.8	13	15	28	0.420
Sidama	4,748,639	3,081,867	26,586	141,369	167,955	54.5	2	1	3	0.097
SWE	3,441,558	2,815,194	132,008	611,270	743,278	264.0	35	137	172	6.110
Gambella	547,103	547,103	38,325	130,556	168,881	308.7	1	12	13	2.376
Harari	289,264	224,758	207	1,679	1,886	8.4	-	-	-	-
Dire dawa	565,864	565,864	744	10,340	11,084	19.6	-	4	4	0.707
Addis Ababa	4,022,125	663,650	400	9,331	9,731	14.7	-	7	7	1.055
National	109,723,142	75,818,691	824,530	4,569,137	5,677,912	74.9	195	564	766	1.010

Note: * Source data for Tigray region is from regional PHEM report

Table 26: Indoor residuals spraying (IRS) coverage by regions, 2016 EFY

S.No	Region	# of woreda	# of Kebele	# of Unit Structures Planned for Spray	Performance	Coverage (%)	Estimated people protected
1	Tigray	6	57	153,175	149,286	97	242,695
2	Afar	5	30	21,471	22,128	103	76,865
3	Amhara	21	191	388,299	235,958	61	790,752
4	Oromia	22	472	510,680	507,663	99	1,713,520
5	Central Eth.	31	120	125,070	125,360	100	408,559
6	South Eth.	23	102	123,568	113,735	92	411,115
7	SWE	8	73	132,880	133,339	100	409,118
8	Sidama	4	39	87,487	91,106	104	265,321
9	Somali	23	155	59,554	55,487	93	236,745
10	B/Gumuz	16	381	264,809	257,522	97	560,972
11	Gambella	10	209	136,028	131,187	96	498,634
	Total	177	1,829	2,003,021	1,822,771	91	5,614,296

*Source of report is admin report

5.2.2 Tuberculosis and Leprosy

Treatment Coverage for all forms of TB: number of new pulmonary and extra pulmonary (all forms) TB cases detected, among the TB cases estimated to occur countrywide

TB treatment success rate: Number of cohorts of all forms of TB diagnosed cases registered during the specified cohort period of the previous year that successfully completed the treatment which Includes Bacteriological confirmed new Pulmonary TB, Bacteriologically confirmed relapse Pulmonary TB, Clinically diagnose pulmonary TB and Clinical diagnosed EPTB

Cure rate for bacteriologically confirmed TB cases: percentage of a cohort of new smear-positive TB cases registered in a specified period that was cured as demonstrated by bacteriologic evidence (a negative sputum smear result recorded during the last month of treatment and on at least on one previous occasion during treatment).

New Cases of Leprosy: number of new cases of leprosy, both MB and PB, never treated before and registered during the specified period of time.

Proportion of disability grade among new leprosy cases: proportion of new cases of leprosy with disability grade II at the time of diagnosis

Table 27: Treatment coverage all forms of TB+ by region, 2016 EFY

Regions	Estimated # of new TB cases (all forms)	Number of new TB cases detected (all forms)	Case Detection Rate (%) [Treatment Coverage]
Tigray	7,480	5,851	79
Afar	2,670	3,300	>100
Amhara	29,684	21,141	71
Oromia	53,260	60,325	>100
Somali	8,578	9,325	>100
B/Gumuz	1,600	1,200	75
Central Eth.	8,102	6,571	81
South Eth.	9,722	10,831	>100
Sidama	5,983	10,866	>100
SWE	4,336	4,016	93
Gambella	689	1,482	>100
Harari	364	886	>100
Dire Dawa	713	1,782	>100
Addis Ababa	5,068	9,319	>100
National	138,251	144,457	>100

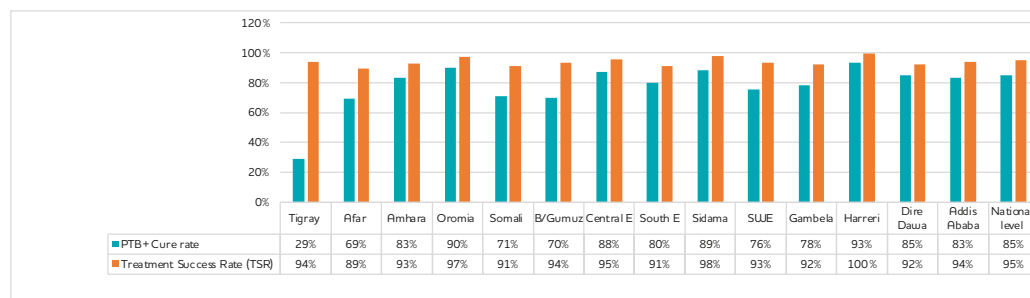


Figure 7: TB treatment cure rate (PTB+) and Treatment success rate among cohort of all forms of TB cases by region, 2016 EFY

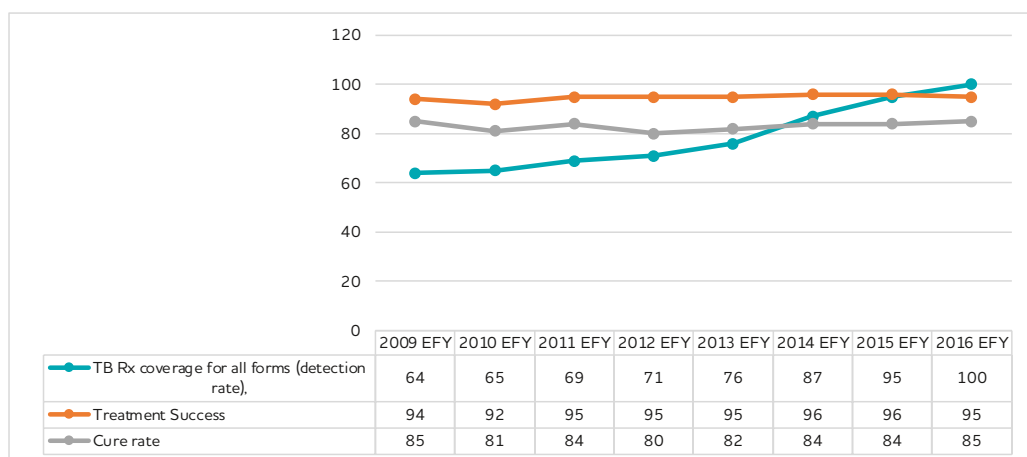


Figure 8: Trends of TB Rx coverage for all forms (detection rate), treatment Success rate and cure rate, 2009-2016 EFY (%)

Table 28: Leprosy cases detected, 2016 EFY

Region	Population	Total New leprosy cases(MB and PB)	Incidence per 10,000 population
Tigray	5,936,636	19	0.03
Afar	2,119,412	10	0.05
Amhara	23,558,384	585	0.25
Oromia	42,270,053	1588	0.38
Somali	6,807,860	16	0.02
B/Gumuz	1,270,119	42	0.33
Central Eth.	6,430,235	20	0.03
South Eth.	7,715,889	33	0.04
Sidama	4,748,639	52	0.11
SWE	3,441,558	23	0.07
Gambela	547,103	29	0.53
Harari	289,264	19	0.66
Dire Dawa	565,864	17	0.30
Addis Ababa	4,022,125	64	0.16
National	109,723,142	2517	0.23

Table 29: Grade II disability rate among new cases of leprosy by region, 2016 EFY

Region	Total New leprosy cases (MB and PB)	No. with grade II disability	Grade II disability rate
Tigray	19	12	63%
Afar	10	2	20%
Amhara	585	81	14%
Oromia	1,588	101	6%
Somali	16	2	13%
B/Gumuz	42	6	14%
Central Eth.	20	3	15%
South Eth.	33	0	0%
Sidama	52	10	19%
SWE	23	6	26%
Gambela	29	4	14%
Harari	19	0	0%
Dire Dawa	17	0	0%
Addis Ababa	64	16	25%
National	2,517	243	10%

5.2.3 HIV/AIDS

The percentage of people living with HIV know their status: The indicator used to measure the first 95 target of the 95-95-95 HIV prevention and control program targets. It is an important measure to determine the proportion of people living with HIV (PLHIV) who know their HIV sero-status.

Number of people living with HIV currently receiving ART: This indicator measures the ongoing scale-up and uptake of ART service and retention of PLHIV in ART programs as a critical step in HIV service provision and assesses progress towards coverage of ART service.

Viral load Suppression: Percentage of patients on ART with a suppressed viral load in the past 12 months.

Prevention of Mother to Child HIV Transmission (PMTCT)

- Percentage of Pregnant, laboring and lactating women who were tested for HIV and who know their results: Percentage of women who were tested and know their HIV status during pregnancy, labor or delivery and post-partum period. This indicator is used to track progress towards ensuring that all pregnant and lactating women attending ANC, labor and delivery and PNC know their HIV status and are initiated on ART.
- Percentage of HIV-positive pregnant women who received ART to reduce the risk of mother-to child-transmission during pregnancy, labor & delivery (L&D) and postpartum: Percentage of HIV-positive pregnant women who received ART to reduce the risk of mother-to child-transmission (MTCT) during pregnancy, L&D and postnatal. It includes number of HIV positive pregnant, laboring and lactating women who received ART at ANC+L&D+PNC for the first time and HIV positive pregnant, laboring and lactating women who get pregnant while on ART and linked to ANC.

Table 30: Number of individuals tested for HIV and positive result by region, 2016 EFY

Region	Total tested	Total positives	Yield
Tigray	103,353	1,016	0.98%
Afar	103,699	431	0.42%
Amhara	1,162,046	8,537	0.73%
Oromia	3,322,963	11,032	0.33%
Somali	177,983	267	0.15%
B/Gumuz	65,389	372	0.57%
Central Eth.	316,657	925	0.29%
South Eth.	352,391	2,118	0.60%
Sidama	337,936	1,087	0.32%
SWE	178,696	984	0.55%
Gambela	50,689	1,160	2.29%
Harari	40,183	200	0.50%
Dire Dawa	71,671	496	0.69%
Addis Ababa	580,047	8,614	1.49%
National	6,863,703	37,239	0.54%

Table 31: Number and percentage of PLHIV currently on ART in Ethiopia, disaggregated by age, 2016 EFY

Region	Estimated number of PLHIVs in 2023			Currently on ART (Sene 2016 EFY)			ART coverage from the total estimated PLHIV		
	Children (<15)	Adults (>=15)	Total	Children (<15)	Adults (>=15)	Total	Children (<15)	Adults (>=15)	Total
Tigray	1,818	44,482	46,300	532	25,002	25,534	29%	56%	55%
Afar	617	10,070	10,687	92	5,188	5,280	15%	52%	49%
Amhara	8,235	165,207	173,442	3,115	153,548	156,663	38%	93%	90%
Oromia	6878	150,848	157,726	3,908	123,558	127,466	57%	82%	81%
Somali	910	6,102	7,012	68	2,410	2,478	7%	39%	35%
B/Gumuz	302	5,523	5,825	103	4,333	4,436	34%	78%	76%
Central Eth.	946	14,255	15,201	309	10,785	11,094	33%	76%	73%
South Eth.	1,312	19,598	20,910	552	18,065	18,617	42%	92%	89%
Sidama	1049	16,209	17,258	262	11,051	11,313	25%	68%	66%
SWE	709	13,718	14,427	268	8,565	8,833	38%	62%	61%
Gambela	1,194	11,273	12,467	391	9,330	9,721	33%	83%	78%
Harari	176	5,173	5,349	58	3,983	4,041	33%	77%	76%
Dire Dawa	268	9,100	9,368	99	7,219	7,318	37%	79%	78%
Addis Ababa	2,638	106,630	109,268	1,229	109,908	111,137	47%	103%	102%
OGA				114	7,840	7,954			
National	27,052	578,188	605,240	11,100	500,785	511,885	41%	87%	85%

Table 32: The performance of the 2nd 95 HIV target, 2016 EFY

Region	Estimated PLHIV in 2015 EFY (Disaggregated by Age)			No. of PLHIVs currently on ART in 2016 EFY			No. of PLHIVs who know their status (i.e. the 1st 95 result)			2nd 95 performance using 1st 95 result as denominator		
	Children (<15)	Adults (≥15)	Total	Children (<15)	Adults (≥15)	Total	Children (<15)	Adults (≥15)	Total	Children (<15)	Adults (≥15)	Total
Tigray	1,818	44,482	46,300	532	25,002	25,534	1,709	41,813	43,522	31%	60%	59%
Afar	617	10,070	10,687	92	5,188	5,280	352	5,740	6,092	26%	90%	87%
Amhara	8,235	165,207	173,442	3,115	153,548	156,663	7,576	151,990	159,567	41%	101%	98%
Oromia	6,878	150,848	157,726	3,908	123,558	127,466	6,328	138,780	145,108	62%	89%	88%
Somali	910	6,102	7,012	68	2,410	2,478	437	2,929	3,366	16%	82%	74%
B/Gumuz	302	5,523	5,825	103	4,333	4,436	236	4,308	4,544	44%	101%	98%
Central Eth.	946	14,255	15,201	309	10,785	11,094	757	11,404	12,161	41%	95%	91%
South Eth.	1,312	19,598	20,910	552	18,065	18,617	1,207	18,030	19,237	46%	100%	97%
Sidama	1,049	16,209	17,258	262	11,051	11,313	755	11,670	12,426	35%	95%	91%
SWE	709	13,718	14,427	268	8,565	8,833	482	9,328	9,810	56%	92%	90%
Gambela	1,194	11,273	12,467	391	9,330	9,721	979	9,244	10,223	40%	101%	95%
Harari	176	5,173	5,349	58	3,983	4,041	169	4,966	5,135	34%	80%	79%
Dire Dawa	268	9,100	9,368	99	7,219	7,318	236	8,008	8,244	42%	90%	89%
Addis Ababa	2,638	106,630	109,268	1,229	109,908	111,137	2,585	104,497	107,083	48%	105%	104%
OGA				114	7,840	7,954						
National	27,052	578,188	605,240	11,100	500,785	511,885	24,347	520,369	544,716	46%	96%	94%

Table 33: Viral load testing and suppression rate by region, 2016 EFY

Region	VL copies/ml		Total tested	Suppression rate (%)
	<1000	>1000		
Tigray	25,310	1,572	26,882	94%
Afar	2,413	111	2,524	96%
Amhara	99,429	2,667	102,096	97%
Oromia	91,209	1,928	93,137	98%
Somali	2,148	118	2,266	95%
B/Gumuz	1,337	13	1,350	99%
Central Eth.	6,253	159	6,412	98%
South Eth.	8,543	364	8,907	96%
Sidama	7,528	369	7,897	95%
SWE	4,126	138	4,264	97%
Gambella	3,927	144	4,071	96%
Harari	3,933	205	4,138	95%
Dire Dawa	6,374	238	6,612	96%
Addis Ababa	96,663	1,948	98,611	98%
OGAs	6,253	159	6,412	98%
National	365,446	10,133	375,579	97%

Table 34: Percentage of pregnant, Laboring and lactating women who were tested for HIV and who know their results in 2015 EFY & 2016 EFY

Region	2015 EFY (%)	Target 2016 EFY (%)	Pregnant women tested for PMTCT(#)	Coverage (%)
Tigray		95	60,899	30
Afar	57	98	36,895	61
Amhara	90	99	574,337	72
Oromia	>100	100	1,782,668	>100
Somali	45	95	124,280	58
Ben.Gumuz	54	95	31,354	72
SNNP	94			
Central Eth.		95	201,044	90
South Eth.		95	265,912	100
Sidama	>100	100	175,223	>100
SWE	70	97	82,336	69
Gambela	79	98	17,652	>100
Harari	>100	100	20,363	>100
Dire Dawa	>100	100	23,094	>100
Addis Ababa	>100	100	195,103	>100
National	99	99	3,591,160	97

Table 35: Percentage of HIV positive pregnant & lactating women who received ART by region, 2016 EFY

Region	Performance 2016 EFY (%)	Target 2016 EFY (%)
Tigray	39	74
Afar	68	82
Amhara	85	100
Oromia	>100	92
Somali	32	88
Ben.Gumuz	80	92
Central Eth.	58	49
South Eth.	70	80
Sidama	50	88
SWE	75	89
Gambela	82	90
Harari	>100	90
Dire Dawa	>100	85
Addis Ababa	>100	92
National	84	90

5.3. Non-Communicable Services

Table 36: Number of Women between ages 30 to 49 screened with VIA for cervical cancer, 2016 EFY

Region	Total screened	Women age 30-49 years who have been screened for cervical Ca VIA screening result			Women age 30 - 49 years who have been screened for cervical Ca HPV/DNA screening result		Women who received treatment for cervical lesion	Percent of treated cervical Ca among positive by VIA(pre-cancerous cervical lesion)
		Negative	Positive(lesion)	Suspicious cancerous lesion	Positive	Negative		
Tigray	2,204	1,914	251	39		10	107	43%
Afar	6,369	6,163	195	11	5	64	93	48%
Amhara	74,308	70,410	2,943	955	506	2,841	1,939	66%
Oromia	321,602	307,225	13,113	1,264	1,627	19,328	6,514	50%
Somali	611	575	28	8	15	81	5	18%
B/Gumuz	2,617	2,517	79	21	4	111	28	35%
Central Eth.	48,211	45,717	2,385	109	127	1,552	1,797	75%
South Eth.	53,604	51,226	2,207	171	203	2,614	1,846	84%
Sidama	34,777	33,125	1,319	333	228	2,978	843	64%
SWE	6,398	5,885	473	40	36	175	257	54%
Gambella	428	376	51	1	61	151	16	31%
Harari	4,414	4,166	163	85	8	8	131	80%
Dire Dawa	3,914	3,637	226	51	1	11	119	53%
Addis Ababa	87,385	82,158	4,615	612	1,690	6,315	4,049	88%
National	646,842	615,094	28,048	3,700	4,511	36,239	17,898	64%

Table 37: Number of individuals screened for hypertension and enrollment to care performance, 2016 EFY

Region	Total number of individuals screened for hypertension in the reporting period	Total number of individuals with raised blood pressure among screened for hypertension in the reporting period	Total number of new hypertensive patients enrolled to care
Tigray	52,305	5,934	977
Afar	144,064	7,843	1,546
Amhara	5,272,561	118,988	49,377
Oromia	7,846,446	324,995	105,038
Somali	172,767	17,351	5,310
B/Gumuz	181,355	3,260	1,563
Central Eth.	1,199,805	54,705	12,587
South Eth.	771,921	27,540	10,096
Sidama	1,002,113	59,348	9,395
SWE	584,361	16,225	2,125
Gambella	11,699	582	186
Harari	173,969	10,534	1,608
Dire Dawa	371,808	16,107	1,639
Addis Ababa	2,335,250	88,398	24,419
National	20,120,424	751,810	225,866

Table 38: Number of individuals screened for diabetes and enrollment to care, 2016 EFY

Region	Total number of individuals screened for diabetes in the reporting period	Total number of individuals with raised blood sugar among screened for diabetes in the reporting period	Total number of new diabetic patients enrolled to care
Tigray	8,961	2,491	664
Afar	28,460	1,982	904
Amhara	1,166,833	21,501	11,439
Oromia	1,699,558	79,598	25,995
Somali	58,644	6,331	3,204
B/Gumuz	16,334	342	206
Central Eth.	169,429	14,770	3,333
South Eth.	177,653	10,131	3,966
Sidama	154,560	14,360	3,082
SWE	32,253	2,779	396
Gambella	5,661	205	66
Harari	40,718	1,664	557
Dire Dawa	77,877	5,693	736
Addis Ababa	419,693	28,152	10,768
National	4,056,634	189,999	65,316

6. Improve Health Emergency Risk Management

Number of reported cases of cholera: number of cases of cholera, as per the cholera clinical case definition.

Number of reported cases of Measles: Confirmed measles cases, including those confirmed clinically, epidemiologically, or by laboratory investigation.

Number of reported cases of Anthrax: number of reported suspected cases of anthrax according to the national surveillance system.

Number of reported cases of Anthrax: number of reported suspected cases of anthrax according to the national surveillance system.

Table 39: Distribution of suspected cases and death for cholera, measles and Anthrax, 2016 EFY

S.No	Cases	No. of affected Woredas	No. of Cases	Death (#)	CFR
1	Cholera	380	38,616	501	1.3%
2	Measles	413	52,861	394	0.7%
3	Anthrax		453	3	1.0%

Table 40: Distribution of Suspected Rabies cases and Deaths in Ethiopia, 2016 EFY

Region	Rabies exposure	Rabies cases	Rabies death	CFR
Tigray	1,037	8	8	100%
Afar	2	0	0	
Amhara	3,025	14	14	100%
Oromia	449	3	3	100%
Somali	35	0	0	
B/Gumuz	322	0	0	
South Eth.	966	3	3	100%
Central Eth.	119	8	8	100%
Sidama	73	1	1	100%
SWE	524	3	3	100%
Gambella	32	1	1	100%
Harari	2	0	0	
Dire Dawa	32	0	0	
Addis Ababa	23	0	0	
National	6,642	41	41	100%

7. Water, Sanitation, Hygiene and Environmental Health

Indicator of WASH and Environmental health section includes:-

- Proportion of household's access to basic sanitation
- Proportion of households with safe solid waste management
- Proportion of households with liquid waste management

Table 41: Proportion of households with access to basic sanitation and waste management, 2016 EFY from the eligible HH

Regions	Total HHs	Households with Liquid waste management area	Percentage	Households with safe Solid waste management	Percentage	HH with Basic sanitation facility	Percentage
Tigray	1,349,235						
Afar	371,827	23448	6%	23061	6%	12021	3%
Amhara	5,478,694	1958529	36%	2039475	37%	1751303	32%
Oromia	880,6261	1927752	22%	3052484	35%	3354528	38%
Somali	1,031,494	3494	0%	9718	1%	2882	0%
B/ Gumuz	282,249	39657	14%	69119	24%	36900	13%
Central Eth.	1,312,293	317217	24%	435419	33%	389358	30%
South Eth.	1,574,671	281999	18%	339030	22%	339917	22%
Sidama	969,110	140806	15%	162798	17%	175585	18%
SWE	702,359	127723	18%	170266	24%	149229	21%
Gambela	118,935	5400	5%	7267	6%	3492	3%
Hareri	74,170	4523	6%	24806	33%	14072	19%
Dire Dawa	125,748	1010	1%	5067	4%	8661	7%
Addis Ababa							
National	2,219,7046	4831558	22%	6338510	29%	6237948	28%

Source DHIS2 HP Quarter 4, 2016 EFY data and AA region HH is not included

Note: National: all types of latrine coverage is 49%.

8. Health Service Utilization, Equity and Quality

Outpatient (OPD) attendance per capita: average number of outpatient visits (including new and repeat visits) per person per year.

Bed occupancy rate: average percentage of occupied beds during the period under review (Usually one year).

Average length of stay (in days): of patients in an inpatient facility during a given period.

Admission rate: number inpatient admissions per 10000 populations.

ICU mortality rate: Percentage of patients who died in the ICU among those admitted to ICU

Table 42: Health service utilization indicators performance, 2015 & 2016 EFY

Health service utilization	Performance	
	2015 EFY	2016 EFY
Outpatient (OPD) attendance per capita	1.5	1.7
Admission rate: (per 1,000 population)	15.4	13.2
Bed occupancy rate: (in %)	68% (Public Hosp)	70% (Public Hosp)
Average length of stay (in days):	4.1	4.8
Referral Rate	0.84 %	0.64 %
Emergency Mortality	0.2%	0.2%
ICU mortality rate	26%	25%

Table 43: Outpatient (OPD) attendance per capita performance 2015 & 2016 EFY

Region	Performance			Target
	2015 EFY	2016 EFY		
Tigray		3,589,008	0.6	0.7
Afar	0.5	1,196,830	0.6	1.0
Amhara	1.9	4,175,8890	1.8	2.4
Oromia	1.4	8,113,9329	1.9	1.9
Somali	0.2	1,993,541	0.3	0.8
B/Gumuz	0.9	1,142,926	0.9	1.4
SNNP	1.7	NA	NA	NA
Central Eth.		13,030,713	2.0	2.3
South Eth.		10,903,485	1.0	0.6
Sidama	1.14	7,684,378	1.6	1.8
SWE	0.91	5,329,011	1.5	1.7
Gambela	0.53	463,694	0.8	1.3
Harari	1.83	865,157	3.0	3.2
Dire Dawa	1.53	1,178,480	2.1	2.5
Addis Ababa	2.54	14,374,000	3.6	3.0
National	1.44	18,464,9442	1.7	1.9

Table 44: Hospital Bed occupancy rate (BoR): 2015 & 2016 EFY

Regions	Performance		Target 2016 EFY (%)
	2015 EFY (%)	2016 EFY (%)	
Tigray		79	55
Afar	38	42	60
Amhara	86	75	92
Oromia	66	72	75
Somali	54	58	62
B/Gumuz	44	39	55
SNNP	60		
Central Eth.		60	16
South Eth.		62	34
Sidama	61	67	66
SWE	47	66	53
Gambela	35	24	40
Harari	81	85	85
Dire Dawa	56	74	62
Addis Ababa	69	80	73
National	68	70	71

Table 45: Hospital Bed density per 10,000 population, 2015 & 2016 EFY

Region	Performance	
	2015 EFY	2016 EFY
Tigray		2.9
Afar	2.3	2.38
Amhara	3	2.71
Oromia	2.4	2.20
Somali	2	2.08
B/Gumuz	2.6	2.82
SNNP	3.1	
Central Eth.		2.58
South Eth.		2.4
Sidama	2.5	2.27
SWE	1.9	2.11
Gambela	6.5	5.96
Harari	13.9	13.41
Dire Dawa	10.1	6.58
Addis Ababa	12	9.81
National	3.1	2.74

Table 46: Average length of stay (ALOS) in days by region 2015 & 2016 EFY

Regions	Performance		Target EFY 2016
	2015 EFY	2016 EFY	
Tigray		6.1	3.1
Afar	3.1	4.3	3
Amhara	4.5	4.8	4.2
Oromia	3.7	4.4	3.4
Somali	3.6	5.4	3.2
B/Gumuz	2.8	3	2.6
SNNP	4.4	NA	NA
Central Eth.		4.1	0.01
South Eth.		5	0.02
Sidama	3.7	4.4	3.3
SWE	3.2	2.8	3
Gambela	2.7	1.8	2.6
Harari	4.5	4.4	4.2
Dire Dawa	2.8	5	2.7
Addis Ababa	4.9	7.5	4.5
National	4.1	4.8	3.6

9. Blood Bank Service

Table 47: Performance of blood donation by region, 2016 EFY

Blood Bank centers	Annual Plan	Annual Donations collected	Performance (%)
Addis Ababa	128,000	93,850	73
Tigray	19,000	14,286	75
Amhara	77,325	58,572	76
Oromia	87,000	82,253	95
Central Eth.	11,000	9,816	89
South Eth.	16,000	10,044	63
SWE	6,700	3,800	57
Sidama	14,000	11,110	79
B/Gumuz	7500	5129	68
Afar	7000	4959	71
Somali	39000	43575	>100
Gambela	3,000	811	27
Harar	5,500	4941	88
Dire Dawa	6,000	6,214	>100
National	427,526	349,360	82

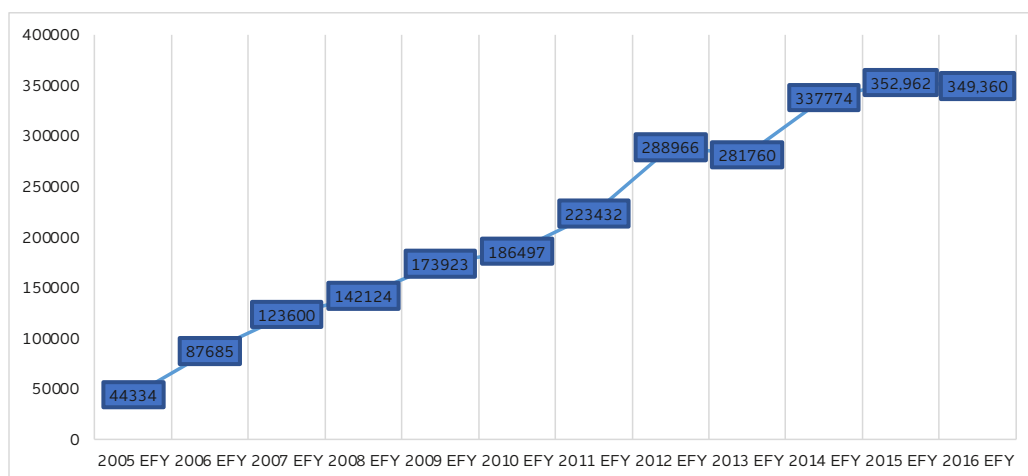


Figure 9: Trends of total blood unit collected from 2005 - 2016 EFY

Table 48: Performance of Blood Donation by Blood Bank centers, 2016 EFY

Regions	Blood Bank centers	Annual Plan	Annual Donations collected	Performance (%)
Addis Ababa	EBTBS Head Office	128,000	93,850	73
Tigray	Mekelle	12,000	9,796	82
	Axum	7,000	4,490	64
	Humera	0	0	
Amhara	Bahir Dar	20,500	16,526	81
	Gonder	14,000	12,438	89
	Dessie	13,500	11,839	88
	Debre Markos	4,000	2,325	58
	Debre Birhan	6,000	4,588	76
	Debre Tabor	4,500	3,821	85
	Woldiya	4,000	2,494	62
	Sekota	3,325	1,050	32
	Metema	4,000	1,614	40
	Kemise	3,500	1,877	54
Oromia	Adama	23,000	20,815	91
	Jimma	12,000	9,523	79
	Nekemte	5,000	4,865	97
	Woliso	9,000	8,695	97
	Bale Goba	7,000	6,273	90
	Chiro	5,000	4,143	83
	Metu	6,000	6,263	>100
	Shashemene	7,000	7,144	>100
	Bule Hora	6,000	5,311	89
	Negele	4,000	2,279	57
	Ambo	3,000	4,635	>100
	Sheger	0	2,307	
Central Eth.	Hossana	11,000	9,471	86
	Butajira	0	345	
South Eth.	Arba Minch	6,000	4,730	79
	Wolaita Sodo	4,000	1,719	43
	Dilla	3,000	1,657	55
	Jinka	3,000	1,938	65
SWE	Bonga	3,700	2,684	73
	Tercha	3,000	1,116	37

Sidama	Hawassa	10,000	7,787	78
	Yirgalem	4,000	3,323	83
B/Gumuz	Asossa	4,500	3,803	85
	Gilgel Beles	3,000	1,326	44
Afar	Semera	4,000	2,968	74
	Awash	3,000	1,991	66
Somali	Jijjiga	21,000	29,002	>100
	Gode	6,000	4,242	71
	Hargele	3,000	1,880	63
	Fik	3,000	2,480	83
	Biki	3,000	2,977	99
	Wardher	3,000	2,620	87
	Gashamo	0	374	
Gambela	Gambela	3,000	811	27
Harar	Harar	5,500	4941	88
Dire Dawa	Dire Dawa	6,000	6,214	>100
National		427,526	349,360	82

Table 49: Status of laboratory testing and result for Blood-transfusion transmitted infectious diseases (TTIs) nationally, 2016 EFY.

Name of Transfusion Transmissible infection (TTI)	Total Units of Blood Tested	Tested positive for TTI	
		Number	Percentage
HIV Positive	349,360	1,592	0.46%
Hepatitis B Positive	349,360	4,841	1.39%
Hepatitis C Positive	349,360	2,099	0.60%
Syphilis Positive	349,360	2,756	0.79%
Total TTIs Positive (From Total Donation)		11,288	3.23%

10. Infrastructure:

This section includes:

Number of health Facilities: the total number of health facilities (Hospitals, HCs, and HPs) disaggregated by facility type.

Primary health care coverage: Proportion of population living within 2 hours walking distance. It serves as a proxy indicator for equity in healthcare access, with an estimated coverage of 5,000 people per health post (HP) and access to one Primary Health Care Unit (PHCU) for every 25,000 people.

Specialized Hospital 3.5 - 5.0 Million population

General Hospital 1-1.5 Million population

Primary Hospital 60,000 - 100,000 population

Urban health centers: 1 per 40,000 population

Rural Health center 15,000 - 25,000 population

Health post 3,000 - 5,000 population

Table 50: Number of functional and under construction Hospitals, 2016 EFY

Regions	Hospital Types						Total
	Primary Hospital		General Hospital		Comprehensive Specialized Hospital		
	Functional	Under construction	Functional	Under construction	Functional	Under construction	
Tigray	24	3	14	0	2	0	43
Afar	9	0	1	0	0	0	10
Amhara	71	14	20	3	8	0	116
Oromia	75	6	33	2	4	1	121
Somali	11	0	6	0	1	0	18
B/Gumuz	4	1	2	0	0	0	7
South Eth.	23	4	5	0	2	0	34
Central Eth.	26	4	4	0	2	1	37
Sidama	13	1	7	0	1	0	22
SWE	10	2	4	0	0	0	16
Gambella	4	0	1	0	0	0	5
Harari	0	0	1	0	1	0	2
Dire Dawa	0	0	2	0	0	0	2
Addis Ababa	0	0	6	3	7	0	16
Total	270	35	106	8	28	2	449

Table 51: Number of functional and under construction Health Centers by Region, 2016 EFY

Regions	Functional	Under construction	Total Health centers
Tigray	232	1	233
Afar	102	1	103
Amhara	917	6	923
Oromia	1435	2	1437
Somali	239	6	245
B/Gumuz	60	6	66
South Eth.	284	3	287
Central Eth.	219	0	219
Sidama	142	5	147
SWE	125	9	134
Gambella	30	2	32
Harari	9	0	9
Dire Dawa	16	0	16
Addis Ababa	97	8	107
Total	3,907	47	3,954

Table 52: Number of functional and under construction Health posts, 2016 EFY

Regions	Functional HPs				Total functional HPs	HPs Under construction	Total
	Categorized to be Basic HP	Actual existing Basic HP	Categorized to be Comprehensive HP	Actual existing Comprehensive HP			
Tigray	626	-	82	-	708	7	715
Afar	365	280	38	2	403	4	407
Amhara	2,902	28	355	11	3,257	13	3,270
Oromia	5,027	2651	66	2	5,093	129	5,222
Somali	1,316	157	127	7	1,443	-	1,443
B/Gumuz	276	128	74	1	350	2	352
South Eth.	1,108	33	140	9	1,248	4	1,252
Central Eth.	1,059	17	4	1	1,063	4	1,067
Sidama	505	83	158	24	663	-	663
SWE	37	37	93	2	130	6	136
Gambella	121	56	3	2	124	2	126
Harari	26	28	797	44	823	1	824
Dire Dawa	34	34	18	2	52	2	NA
AA	NA	NA	NA	NA	NA	NA	
Total	13,402	3,532	1,955	107	15,357	174	15,531

Note: the number of HPs decreased from last years is due to Merged HP of HEP optimization

Table 53 Number of operational private Health, Other gov't facilities, 2016 EFY

Regions	Hospital			Primary clinic				Medium clinic			Specialty centers- PFP	Specialty clinic-PFP	Health centers		
	Comp. specialized Hospital	General Hospital	Primary Hospital	OGA	PFP	PFNP	Primary	OGA	PFP	PNFP			OGA	PFP	PNFP
Addis Ababa	1 PFP 2 OGA	22 PFP 1 OGA	5	16	83	27	126	36	575	18	82	628	4	1	4
Afar			2	1	31	3	35	2	64	4	2	3	1		2
Amhara		10	4	15	1482	3	1500	23	762	11	23	144	2	2	
B/Gumuz				4	159	2	165	6	70	1	1	3			3
Central Eth.			2 PNFP, 1 PFP	1	410	1	412	3	320	1	2	18	4		15
Dire Dawa		2	5	1	3	2	6	2	31	4	2	30			
Gambela					88	2	90		56						
Harari		1			3	1	4	2	19	2	8	22			
Oromia		15 PFP 1 PNFP	14 PFP, 2 OGA	16	2864	52	2932	26	1951	38	28	245	4	4	5
Sidama		1	8 PFP 1 OGA		75	3	78	2	120	9	6	29	2		
Somali			4		84		84		159	3	6	37		1	
South Eth.		1 PFNP	6 PFP 1 PNFP	2	795	1	798	5	240	4		23	5		2
SWE				3	618	2	623	5	194	2			1		
Tigray		3	15 PFP 1 PNFP	2	38	2	42	4	228	8	5	8	1	2	2
Total	3	57	71	61	6733	101	6895	116	4789	105	165	133	24	10	33

Source: MFR, and the data were generated as of October 2, 2024

11. Human Resource

Indicators of human resources included in the report are:

Health care worker to Population ratio by Category (Doctor, Health officer, Nurse, Midwife, Health Extension Worker, etc...)

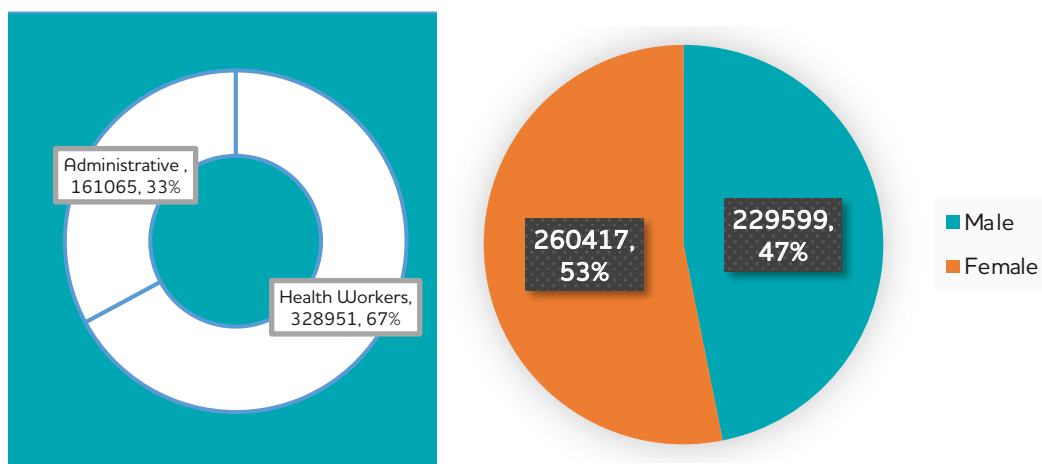


Figure 10: National Health workforce by Health workers Vs administrative staffs, and Gender, 2016 EFY

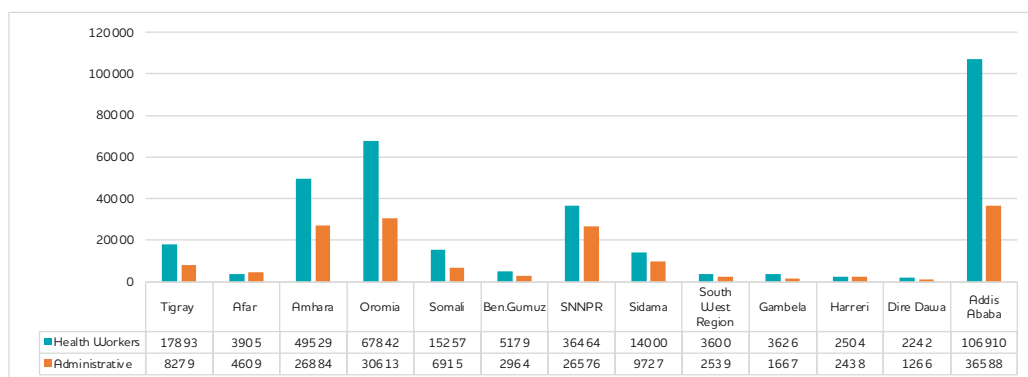


Figure 11: Health workforce by Health workers Vs administrative staff, by regions, 2016 EFY

Note: Central Ethiopia and South Ethiopia regions data is under SNNPR

Table 54: Health workforce distribution by region, 2016 EFY

Region	GP + Specialist	Nurses	Mid.	Pharm.	Lab	HO	Anesth.	HEW	Radi.	Other health prof.	Admin.	Total Health workforce
Tigray	1149	6740	1948	1786	1049	1214	129	1851	105	1922	8279	26172
Afar	109	1383	279	340	286	357	6	822	16	307	4609	8514
Amhara	3100	14542	5264	4570	3602	3556	467	8620	412	5396	26884	76413
Oromia	3119	21463	5233	5264	3771	4542	340	17234	502	6374	30613	98455
Somali	808	5289	2141	925	980	970	64	3161	150	769	6915	22172
B/Gumuz	123	1921	703	587	194	156	14	1028	9	444	2964	8143
SNNP	2074	11828	3693	2176	3004	3463	300	6457	162	3307	26576	63040
Sidama	927	5310	1013	1265	1123	1012	92	1620	85	1553	9727	23727
SWE	106	275	547	275	325	313	0	1487	0	272	2539	6139
Gambela	77	1694	134	143	287	181	10	845	8	247	1667	5293
Harari	426	830	197	243	219	91	38	151	38	271	2438	4942
Dire Dawa	335	782	160	181	172	77	39	228	42	226	1266	3508
Addis Ababa	6426	37821	3973	16436	6710	18467	509	1273	1282	14013	36588	143498
National	18779	109878	25285	34191	21722	34399	2008	44777	2811	35101	161065	490016

Note: Central Ethiopia and South Ethiopia regions data is under SNNPR

Table 55: Selected Health Professionals to Population Ratio by Region, 2016 EFY

Region	Population	GP + Specialist		Nurses		Midwives		Pharmacists		Medical Lab		Health officers		HEW	
		Num	1GP+: Pop	Num	1Nurse: Pop	Num	1Mid: Pop	Num	1Pharm: Pop	Num	1MedL: Pop	Num	1HO: Pop	Num	1HEW: Pop
Tigray	5,936,636	1149	5,167	6740	881	1948	3,048	1786	3,324	1049	5,659	1214	4,890	1851	3,207
Afar	2,119,412	109	19,444	1383	1,532	279	7,596	340	6,234	286	7,411	357	5,937	822	2,578
Amhara	23,558,384	3100	7,599	14542	1,620	5264	4,475	4570	5,155	3602	6,540	3556	6,625	8620	2,733
Oromia	42,270,053	3119	13,552	21463	1,969	5233	8,078	5264	8,030	3771	11,209	4542	9,306	17234	2,453
Somali	6,807,860	808	8,426	5289	1,287	2141	3,180	925	7,360	980	6,947	970	7,018	3161	2,154
B/Gumuz	1,270,119	123	10,326	1921	661	703	1,807	587	2,164	194	6,547	156	8,142	1028	1,236
SNNP	14,146,124	2074	6,821	11828	1,196	3693	3,831	2176	6,501	3004	4,709	3463	4,085	6457	2,191
Sidama	4,748,639	927	5,123	5310	894	1013	4,688	1265	3,754	1123	4,229	1012	4,692	1620	2,931
SWE	3,441,558	106	32,468	275	12,515	547	6,292	275	12,515	325	10,589	313	10,995	1487	2,314
Gambela	547,103	77	7,105	1694	323	134	4,083	143	3,826	287	1,906	181	3,023	845	647
Harari	289,264	426	679	830	349	197	1,468	243	1,190	219	1,321	91	3,179	151	1,916
Dire Dawa	565,864	335	1,689	782	724	160	3,537	181	3,126	172	3,290	77	7,349	228	2,482
Addis Ababa	4,022,125	6426	626	37821	106	3973	1,012	16436	245	6710	599	18467	218	1273	3,160
National	109,723,142	18779	5,843	109878	999	25285	4,339	34191	3,209	21722	5,051	34399	3,190	44777	2,450

Note: Central Ethiopia and South Ethiopia regions data is under SNNPR

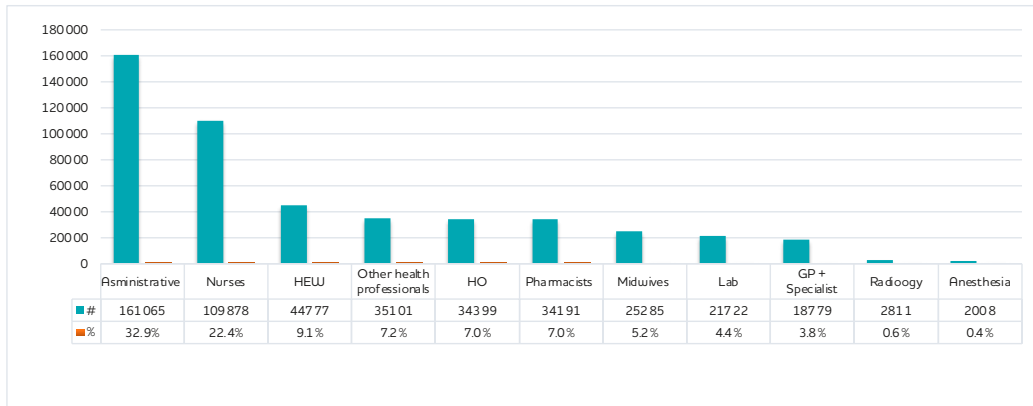


Figure 12: Summary of national Health workforce by categories (share) in 2016 EFY

12. Resource Mobilization and Utilization

12.1 Health Insurance

Table 56: Number and proportion of Woredas that started CBHI services by region, 2016 EFY

Region	Total number of Woredas	No. of Woredas with CBHI service	Proportion of Woredas implementing CBHI (%)	Number of CBHI schemes
Amhara	213	213	100	183
Oromia	356	356	100	320
South Eth.	93	93	100	85
Central Eth.	80	80	100	66
Southwest Eth.	57	57	100	48
Sidama	37	37	100	37
Harari	9	9	100	1
Dire Dawa*	1	1	100	1
B/Gumuz	24	9	38	9
Gambella	14	12	86	12
Somali	95	32	34	32
Afar	44	29	66	29
Addis Ababa	124	124	100	11
Tigray**	92	-	-	-
National	1,239	1,052	85	834

*Dire Dawa is considered as one considering the city administration, and there is no Woreda structure in DD

** Data from the Tigray region is not available and not included in the report

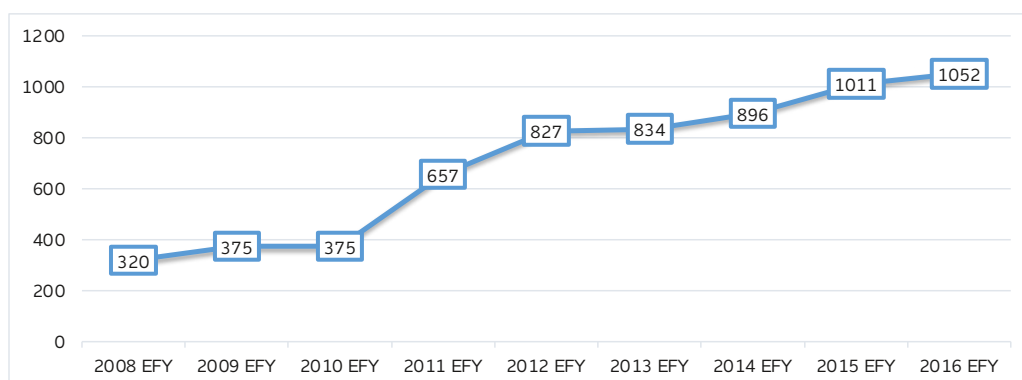


Figure 13: Trend in the number of woredas that have started CBHI scheme and service provision, from 2008 EFY to 2016 EFY

Table 57: CBHI membership enrollment and renewal rate by region, 2016 EFY

Region	Total eligible HHs	Renewal of CBHI membership		Total no. of CBHI member HHs			Membership Renewal rate	Proportion of CBHI member HHs (%)
		CBHI members eligible for renewal	No. of members that renewed membership	Paying members	Indigents	Total CBHI members		
Tigray	NA	NA	NA	NA	NA		NA	NA
Afar	221,657	7,518	7,480	96,367	21,354	117,721	99%	53
Amhara	4,354,459	3,871,214	2,308,454	1,983,785	514,817	2,498,602	60%	57
Oromia	6,305,249	5,347,973	5,022,120	4,406,802	1,164,993	5,571,795	94%	87
Somali	346,080	8,337	4,232	178,516	83,108	261,624	51%	76
B/Gumuz	104,682	42,102	37,389	36,391	9,614	46,005	89%	44
Central Eth.	1,062,566	752,374	664,728	483,332	170,849	654,181	88%	56
South Eth.	1,241,043	810,371	743,647	577,941	298,027	875,968	92%	71
Sidama	561,533	406,275	300,078	243,009	124,424	367,433	74%	65
SWE	546,070	264,419	223,623	219,386	70,310	289,696	85%	53
Gambella	85,777	25,202	14,439	30,199	8,397	38,596	57%	45
Harari	46,752	46,302	45,746	38,702	7,478	46,180	99%	99
Dire Dawa	64,906	47,662	45,098	41,777	9,208	50,985	95%	79
Addis Ababa	350,890	288,941	264,318	240,674	87,726	328,400	91%	94
National	15,291,664	11,918,690	9,681,352	8,522,888	2,570,281	11,147,186	81%	73

12.2 Finance:

Table 58: Amount of funds committed and disbursed by development partners, 2016 EFY

S.No.	Source of Fund	Commitment in 2016 EFY (USD)	Disbursement in 2016 EFY (USD)	Percentage of Disbursement (%)
1	SDG Performance Fund			
	Italian Agency for Development Cooperation (AICS)	3,242,010.00		0
	Spanish Cooperation	756,469.00	736,680.00	97
	FCDO	11,380,000.00	29,433,094.00	259
	UNFPA	50,000.00		0
	World Bank	46,190,000.00	7,544,660.00	16
	UNICEF	500,000.00	500,000.00	100
	WHO	50,000.00		0
	GAVI	23,000,000.00	23,303,330.30	101
	BMGF	6,000,000.00	6,000,000.00	100
	DKT	1,337,079.73	1,409,688.00	105
	Total SDG fund	92,505,558.73	68,927,452.30	75
2	Bilateral Partners			
	CDC-Atlanta US	6,637,500.00	5,687,566.00	86
	AfCDC-WB	57,646,735.30	35,232,854.82	61
	COVID-19 Emergency Response_World Bank	175,659,321.00	48,427,788.32	28
	WB Program for Results (Hybrid)	15,639,365.65	15,639,365.65	100
	Spanish Cooperation COVID 19	789,895.95	789,895.95	100
	Sekota-AfDB	12,364,416.90	3,675,495.05	30
	Korea foundation for International Health	511,137.54	511,137.54	100
	IPF MoFEC	600,000.00	216,363.64	36
	Total from bilateral partners	269,848,372.34	110,180,466.97	41
3	UN Organization			
	UNICEF	3,288,426.45	489,006.62	15
	UNFPA	4,309,130.00	6,381,801.49	148
	WHO	56,445.03	56,445.03	100
	Total from UN organizations	7,654,001.48	6,927,253.14	91
4	Global Fund			
	GF Malaria	33,378,840.00	19,533,542.15	59
	GF TB	18,780,656.00	10,697,976.53	57
	GF HSS	8,391,610.00	27,971,321.65	333
	GF HIV	89,934,240.00	84,824,544.99	94

	GF C19 RM HIV	2,290,599.00		0
	Total from Global fund	152,775,945.00	143,027,385.32	94
5	GAVI			
	GAVI	35,000,000.00	27,997,402.10	80
	Total from Gavi	35,000,000.00	27,997,402.10	80
6	Foundations			
	CIFF GASHERO-MOH	423,488.00	549,204.00	130
	CIFF GASHERO-EPHI	439,729.00	803,706.00	183
	End Fund)	5,000,000.00	4,479,834.49	90
	Sekota-Biwin	856,414.00	`	0
	Buffet	9,000,000.00	9,000,604.00	100
	BMGF	1,000,000.00	1,000,000.00	100
	Total from Foundations	16,719,631.00	15,833,348.49	95
	Grand Total	574,503,508.55	372,893,308.33	65

Table 59 Share of total health budget (%) from total government budget, 2016 EFY

Region	2012 EFY (%)	2013 EFY (%)	2014 EFY (%)	2015 EFY (%)	2016 EFY (%)
Tigray	10	10.4	NA	NA	10.7
Afar	13	13.90	14.4	10.23	11.9
Amhara	15	12.7	15.3	15.63	13.7
Oromia	13	14.5	12.4	12.28	10.8
Somali	11	14.4	10.3	11.42	11.3
B/Gumuz	15	14.3	14.4	13.73	15.0
South Eth.	17	14.8	17.1	13.56	9.3
Central Eth.					15.8
Sidama	NA	15.4	15.3	15.01	13.7
SWE	NA	NA	NA	11.21	9.8
Gambella	14	19.5	13.2	14.41	16.8
Harari	10	16.0	11.4	12.12	9.2
DireDawa	12	12.6	12.3	16.14	12.2
Addis Ababa	6	7	6.8	8.46	10.6
National	12	13	13.8	12.34	13

13. Glossary

Admission

Formal acceptance, by a health facility, of a patient who is to receive medical or paramedical care while occupying a health facility bed. Healthy babies born in hospital should not be counted if they do not require special care.

Demography

The study of population and its characteristics, with reference to such factors as size, age structure, density, fertility, mortality, growth and social and economic variables

Health center

It is an establishment which provides both preventive and curative services. It comprises five satellite health posts and is expected to serve 25,000 people.

Health post

One of the satellite facilities in the Primary Health Care Unit which serves for 5,000 people.

Hospital

An establishment that provides general medical care round the clock. It is at least equipped with basic laboratory, X-ray and basic treatment facilities.

Primary Hospital: Serves 100,000 people

General Hospital: Serves 1 million people

Comprehensive specialized Hospital: Serves for 5 million people

Household

Household is a single person living alone or a group voluntarily living together, having common housekeeping arrangements for supplying basic living needs, such as principal meals. The group may consist of related or unrelated persons.

In-patient

A person admitted to a health care facility and who usually occupies a bed in that health care facility.

Leading causes of morbidity

The most frequently occurring causes of morbidity (usually 10) among inpatients for which the greatest number of cases have been reported during a given year

Leading causes of mortality

The most frequently occurring causes of mortality (usually 10) under which the greatest number of deaths have been reported during a given year. Causes of mortality are all those diseases, morbid conditions, or injuries which either resulted in or contributed to death, and the circumstances of the accident or violence that produced any such injuries.

Life Expectancy at Birth

The average number of years a newborn baby is expected to live if mortality patterns at the time of its birth were to prevail throughout the child's life.

Live birth

The complete expulsion or extraction from its mother of conception, irrespective of the duration of pregnancy, which after such separation shows any evidence of life

Maternal mortality rate

The number of registered deaths among women, from any cause related to or aggravated by pregnancy or its management (excluding accidental or incidental causes) during pregnancy, childbirth or within 42 days of termination of pregnancy, irrespective of the duration or site of the pregnancy, for every 100000 live births in a given year or period of time.

Morbidity

The extent of illness, injury or disability in a population

Operational Health facility: Facility is open and provides services

Out-patient

A person, who goes to a health care facility for consultation, is not admitted to the facility and does not occupy a hospital bed for any length of time.

HEALTH AND HEALTH RELATED INDICATORS

