



# The Ethiopian Public Health Institute

## HIV Related Estimats and Projections in Ethiopia for the Year-2020

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Addis Ababa

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## **Foreword**

The importance of countries' "knowing their epidemic" as a prerequisite for success in defeating HIV is widely accepted and clearly recognized worldwide. The Ethiopian Ministry of Health has also adopted an evidence informed approach for advocacy, planning, and budgeting at the National and regional levels for the HIV and AIDS response.

HIV continues to be a major global public health issue, having claimed almost 33 million lives so far. However, with successful implementation of HIV prevention, diagnosis, treatment and care, including for opportunistic infections, HIV infection has become a manageable chronic health condition, enabling people living with HIV to lead long and healthy lives.

This 2020 HIV Estimates Report aims to provide an improved understanding of the HIV epidemic in Ethiopia, and offers important insights into the impact of various interventions.

The estimates have been derived from important data sources such as population demographic data agency, program statistics such as ART data, PMTCT, Viral load data from central statistical agency, ministry of health and EPHI respectively. These program data have been processed using spectrum model version number 6.04 to produce regional estimate, and used Naomi model to further disaggregate the estimation at a district-level for the first time during this year. The Naomi model workflow and interface were well received by country estimates teams, particularly elements relating to data visualization and validation by technical team in consultation and review with key stakeholders from the Ethiopian Ministry of Health, Federal HIV/AIDS Prevention and Control Office (HAPCO), UNAIDS, USAIDS, WHO and other national and international organizations.

The highlights of this report indicates that a gradual decline in PLHIV that were estimated in 669,236 for the year 2019 to 622,326 in 2020, also adult HIV new infection declined from 11,613 to 8,921 for the year 2019 and 2020 respectively. It is with pleasure that we communicate the 2019 Ethiopia HIV Estimates Report; a product of hard work, resilience, and renewed commitment to ending HIV AIDS. The 2020 Ethiopia HIV estimation report seeks to provide insight into the HIV epidemic in Ethiopia, and offers critical input into the impact of key interventions.

## Acknowledgement

This report has developed through concerted efforts of a multi-sectoral team, led by Ethiopian Public Health Institute. The institute would like to acknowledge and appreciate members of the Technical Working Group (TWG) from; Ethiopian Ministry of Health (MOH), Federal HIV/AIDS Prevention and Control Office (HAPCO), United Nations Program on HIV and AIDS (UNAIDS); World Health Organization (WHO); United States Agency for International Development. (USAIDS); and the U.S. Centers for Disease Control and Prevention (CDC).

### The 2020 HIV Spectrum Estimation Technical Working Groups

Name	Role	Organization
Altaye Feleke	TWG Chair	EPHI
Saro Abdella	TWG Member	EPHI
Jaleta Bulti	TWG Member	EPHI
Lemessa Negeri	TWG Member	EPHI
Jelaludin Ahmed	TWG Member	ICAP-E
Fikirte Yonannes	TWG Member	CDC-E
Natsanet Haniko	TWG Member	FHAPCO
Getet Getachew	TWG Member	MOH
Aregash Molla	TWG Member	MOH
Shegaw Mulu	TWG Member	MOH
Dr Ashenafi Haile	TWG Member	CDC-E
Sileshi Kassa	TWG Member	USAID
Mirte Getachew	TWG Member	MOH
Dr Frehiwot Eshetu	TWG Member	CDC-E
Dr Getnet Abera	TWG Member	CDC-E
Dr. Fekadu Adugna	TWG Member	WHO
Emmanuel Kasheeka	TWG Member	UNAIDS
John Stover	Technical Advisor	Avenir Health
Mary Mahy	Technical Advisor	UNAIDS
Ray Shiraishi	Technical Advisor	CDC-Atlanta
Yimam Getaneh	Supervisor	EPHI
Dr Getachew Tolera	Supervisor	EPHI

# ETHIOPIA | 2020

## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	622,326	617,921
Male	238,546	235,550
Female	383,780	382,371
<b>New HIV infections total (all ages)</b>	<b>11,715</b>	<b>10,943</b>
Male	4,278	3,980
Female	7,437	6,963
<b>Annual AIDS deaths total (all ages)</b>	<b>11,546</b>	<b>6,988</b>
Male	4,976	3,108
Female	6,570	3,865
<b>Adults living with HIV total (aged 15+)</b>	<b>625,007</b>	<b>477,609</b>
Male	233,211	177,255
Female	391,796	300,095
HIV Prevalence	0.96%	0.93%
<b>Adults with New HIV infections total (15+)</b>	<b>11,613</b>	<b>6,541</b>
Male	4,368	2,461
Female	7,245	4,088
<b>Adults annual AIDS deaths total (aged 15+)</b>	<b>8,921</b>	<b>8,437</b>
Male	2,855	2,704
Female	6,065	5,734
<b>Adults living with HIV total (aged 50+)</b>	<b>142,418</b>	<b>154,197</b>
Male	62,492	66,689
Female	79,926	87,508
<b>New HIV infections total (aged 50+)</b>	<b>461</b>	<b>439</b>
<b>Male</b>	<b>204</b>	<b>194</b>
<b>Female</b>	<b>257</b>	<b>245</b>
<b>Adults annual AIDS deaths Total (aged 50+)</b>	<b>3,033</b>	<b>2,982</b>
<b>Male</b>	<b>1,488</b>	<b>1,469</b>
<b>Female</b>	<b>1,545</b>	<b>1,513</b>
<b>Children with HIV (aged 0-14)</b>	<b>44,138</b>	<b>40,528</b>
<b>New HIV infections (aged 0-14)</b>	<b>2,794</b>	<b>2,505</b>
<b>Annual AIDS deaths (aged 0-14)</b>	<b>1,967</b>	<b>1,861</b>
<b>PMTCT summary</b>		
Mothers needing PMTCT	18,677	17,635
Mothers Receiving PMTCT	17,164	14,515
PMTCT coverage	91.90%	82.31%
Final transmission rate	<b>14.94%</b>	14.21%

# ADDIS ABABA | 2020

## HIV AND AIDS ESTIMATES

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	107,026	105,231
Male	44,658	43,546
Female	62,368	61,685
<b>New HIV infections total (all ages)</b>	686	552
Male	308	246
Female	378	306
<b>Annual AIDS deaths total (all ages)</b>	1660	1501
Male	969	910
Female	691	591
<b>Adults living with HIV total (aged 15+)</b>	103,634	102,274
Male	42,930	42,040
Female	60,704	60,234
HIV Prevalence	3.41	3.36
<b>Adults with New HIV infections total (15+)</b>	504	480
Male	215	184
Female	289	246
<b>Adults annual AIDS deaths total (aged 15+)</b>	1563	1408
Male	919	863
Female	644	545
<b>Adults living with HIV total (aged 50+)</b>	40,602	42,825
Male	18,573	19,306
Female	22,029	23,518
<b>New HIV infections total (aged 50+)</b>	68	59
Male	32	28
Female	36	31
<b>Adults annual AIDS deaths Total (aged 50+)</b>	690	655
Male	439	427
Female	251	228
<b>Children with HIV (aged 0-14)</b>	3,392	2,957
<b>New HIV infections (aged 0-14)</b>	182	121
<b>Annual AIDS deaths (aged 0-14)</b>	97	94
<b>PMTCT summary</b>		
Mothers needing PMTCT	2,023	1,900
Mothers Receiving PMTCT	2,059	1,900
PMTCT coverage	100%	100%
Final transmission rate	9.0%	6.4%

## Afar | 2020

### HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	11,990	11,783
Male	4,993	4,881
Female	6,997	6,902
<b>New HIV infections total (all ages)</b>	<b>372</b>	<b>355</b>
Male	146	137
Female	226	218
<b>Annual AIDS deaths total (all ages)</b>	<b>533</b>	<b>493</b>
Male	231	211
Female	302	282
<b>Adults living with HIV total (aged 15+)</b>	10,618	10,516
Male	4,298	4,239
Female	6,320	6,277
HIV Prevalence	0.93%	0.89%
<b>Adults with New HIV infections total (15+)</b>	<b>296</b>	<b>292</b>
Male	107	106
Female	188	187
<b>Adults annual AIDS deaths total (aged 15+)</b>	457	427
Male	193	177
Female	264	250
<b>Adults living with HIV total (aged 50+)</b>	2200	2281
Male	1211	1222
Female	989	1058
<b>New HIV infections total (aged 50+)</b>	<b>21</b>	<b>21</b>
<b>Male</b>	13	12
<b>Female</b>	8	9
<b>Adults annual AIDS deaths Total (aged 50+)</b>	126	121
<b>Male</b>	69	64
<b>Female</b>	57	56
<b>Children with HIV (aged 0-14)</b>	1,372	1,267
<b>New HIV infections (aged 0-14)</b>	695	642
<b>Annual AIDS deaths (aged 0-14)</b>	677	625
<b>PMTCT summary</b>		
Mothers needing PMTCT	539	492
Mothers Receiving PMTCT	503	447
PMTCT coverage	93.4%	91.0%
Final transmission rate	<b>14.1%</b>	12.8%

# AMHARA | 2020

## HIV AND AIDS ESTIMATES

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	192,644	191,480
Male	75,988	75,030
Female	116,656	116,450
<b>New HIV infections total (all ages)</b>	3414	3414
Male	1,332	1,289
Female	2,082	2,025
<b>Annual AIDS deaths total (all ages)</b>	3,469	3,362
Male	1,748	1,678
Female	1,721	1,685
<b>Adults living with HIV total (aged 15+)</b>	179,613	179,500
Male	69,376	68,951
Female	110,237	110,548
HIV Prevalence	1.3%	1.3%
<b>Adults with New HIV infections total (15+)</b>	2,556	2,523
Male	895	886
Female	1661	1637
<b>Adults annual AIDS deaths total (aged 15+)</b>	2,884	2,809
Male	1450	1396
Female	1433	1413
<b>Adults living with HIV total (aged 50+)</b>	39,665	43,732
Male	17,248	18,845
Female	22,418	24,887
<b>New HIV infections total (aged 50+)</b>	109	111
<b>Male</b>	46	48
<b>Female</b>	63	63
<b>Adults annual AIDS deaths Total (aged 50+)</b>	777	832
<b>Male</b>	423	444
<b>Female</b>	354	388
<b>Children with HIV (aged 0-14)</b>	13,031	11,980
<b>New HIV infections (aged 0-14)</b>	858	791
<b>Annual AIDS deaths (aged 0-14)</b>	585	553
<b>PMTCT summary</b>		
Mothers needing PMTCT	5,518	5,242
Mothers Receiving PMTCT	4,661	4,141
PMTCT coverage	84.5%	79.0%
Final transmission rate	15.6%	15.1%



# Benishangul Gumz | 2020

## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	6,075	6,057
Male	2,329	2,305
Female	3,746	3,752
<b>New HIV infections total (all ages)</b>	155	143
Male	58	52
Female	97	91
<b>Annual AIDS deaths total (all ages)</b>	114	118
Male	54	54
Female	60	64
<b>Adults living with HIV total (aged 15+)</b>	5,723	5,735
Male	2151	2142
Female	3,572	3,593
HIV Prevalence	0.82%	0.80%
<b>Adults with New HIV infections total (15+)</b>	125	122
Male	43	42
Female	83	81
<b>Adults annual AIDS deaths total (aged 15+)</b>	98	103
Male	46	47
Female	52	56
<b>Adults living with HIV total (aged 50+)</b>	1207	1305
Male	578	613
Female	629	692
<b>New HIV infections total (aged 50+)</b>	7	7
<b>Male</b>	3	3
<b>Female</b>	4	4
<b>Adults annual AIDS deaths Total (aged 50+)</b>	27	31
<b>Male</b>	15	16
<b>Female</b>	12	15
<b>Children with HIV (aged 0-14)</b>	352	323
<b>New HIV infections (aged 0-14)</b>	30	21
<b>Annual AIDS deaths (aged 0-14)</b>	16	15
<b>PMTCT summary</b>		
Mothers needing PMTCT	161	154
Mothers Receiving PMTCT	133	140
PMTCT coverage	82.4%	90.0%
Final transmission rate	18.3%	13.4%

## HIV AND AIDS ESTIMATES

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	11,120	11,033
Male	4393	4325
Female	6,727	6,709
<b>New HIV infections total (all ages)</b>	284	271
Male	112	107
Female	172	164
<b>Annual AIDS deaths total (all ages)</b>	304	280
Male	165	141
Female	139	139
<b>Adults living with HIV total (aged 15+)</b>	10,635	10,583
Male	4,144	4,094
Female	6,491	6,489
HIV Prevalence	3.08%	3.00%
<b>Adults with New HIV infections total (15+)</b>	244	232
Male	92	88
Female	152	144
<b>Adults annual AIDS deaths total (aged 15+)</b>	278	256
Male	152	129
Female	126	127
<b>Adults living with HIV total (aged 50+)</b>	2,566	2,740
Male	1,158	1,218
Female	1,409	1,522
<b>New HIV infections total (aged 50+)</b>	18	17
<b>Male</b>	9	8
<b>Female</b>	9	9
<b>Adults annual AIDS deaths Total (aged 50+)</b>	88	85
<b>Male</b>	53	46
<b>Female</b>	35	38
<b>Children with HIV (aged 0-14)</b>	485	450
<b>New HIV infections (aged 0-14)</b>	40	39
<b>Annual AIDS deaths (aged 0-14)</b>	25	24
<b>PMTCT summary</b>		
Mothers needing PMTCT	205	194
Mothers Receiving PMTCT	168	138
PMTCT coverage	82.1%	71%
Final transmission rate	19.4%	20%

## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	13505	13498
Male	5,774	5,762
Female	7,731	7,736
<b>New HIV infections total (all ages)</b>	448	390
Male	176	152
Female	271	238
<b>Annual AIDS deaths total (all ages)</b>	352	325
Male	101	124
Female	251	201
<b>Adults living with HIV total (aged 15+)</b>	12,290	12,376
Male	5,159	5,193
Female	7,131	7,183
HIV Prevalence	4.0%	3.9%
<b>Adults with New HIV infections total (15+)</b>	358	320
Male	130	117
Female	227	203
<b>Adults annual AIDS deaths total (aged 15+)</b>	292	271
Male	70	97
Female	222	174
<b>Adults living with HIV total (aged 50+)</b>	1875	2053
Male	1,016	1,102
Female	859	951
<b>New HIV infections total (aged 50+)</b>	20	18
<b>Male</b>	10	9
<b>Female</b>	10	9
<b>Adults annual AIDS deaths Total (aged 50+)</b>	55	59
<b>Male</b>	17	27
<b>Female</b>	38	32
<b>Children with HIV (aged 0-14)</b>	1215	1123
<b>New HIV infections (aged 0-14)</b>	616	569
<b>Annual AIDS deaths (aged 0-14)</b>	599	554
<b>PMTCT summary</b>		
Mothers needing PMTCT	470	482
Mothers Receiving PMTCT	382	390
PMTCT coverage	79.2%	83.0%
Final transmission rate	18.7%	14.9%

## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	5,211	5,216
Male	1952	1943
Female	3,259	3,274
<b>New HIV infections total (all ages)</b>	<b>84</b>	<b>83</b>
Male	30	29
Female	54	54
<b>Annual AIDS deaths total (all ages)</b>	<b>47</b>	<b>45</b>
Male	21	22
Female	26	23
<b>Adults living with HIV total (aged 15+)</b>	4,987	5,008
Male	1838	1837
Female	3,148	3,171
HIV Prevalence	2.90%	2.89%
<b>Adults with New HIV infections total (15+)</b>	71	71
Male	23	23
Female	48	48
<b>Adults annual AIDS deaths total (aged 15+)</b>	41	38
Male	18	19
Female	23	19
<b>Adults living with HIV total (aged 50+)</b>	1248	1370
Male	573	618
Female	675	752
<b>New HIV infections total (aged 50+)</b>	4	4
<b>Male</b>	2	2
<b>Female</b>	2	2
<b>Adults annual AIDS deaths Total (aged 50+)</b>	12	12
<b>Male</b>	6	7
<b>Female</b>	6	5
<b>Children with HIV (aged 0-14)</b>	224	209
<b>New HIV infections (aged 0-14)</b>	114	106
<b>Annual AIDS deaths (aged 0-14)</b>	110	103
<b>PMTCT summary</b>		
Mothers needing PMTCT	101	91
Mothers Receiving PMTCT	94	76
PMTCT coverage	93.3%	83.0%
Final transmission rate	12.72%	13.10

## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	152,291	151,205
Male	48,967	48,615
Female	103,324	102,590
<b>New HIV infections total (all ages)</b>	2783	2708
Male	752	758
Female	2031	1950
<b>Annual AIDS deaths total (all ages)</b>	3283	3015
Male	879	786
Female	2,404	2,229
<b>Adults living with HIV total (aged 15+)</b>	138,588	138,646
Male	42,015	42,243
Female	96,573	96,403
HIV Prevalence	0.65%	0.62%
<b>Adults with New HIV infections total (15+)</b>	2,115	1,974
Male	412	385
Female	1,703	1,590
<b>Adults annual AIDS deaths total (aged 15+)</b>	2,724	2,462
Male	595	505
Female	2,129	1,958
<b>Adults living with HIV total (aged 50+)</b>	29,116	31,859
Male	11,790	11,622
Female	18,326	20,237
<b>New HIV infections total (aged 50+)</b>	82	78
<b>Male</b>	25	24
<b>Female</b>	57	54
<b>Adults annual AIDS deaths Total (aged 50+)</b>	660	639
<b>Male</b>	150	133
<b>Female</b>	510	507
<b>Children with HIV (aged 0-14)</b>	13,703	12,559
<b>New HIV infections (aged 0-14)</b>	668	734
<b>Annual AIDS deaths (aged 0-14)</b>	559	553
<b>PMTCT summary</b>		
Mothers needing PMTCT	4,969	4,611
Mothers Receiving PMTCT	5,277	3,643
PMTCT coverage	100%	79%
Final transmission rate	13.44%	15.91%

## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	20,376	20,534
Male	8,098	8,101
Female	12,278	12,433
<b>New HIV infections total (all ages)</b>	1,011	864
Male	391	327
Female	620	538
<b>Annual AIDS deaths total (all ages)</b>	726	610
Male	316	274
Female	410	336
<b>Adults living with HIV total (aged 15+)</b>	18,344	18,612
Male	7,067	7,126
Female	11,278	11,487
HIV Prevalence	0.69%	0.68%
<b>Adults with New HIV infections total (15+)</b>	775	713
Male	271	249
Female	504	463
<b>Adults annual AIDS deaths total (aged 15+)</b>	584	476
Male	243	206
Female	341	270
<b>Adults living with HIV total (aged 50+)</b>	2,805	3,066
Male	1,357	1,456
Female	1,458	1,610
<b>New HIV infections total (aged 50+)</b>	36	34
<b>Male</b>	17	16
<b>Female</b>	19	18
<b>Adults annual AIDS deaths Total (aged 50+)</b>	124	105
<b>Male</b>	62	54
<b>Female</b>	62	51
<b>Children with HIV (aged 0-14)</b>	1,921	1,921
<b>New HIV infections (aged 0-14)</b>	236	151
<b>Annual AIDS deaths (aged 0-14)</b>	143	134
<b>PMTCT summary</b>		
Mothers needing PMTCT	779	780
Mothers Receiving PMTCT	328	554
PMTCT coverage	42.12%	71.0%
Final transmission rate	30.34%	19.42%

## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	47,373	47,200
Male	18,920	18,730
Female	28,453	28,470
<b>New HIV infections total (all ages)</b>	1314	1194
Male	513	465
Female	801	729
<b>Annual AIDS deaths total (all ages)</b>	1,287	1,107
Male	600	521
Female	687	586
<b>Adults living with HIV total (aged 15+)</b>	43,483	43,547
Male	16,947	16,877
Female	26,536	26,669
HIV Prevalence	0.45%	0.44%
<b>Adults with New HIV infections total (15+)</b>	998	910
Male	352	321
Female	646	589
<b>Adults annual AIDS deaths total (aged 15+)</b>	1,087	922
Male	499	427
Female	588	495
<b>Adults living with HIV total (aged 50+)</b>	8,818	9,609
Male	4,131	4,428
Female	4,687	5,181
<b>New HIV infections total (aged 50+)</b>	48	44
<b>Male</b>	23	21
<b>Female</b>	25	23
<b>Adults annual AIDS deaths Total (aged 50+)</b>	283	256
<b>Male</b>	150	135
<b>Female</b>	133	121
<b>Children with HIV (aged 0-14)</b>	3,890	3,653
<b>New HIV infections (aged 0-14)</b>	317	285
<b>Annual AIDS deaths (aged 0-14)</b>	200	185
<b>PMTCT summary</b>		
Mothers needing PMTCT	1,609	1,548
Mothers Receiving PMTCT	1,220	1,099
PMTCT coverage	75.82%	71.00%
Final transmission rate	19.69%	18.40%

# HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	5662	5543
Male	2,314	2,256
Female	3,348	3,287
<b>New HIV infections total (all ages)</b>	209	182
Male	86	73
Female	124	109
<b>Annual AIDS deaths total (all ages)</b>	326	271
Male	138	115
Female	189	156
<b>Adults living with HIV total (aged 15+)</b>	4,896	4,819
Male	1,926	1,889
Female	2970	2930
HIV Prevalence	0.15	0.14
<b>Adults with New HIV infections total (15+)</b>	134	124
Male	48	44
Female	86	80
<b>Adults annual AIDS deaths total (aged 15+)</b>	270	223
Male	110	91
Female	162	132
<b>Adults living with HIV total (aged 50+)</b>	1025	1055
Male	538	539
Female	487	516
<b>New HIV infections total (aged 50+)</b>	8	7
<b>Male</b>	5	4
<b>Female</b>	3	3
<b>Adults annual AIDS deaths Total (aged 50+)</b>	75	63
<b>Male</b>	39	33
<b>Female</b>	36	30
<b>Children with HIV (aged 0-14)</b>	766	724
<b>New HIV infections (aged 0-14)</b>	76	58
<b>Annual AIDS deaths (aged 0-14)</b>	55	48
<b>PMTCT summary</b>		
Mothers needing PMTCT	212	191
Mothers Receiving PMTCT	47	72
PMTCT coverage	23.08	37.67
Final transmission rate	35.7	30.4



## HIV and AIDS Estimates

Years	Year -2020	Year-2021
<b>Peoples living with HIV total (all ages)</b>	49,053	49,141
Male	20160	20057
Female	28,893	29,084
<b>New HIV infections total (all ages)</b>	954	886
Male	374	342
Female	580	544
<b>Annual AIDS deaths total (all ages)</b>	584	547
Male	285	314
Female	300	233
<b>Adults living with HIV total (aged 15+)</b>	45,376	45,779
Male	18,290	18,347
Female	27086	27432
HIV Prevalence	1.32%	1.29%
<b>Adults with New HIV infections total (15+)</b>	746	725
Male	267	260
Female	478	465
<b>Adults annual AIDS deaths total (aged 15+)</b>	439	416
Male	211	247
Female	228	169
<b>Adults living with HIV total (aged 50+)</b>	11,291	12,303
Male	5331	5719
Female	5,960	6,584
<b>New HIV infections total (aged 50+)</b>	39	38
<b>Male</b>	19	19
<b>Female</b>	20	19
<b>Adults annual AIDS deaths Total (aged 50+)</b>	117	115
<b>Male</b>	65	83
<b>Female</b>	52	42
<b>Children with HIV (aged 0-14)</b>	3,676	3,362
<b>New HIV infections (aged 0-14)</b>	209	161
<b>Annual AIDS deaths (aged 0-14)</b>	145	131
<b>PMTCT summary</b>		
Mothers needing PMTCT	2,079	1,963
Mothers Receiving PMTCT	2,290	1,916
PMTCT coverage	100%	97.6%
Final transmission rate	10.03%	8.22

## Ethiopia-Zone-level Estimates Using Naomi Model for the Year 2020

Area	Distribution of HIV		Annual HIV infections			Antiretroviral Treatment	
	PLHIV 15+	HIV prevalence 15-49	Incidence 15-49 (per 1000)	New infections 15+	ART coverage 15+	Number residents on ART 15+	Number clients receiving ART 15+
Addis Ketema	11,800 (7,500-17,600)	3.3% (2.2-4.9%)	0.4 (0.2-0.9)	110 (60-240)	83.2% (25.8-99.9%)	9,800 (3,400-16,400)	9,700
Akaki Kality	2,400 (1,000-4,700)	1.8% (0.7-3.6%)	0.2 (0.1-0.5)	20 (10-50)	84.6% (31.6-100.0%)	2,000 (600-4,200)	2,000
Arada	6,500 (2,900-12,300)	2.2% (1.0-4.1%)	0.3 (0.1-0.6)	60 (20-140)	84.3% (30.7-100.0%)	5,500 (1,700-11,100)	5,500
Bole	3,900 (1,800-7,100)	1.7% (0.8-3.2%)	0.2 (0.1-0.5)	40 (10-90)	83.8% (30.2-99.9%)	3,300 (1,000-6,400)	3,300
Gulele	7,000 (3,700-11,600)	2.3% (1.2-3.8%)	0.3 (0.1-0.6)	60 (30-140)	84.9% (30.8-99.9%)	5,900 (2,100-10,300)	5,900
Kirkos	12,700 (6,100-22,300)	3.7% (1.8-6.6%)	0.4 (0.2-1.0)	110 (50-270)	84.3% (27.9-99.9%)	10,700 (3,700-19,900)	10,600
Kolfe Keraniyo	6,900 (3,900-11,700)	2.3% (1.3-3.7%)	0.3 (0.1-0.6)	60 (30-130)	84.4% (30.0-99.9%)	5,800 (2,100-10,300)	5,800
Lideta	8,000 (3,700-14,600)	2.8% (1.3-5.1%)	0.3 (0.1-0.7)	70 (30-160)	85.4% (30.4-100.0%)	6,800 (1,900-13,600)	6,700
Nefas Silk-Lafto	7,000 (3,800-11,700)	2.2% (1.2-3.6%)	0.3 (0.1-0.6)	60 (30-150)	84.2% (28.8-99.9%)	5,900 (2,300-10,500)	5,800
Yeka	8,900 (5,500-13,300)	3.0% (1.9-4.4%)	0.3 (0.2-0.7)	80 (40-170)	84.0% (33.0-100.0%)	7,400 (3,000-12,300)	7,400
Awsa (Zone 1)	9,000 (5,400-14,200)	2.1% (1.3-3.4%)	0.5 (0.2-1.2)	170 (70-390)	79.9% (18.9-99.9%)	7,200 (2,000-12,300)	7,200
Fanti (Zone 4)	1,200 (400-2,600)	0.6% (0.2-1.2%)	0.1 (0.0-0.4)	20 (10-60)	80.3% (22.6-99.9%)	900 (200-2,200)	900

Gabi (Zone 3)	1,700 (800-3,300)	0.8% (0.4-1.6%)	0.2 (0.1-0.5)	30 (10-80)	79.4% (19.0-99.9%)	1,300 (300-2,800)	1,300
Harri (Zone 5)	700 (200-1,800)	0.4% (0.1-1.1%)	0.1 (0.0-0.3)	10 (0-40)	79.2% (17.9-99.9%)	500 (100-1,500)	500
Kilbati (Zone 2)	1,200 (500-2,600)	0.4% (0.2-0.8%)	0.1 (0.0-0.2)	20 (10-60)	81.0% (20.7-99.9%)	1,000 (200-2,200)	1,000
Awi	12,000 (4,800-24,300)	1.4% (0.6-2.8%)	0.3 (0.1-0.7)	170 (50-460)	81.1% (23.0-99.9%)	9,700 (2,500-21,200)	9,700
Bahir Dar Sp. Zone	21,400 (8,800-41,000)	6.9% (2.9-13.3%)	1.2 (0.4-3.3)	280 (100-730)	83.7% (26.6-100.0%)	17,900 (5,200-36,700)	18,000
Central Gondar	12,200 (5,100-23,600)	0.8% (0.4-1.7%)	0.2 (0.1-0.4)	170 (60-490)	80.9% (22.8-99.9%)	9,900 (2,700-20,800)	9,800
Dese Town	13,800 (5,900-26,400)	6.1% (2.6-11.8%)	1.0 (0.4-2.4)	180 (60-400)	86.8% (36.3-100.0%)	12,000 (3,800-24,200)	12,000
East Gojam	14,800 (7,000-28,900)	0.8% (0.4-1.5%)	0.1 (0.1-0.4)	210 (80-530)	80.8% (19.4-99.9%)	12,000 (3,000-24,100)	11,900
Gondar Town	16,100 (4,000-39,300)	5.0% (1.3-12.6%)	0.8 (0.2-2.6)	210 (50-600)	85.7% (33.2-100.0%)	13,800 (2,900-35,100)	13,800
North Gondar	5,500 (2,100-12,300)	0.9% (0.3-2.0%)	0.2 (0.0-0.5)	80 (20-210)	81.9% (25.2-99.9%)	4,500 (1,200-10,500)	4,500
North Shewa (Amhara)	10,100 (3,800-21,800)	0.6% (0.2-1.3%)	0.1 (0.0-0.3)	140 (40-400)	80.1% (17.6-99.9%)	8,100 (1,800-18,300)	8,100
North Wolo	24,800 (12,700-43,200)	2.1% (1.1-3.6%)	0.4 (0.2-0.9)	340 (140-820)	82.1% (24.4-99.9%)	20,400 (5,400-38,500)	20,400

Oromiya Zone	3,000 (900-7,200)	0.8% (0.2-1.8%)	0.1 (0.0-0.4)	40 (10-120)	81.8% (22.8-99.9%)	2,500 (500-6,100)	2,500
South Gondar	13,600 (6,200-26,200)	0.8% (0.4-1.5%)	0.1 (0.0-0.3)	180 (70-460)	82.8% (24.4-99.9%)	11,300 (3,300-24,300)	11,200
South Wolo	25,700 (12,500-44,100)	1.2% (0.6-2.1%)	0.2 (0.1-0.5)	350 (150-890)	82.1% (23.7-99.9%)	21,100 (6,400-40,600)	21,100
Wag Himra	3,900 (1,500-8,400)	1.1% (0.4-2.4%)	0.2 (0.1-0.5)	50 (20-140)	81.8% (24.8-99.9%)	3,200 (800-7,600)	3,200
West Gojam	9,400 (4,000-18,200)	0.5% (0.2-1.0%)	0.1 (0.0-0.3)	130 (50-360)	80.9% (19.6-99.9%)	7,600 (2,000-16,000)	7,600
West Gondar	4,300 (1,400-10,200)	1.5% (0.5-3.7%)	0.3 (0.1-0.8)	60 (20-170)	82.0% (23.1-99.9%)	3,500 (800-8,800)	3,500
Assosa	1,100 (400-2,300)	0.4% (0.2-0.9%)	0.1 (0.0-0.3)	20 (10-60)	78.3% (16.9-99.9%)	900 (200-1,900)	900
Assosa Town	1,800 (600-4,200)	3.8% (1.3-8.7%)	0.9 (0.3-2.6)	30 (10-100)	80.0% (19.5-99.9%)	1,400 (300-3,600)	1,400
Kemashi	900 (400-2,100)	0.9% (0.3-2.0%)	0.2 (0.1-0.7)	20 (10-50)	80.1% (21.7-99.9%)	800 (200-1,800)	800
Mao Komo Sp. Woreda	200 (0-500)	0.3% (0.1-1.0%)	0.1 (0.0-0.3)	0 (0-10)	78.2% (19.5-99.9%)	100 (0-400)	100
Metekel	3,700 (2,000-6,300)	1.1% (0.6-1.9%)	0.3 (0.1-0.6)	70 (30-170)	82.1% (24.6-99.9%)	3,000 (900-5,600)	3,000
Dire Dawa Town	7,800 (5,600-10,700)	2.1% (1.6-2.9%)	0.6 (0.3-1.4)	170 (90-400)	81.3% (23.3-99.9%)	6,300 (2,100-9,500)	6,300
Angewak	3,000 (2,000-4,300)	4.8% (3.2-6.8%)	1.3 (0.7-2.9)	60 (30-140)	80.1% (21.7-99.9%)	2,400 (600-3,800)	2,400
Etang Spe. Woreda	1,000 (500-1,900)	3.0% (1.4-5.4%)	0.8 (0.3-2.0)	20 (10-50)	80.9% (22.8-99.9%)	800 (200-1,700)	800

Gambella Town	3,000 (1,800-4,600)	4.5% (2.7-6.9%)	1.3 (0.6-2.9)	70 (30-150)	76.5% (16.0-99.9%)	2,300 (500-3,900)	2,300
Mejenger	2,300 (1,600-3,300)	4.1% (2.9-5.8%)	1.1 (0.6-2.7)	50 (30-110)	78.2% (19.2-99.9%)	1,800 (500-2,900)	1,800
Nuwer	1,800 (900-3,500)	1.7% (0.8-3.3%)	0.5 (0.2-1.2)	40 (10-100)	78.0% (16.0-99.9%)	1,400 (300-3,000)	1,400
Harari	4,300 (3,000-6,300)	2.3% (1.6-3.2%)	0.6 (0.3-1.4)	90 (50-210)	83.5% (26.9-99.9%)	3,600 (1,400-5,500)	3,600
Adama Town	8,000 (2,200-21,000)	2.5% (0.7-6.6%)	0.5 (0.1-1.4)	120 (30-340)	80.3% (20.6-99.9%)	6,400 (1,200-17,400)	6,400
Ambo Town	1,800 (500-5,000)	2.6% (0.7-7.1%)	0.4 (0.1-1.4)	20 (10-80)	85.8% (30.7-100.0%)	1,600 (300-4,300)	1,600
Arsi	8,700 (3,200-18,700)	0.4% (0.1-0.8%)	0.1 (0.0-0.2)	120 (40-330)	81.7% (23.7-99.9%)	7,100 (1,800-16,300)	7,100
Asela Town	2,000 (500-5,600)	2.1% (0.5-5.7%)	0.4 (0.1-1.1)	30 (10-80)	85.3% (32.0-100.0%)	1,700 (300-5,000)	1,700
Bale	4,600 (1,400-11,500)	0.6% (0.2-1.4%)	0.1 (0.0-0.3)	60 (20-190)	82.1% (26.9-100.0%)	3,800 (900-9,700)	3,800
Batu Town	600 (200-1,600)	1.0% (0.3-2.5%)	0.2 (0.0-0.6)	10 (0-30)	80.6% (21.5-99.9%)	500 (100-1,300)	500
Bishan Guracha Town	100 (0-400)	0.7% (0.1-2.5%)	0.1 (0.0-0.6)	0 (0-10)	79.6% (18.3-99.9%)	100 (0-300)	100
Bishoftu Town	2,800 (700-7,400)	2.4% (0.6-6.3%)	0.4 (0.1-1.4)	40 (10-130)	80.9% (21.7-99.9%)	2,300 (400-6,200)	2,300
Borena	4,300 (1,200-12,000)	1.3% (0.3-3.4%)	0.2 (0.0-0.8)	60 (10-200)	77.6% (16.6-99.9%)	3,400 (500-10,200)	3,400
Buno Bedele	4,200 (1,500-9,300)	0.8% (0.3-1.7%)	0.1 (0.0-0.4)	60 (20-180)	79.0% (19.1-99.9%)	3,300 (700-8,100)	3,400
Burayu Town	1,500 (400-3,700)	1.8% (0.5-4.4%)	0.3 (0.1-1.1)	20 (10-70)	77.9% (19.0-99.9%)	1,200 (200-3,000)	1,200

Dukem Town	300 (100-700)	2.9% (0.8-7.2%)	0.5 (0.1-1.7)	0 (0-10)	78.4% (18.9-99.9%)	200 (0-500)	200
East Bale	4,700 (1,500-11,300)	1.0% (0.3-2.5%)	0.2 (0.0-0.5)	60 (20-190)	82.6% (24.7-100.0%)	3,900 (800-10,500)	3,900
East Hararge	4,300 (1,300-11,600)	0.2% (0.1-0.5%)	0.0 (0.0-0.1)	60 (10-190)	80.2% (23.5-99.9%)	3,500 (600-9,600)	3,500
East Shewa	6,700 (2,300-14,400)	0.6% (0.2-1.3%)	0.1 (0.0-0.3)	90 (30-240)	81.9% (25.7-99.9%)	5,500 (1,200-13,100)	5,500
East Welega	8,400 (3,500-17,000)	0.8% (0.3-1.6%)	0.1 (0.0-0.4)	120 (40-330)	81.0% (24.1-99.9%)	6,800 (1,700-14,800)	6,800
Finfinne Special Zone	4,000 (1,400-8,800)	0.8% (0.3-1.8%)	0.1 (0.0-0.4)	60 (20-160)	80.3% (23.6-99.9%)	3,200 (800-7,200)	3,200
Gelan Town	200 (0-400)	1.3% (0.4-3.2%)	0.2 (0.1-0.8)	0 (0-10)	79.8% (20.8-99.9%)	100 (0-300)	100
Guji	9,000 (3,100-19,500)	0.9% (0.3-1.9%)	0.2 (0.0-0.5)	130 (40-360)	78.1% (17.2-99.9%)	7,100 (1,400-16,200)	7,100
Holota Town	700 (200-1,900)	2.0% (0.5-5.4%)	0.4 (0.1-1.2)	10 (0-30)	78.7% (19.9-99.9%)	600 (100-1,500)	600
Horo Gudru Welega	2,000 (700-4,600)	0.4% (0.1-0.8%)	0.1 (0.0-0.2)	30 (10-70)	81.7% (24.1-99.9%)	1,600 (300-4,000)	1,600
Ilu Aba Bora	4,200 (1,200-11,000)	0.6% (0.2-1.6%)	0.1 (0.0-0.4)	60 (10-200)	80.2% (21.0-99.9%)	3,400 (500-9,000)	3,400
Jimma	6,600 (2,200-14,700)	0.3% (0.1-0.6%)	0.1 (0.0-0.1)	90 (30-250)	82.2% (24.0-100.0%)	5,500 (1,200-12,200)	5,500
Jimma Town	3,000 (900-7,100)	1.7% (0.5-4.1%)	0.3 (0.1-1.0)	40 (10-130)	81.1% (23.3-99.9%)	2,400 (500-6,000)	2,400
Kelem Welega	3,100 (1,100-7,200)	0.4% (0.1-1.0%)	0.1 (0.0-0.2)	40 (10-110)	82.0% (27.4-99.9%)	2,600 (500-6,700)	2,600
Lega Tafo	500 (100-1,200)	3.2% (0.8-8.3%)	0.6 (0.1-1.9)	10 (0-20)	79.6% (19.6-99.9%)	400 (100-1,000)	400

Town							
Mojo Town	1,400 (500-2,900)	3.4% (1.3-6.8%)	0.6 (0.2-1.7)	20 (10-60)	79.6% (22.1-99.9%)	1,100 (200-2,500)	1,100
Nekemte Town	2,900 (700-7,400)	2.7% (0.7-6.8%)	0.5 (0.1-1.6)	40 (10-130)	79.2% (17.2-99.9%)	2,300 (400-6,500)	2,300
North Shewa (Oromia)	8,400 (2,300-20,700)	0.8% (0.2-1.9%)	0.1 (0.0-0.5)	120 (30-390)	80.6% (24.9-100.0%)	6,700 (1,300-17,800)	6,800
Robe Town	1,200 (300-3,200)	1.9% (0.4-5.1%)	0.3 (0.1-1.1)	20 (0-50)	81.9% (28.0-100.0%)	1,000 (200-2,800)	1,000
Sebeta Town	900 (300-2,100)	1.2% (0.4-3.0%)	0.2 (0.1-0.7)	10 (0-40)	81.3% (23.3-99.9%)	700 (200-1,700)	700
Shashemene Town	2,200 (600-5,100)	1.5% (0.4-3.5%)	0.3 (0.1-0.8)	30 (10-90)	85.5% (30.5-100.0%)	1,800 (400-4,500)	1,800
South West Shewa	3,900 (900-11,300)	0.5% (0.1-1.4%)	0.1 (0.0-0.3)	60 (10-180)	77.4% (20.2-99.9%)	3,000 (500-8,900)	3,000
Sululta Town	200 (0-600)	2.4% (0.4-7.0%)	0.4 (0.1-1.3)	0 (0-10)	85.0% (29.3-100.0%)	200 (0-600)	200
West Arsi	5,100 (1,600-11,500)	0.3% (0.1-0.7%)	0.1 (0.0-0.2)	70 (20-220)	80.8% (24.9-99.9%)	4,100 (800-9,900)	4,100
West Guji	8,300 (2,600-19,300)	1.0% (0.3-2.2%)	0.2 (0.1-0.5)	120 (30-340)	77.7% (18.2-99.9%)	6,400 (1,000-16,200)	6,500
West Hararge	8,100 (3,200-17,100)	0.5% (0.2-1.0%)	0.1 (0.0-0.2)	110 (40-300)	81.7% (25.1-99.9%)	6,600 (1,700-14,500)	6,700
West Shewa	8,100 (3,000-17,300)	0.5% (0.2-1.0%)	0.1 (0.0-0.2)	110 (30-300)	81.1% (24.6-99.9%)	6,600 (1,600-15,600)	6,600
West Welega	5,300 (1,800-12,300)	0.4% (0.1-0.9%)	0.1 (0.0-0.2)	70 (20-230)	82.3% (24.7-99.9%)	4,300 (1,100-10,900)	4,300

Woliso Town	900 (300-1,900)	1.6% (0.5-3.5%)	0.3 (0.1-0.8)	10 (0-40)	82.5% (26.1-100.0%)	700 (200-1,700)	700
Alaba Sp. Woreda	800 (200-2,100)	0.4% (0.1-1.0%)	0.1 (0.0-0.3)	20 (0-50)	76.0% (14.6-99.9%)	600 (100-1,700)	600
Ale (SNNPR) Sp. Zone	300 (100-800)	0.4% (0.1-1.1%)	0.1 (0.0-0.3)	0 (0-20)	81.9% (25.8-99.9%)	200 (0-700)	200
Amaro Sp. Zone	500 (100-1,900)	0.4% (0.0-1.5%)	0.1 (0.0-0.5)	10 (0-50)	72.4% (11.7-99.8%)	400 (0-1,400)	400
Basketo Sp. Woreda	100 (0-500)	0.3% (0.1-0.9%)	0.1 (0.0-0.2)	0 (0-10)	78.2% (18.7-99.9%)	100 (0-400)	100
Bench Sheko	3,800 (1,500-8,400)	0.9% (0.3-1.9%)	0.2 (0.1-0.6)	80 (20-200)	76.9% (15.7-99.9%)	2,900 (600-7,200)	2,900
Burji Sp. Zone	100 (0-400)	0.2% (0.0-0.7%)	0.1 (0.0-0.2)	0 (0-10)	76.9% (13.9-99.9%)	100 (0-300)	100
Dawuro	1,300 (300-3,300)	0.3% (0.1-0.8%)	0.1 (0.0-0.2)	30 (10-80)	75.2% (13.1-99.9%)	1,000 (100-2,800)	1,000
Dereashe Sp. Zone	800 (200-1,800)	0.8% (0.2-1.9%)	0.2 (0.0-0.6)	20 (0-40)	73.2% (11.0-99.8%)	600 (100-1,500)	600
Gamo	3,700 (1,200-8,600)	0.3% (0.1-0.8%)	0.1 (0.0-0.3)	70 (20-240)	77.4% (15.8-99.9%)	2,800 (500-6,900)	2,800
Gedeo	5,800 (2,200-12,600)	0.7% (0.3-1.6%)	0.2 (0.1-0.5)	110 (30-290)	77.9% (17.4-99.9%)	4,500 (900-10,500)	4,500
Goffa	1,700 (500-4,100)	0.4% (0.1-0.9%)	0.1 (0.0-0.3)	40 (10-110)	73.2% (13.8-99.8%)	1,200 (200-3,500)	1,200
Gurage	5,000 (1,900-10,800)	0.4% (0.2-0.9%)	0.1 (0.0-0.3)	100 (30-260)	78.9% (20.7-99.9%)	4,000 (700-9,300)	4,000
Hadiya	2,400 (700-5,800)	0.2% (0.1-0.5%)	0.0 (0.0-0.2)	50 (10-140)	78.8% (20.1-99.9%)	1,900 (400-5,100)	1,900



Kefa	3,400 (1,200-7,200)	0.4% (0.2-0.9%)	0.1 (0.0-0.3)	70 (20-180)	77.6% (17.7-99.9%)	2,600 (500-6,300)	2,600
Kembata Timbaro	1,900 (600-4,500)	0.3% (0.1-0.7%)	0.1 (0.0-0.2)	40 (10-110)	78.0% (17.3-99.9%)	1,500 (300-3,600)	1,500
Konso	600 (200-1,600)	0.4% (0.1-1.0%)	0.1 (0.0-0.3)	10 (0-30)	81.2% (19.8-99.9%)	500 (100-1,300)	500
Konta Sp. Woreda	600 (200-1,400)	0.7% (0.2-1.8%)	0.2 (0.0-0.5)	10 (0-30)	76.5% (16.1-99.9%)	500 (100-1,300)	500
Sheka	2,100 (700-4,800)	1.1% (0.4-2.4%)	0.3 (0.1-0.7)	40 (10-110)	78.4% (16.5-99.9%)	1,700 (300-4,300)	1,700
Silti	4,200 (1,500-9,200)	0.6% (0.2-1.4%)	0.2 (0.0-0.5)	90 (20-240)	73.1% (12.2-99.8%)	3,000 (400-7,600)	3,100
South Omo	3,800 (1,200-8,300)	0.7% (0.2-1.6%)	0.2 (0.0-0.5)	70 (20-200)	76.9% (17.8-99.9%)	2,900 (400-7,400)	2,900
West Omo	1,800 (600-4,600)	1.0% (0.3-2.6%)	0.3 (0.1-0.8)	40 (10-110)	72.5% (9.4-99.8%)	1,300 (100-3,600)	1,300
Wolayita	6,400 (2,500-14,100)	0.5% (0.2-1.0%)	0.1 (0.0-0.3)	120 (40-330)	79.4% (18.6-99.9%)	5,100 (1,100-11,700)	5,100
Yem Sp. Woreda	300 (100-900)	0.5% (0.1-1.2%)	0.1 (0.0-0.4)	10 (0-20)	74.7% (15.2-99.8%)	300 (0-700)	300
Afder	2,100 (500-6,400)	0.5% (0.1-1.4%)	0.1 (0.0-0.3)	40 (10-120)	70.4% (11.0-99.8%)	1,500 (200-4,800)	1,500
Dawo	700 (200-1,900)	0.3% (0.1-0.7%)	0.1 (0.0-0.2)	10 (0-40)	75.9% (15.5-99.9%)	500 (100-1,700)	500
Dollo (Warder)	1,000 (100-3,100)	0.3% (0.0-1.1%)	0.1 (0.0-0.2)	20 (0-60)	75.6% (14.2-99.9%)	700 (100-2,600)	700
Erer	1,400 (100-6,300)	0.7% (0.1-2.9%)	0.1 (0.0-0.6)	20 (0-110)	75.4% (15.1-99.9%)	1,100 (100-5,000)	1,100

Fafen (Jijiga)	4,600 (1,700-9,500)	0.5% (0.2-1.0%)	0.1 (0.0-0.3)	80 (20-200)	71.9% (10.7-99.8%)	3,300 (500-7,600)	3,300
Jerer (Degahabur)	400 (100-1,600)	0.1% (0.0-0.4%)	0.0 (0.0-0.1)	10 (0-30)	70.6% (9.6-99.8%)	300 (0-1,300)	300
Korahe (Keberidehar)	700 (100-2,200)	0.2% (0.0-0.7%)	0.0 (0.0-0.2)	10 (0-40)	74.4% (15.2-99.8%)	500 (100-1,700)	500
Liben	700 (100-2,000)	0.2% (0.0-0.7%)	0.1 (0.0-0.2)	10 (0-40)	73.4% (12.1-99.9%)	500 (100-1,600)	500
Nogob	300 (0-1,200)	0.4% (0.1-1.3%)	0.1 (0.0-0.3)	10 (0-20)	65.7% (4.9-99.6%)	200 (0-800)	200
Shebele (Gode)	800 (200-2,200)	0.2% (0.0-0.5%)	0.0 (0.0-0.1)	10 (0-40)	71.6% (10.9-99.8%)	600 (100-1,800)	600
Siti (Shinile)	1,700 (300-6,200)	0.4% (0.1-1.4%)	0.1 (0.0-0.3)	30 (0-100)	76.2% (14.7-99.9%)	1,300 (100-5,300)	1,300
Central Tigray	5,700 (2,700-10,400)	0.6% (0.3-1.1%)	0.2 (0.1-0.4)	120 (40-300)	78.1% (18.9-99.9%)	4,500 (1,100-9,200)	4,500
Eastern Tigray	5,400 (2,600-10,600)	0.8% (0.4-1.5%)	0.2 (0.1-0.6)	110 (40-290)	78.1% (19.2-99.9%)	4,200 (1,100-8,800)	4,200
Mekele Special Zone	7,200 (3,200-14,000)	2.2% (1.0-4.4%)	0.6 (0.2-1.6)	150 (50-390)	80.5% (24.7-99.9%)	5,800 (1,300-11,900)	5,800
North Western Tigray	4,800 (2,200-9,000)	0.8% (0.3-1.5%)	0.2 (0.1-0.5)	100 (40-250)	79.6% (19.2-99.9%)	3,800 (900-8,200)	3,800
South Eastern Tigray	4,200 (1,600-9,400)	1.1% (0.4-2.3%)	0.3 (0.1-0.7)	80 (20-230)	81.0% (19.9-99.9%)	3,400 (800-7,900)	3,400
South Tigray	6,800 (3,300-12,400)	1.3% (0.6-2.3%)	0.3 (0.1-0.9)	140 (50-350)	79.5% (19.2-99.9%)	5,400 (1,300-10,100)	5,400
Western	3,200 (1,200-6,800)	1.0% (0.4-2.1%)	0.3 (0.1-0.7)	70 (20-170)	80.5% (19.5-99.9%)	2,600 (600-6,100)	2,600

Tigray							
Aleta Chuko	100 (0-500)	0.1% (0.0-0.4%)	0.0 (0.0-0.2)	0 (0-20)	79.3% (22.1-99.9%)	100 (0-400)	100
Aleta Chuko Town	0 (0-100)	0.2% (0.0-0.6%)	0.1 (0.0-0.3)	0 (0-0)	78.8% (16.7-99.9%)	0 (0-0)	0
Aleta Wondo	100 (0-400)	0.1% (0.0-0.3%)	0.0 (0.0-0.1)	0 (0-20)	79.4% (21.6-99.9%)	100 (0-400)	100
Aleta Wondo Town	200 (100-500)	0.6% (0.2-1.7%)	0.2 (0.1-0.7)	10 (0-20)	79.4% (18.9-99.9%)	200 (0-500)	200
Arbegona	100 (0-300)	0.1% (0.0-0.4%)	0.0 (0.0-0.2)	0 (0-10)	81.4% (23.4-99.9%)	100 (0-200)	100
Aroresa	100 (0-200)	0.1% (0.0-0.4%)	0.0 (0.0-0.2)	0 (0-10)	81.5% (20.3-99.9%)	100 (0-200)	100
Awasa Zuria	100 (0-200)	0.1% (0.0-0.2%)	0.0 (0.0-0.1)	0 (0-10)	80.1% (21.8-99.9%)	100 (0-200)	100
Bensa	100 (0-300)	0.1% (0.0-0.3%)	0.0 (0.0-0.1)	0 (0-10)	79.2% (19.3-99.9%)	100 (0-200)	100
Bilate Zuria	100 (0-300)	0.1% (0.0-0.4%)	0.0 (0.0-0.2)	0 (0-10)	80.4% (21.1-99.9%)	100 (0-300)	100
Bona Zuria	100 (0-300)	0.1% (0.0-0.2%)	0.0 (0.0-0.1)	0 (0-10)	79.2% (20.3-99.9%)	100 (0-200)	100
Boricha	200 (0-500)	0.2% (0.1-0.7%)	0.1 (0.0-0.3)	0 (0-20)	82.8% (27.7-99.9%)	100 (0-400)	100
Bura	200 (0-800)	0.2% (0.0-0.9%)	0.1 (0.0-0.3)	10 (0-30)	80.0% (24.2-99.9%)	200 (0-700)	200
Bursa	100 (0-300)	0.2% (0.0-0.6%)	0.1 (0.0-0.3)	0 (0-10)	81.0% (23.3-99.9%)	100 (0-200)	100
Chabe Gambeltu	100 (0-300)	0.2% (0.0-0.6%)	0.1 (0.0-0.2)	0 (0-10)	79.4% (19.8-99.9%)	100 (0-200)	100

Chere	0 (0-100)	0.1% (0.0-0.2%)	0.0 (0.0-0.1)	0 (0-0)	79.4% (18.5-99.9%)	0 (0-100)	0
Chirone	100 (0-200)	0.1% (0.0-0.4%)	0.0 (0.0-0.2)	0 (0-10)	79.5% (21.2-99.9%)	0 (0-200)	0
Daela	100 (0-300)	0.2% (0.0-0.6%)	0.1 (0.0-0.2)	0 (0-10)	80.4% (20.0-99.9%)	100 (0-200)	100
Dale	200 (0-500)	0.1% (0.0-0.3%)	0.0 (0.0-0.1)	0 (0-20)	80.1% (21.7-99.9%)	100 (0-400)	100
Dara	200 (0-700)	0.3% (0.1-1.0%)	0.1 (0.0-0.4)	10 (0-20)	83.4% (26.4-99.9%)	200 (0-600)	200
Dara Otilcho	100 (0-400)	0.2% (0.0-0.7%)	0.1 (0.0-0.3)	0 (0-20)	78.9% (18.5-99.9%)	100 (0-300)	100
Darara	100 (0-300)	0.1% (0.0-0.5%)	0.1 (0.0-0.2)	0 (0-10)	79.5% (21.4-99.9%)	100 (0-300)	100
Daya Town	100 (0-200)	0.3% (0.1-0.7%)	0.1 (0.0-0.3)	0 (0-10)	78.6% (18.9-99.9%)	0 (0-100)	0
Goreche	0 (0-100)	0.1% (0.0-0.3%)	0.0 (0.0-0.1)	0 (0-0)	81.1% (22.8-99.9%)	0 (0-100)	0
Hawassa Town	5,900 (1,800-14,300)	1.6% (0.5-3.9%)	0.6 (0.2-1.8)	180 (50-540)	78.0% (16.2-99.9%)	4,600 (900-11,800)	4,600
Hawella	100 (0-300)	0.2% (0.0-0.7%)	0.1 (0.0-0.3)	0 (0-10)	81.0% (21.5-99.9%)	100 (0-200)	100
Hoko	0 (0-200)	0.1% (0.0-0.4%)	0.0 (0.0-0.2)	0 (0-10)	81.0% (20.8-99.9%)	0 (0-200)	0
Hula	200 (0-500)	0.3% (0.1-0.8%)	0.1 (0.0-0.3)	10 (0-20)	81.1% (22.4-99.9%)	100 (0-400)	100
Leku Town	100 (0-300)	0.3% (0.0-1.3%)	0.1 (0.0-0.5)	0 (0-10)	81.6% (24.4-99.9%)	0 (0-200)	0
Loko Abeya	200 (100-700)	0.3% (0.1-0.9%)	0.1 (0.0-0.4)	10 (0-20)	82.8% (27.4-99.9%)	200 (0-600)	200

Malga	100 (0-300)	0.1% (0.0-0.3%)	0.0 (0.0-0.1)	0 (0-10)	81.2% (23.0-99.9%)	100 (0-200)	100
Shafamo	100 (0-200)	0.1% (0.0-0.4%)	0.0 (0.0-0.2)	0 (0-10)	81.0% (22.1-99.9%)	100 (0-200)	100
Shebedino	100 (0-600)	0.1% (0.0-0.3%)	0.0 (0.0-0.1)	0 (0-20)	77.7% (17.2-99.9%)	100 (0-500)	100
Teticha	100 (0-200)	0.2% (0.0-0.5%)	0.1 (0.0-0.2)	0 (0-10)	80.4% (20.8-99.9%)	100 (0-200)	100
Wensho	100 (0-400)	0.1% (0.0-0.5%)	0.1 (0.0-0.2)	0 (0-10)	80.8% (22.1-99.9%)	100 (0-400)	100
Wondo Genet	600 (100-1,700)	0.5% (0.1-1.5%)	0.2 (0.0-0.6)	20 (0-60)	79.3% (20.8-99.9%)	500 (100-1,400)	500
Wondo Genet Town	300 (100-800)	0.7% (0.2-1.8%)	0.3 (0.1-0.8)	10 (0-30)	80.3% (19.0-99.9%)	200 (0-600)	200
Yirga Alem Town	400 (100-1,100)	0.8% (0.2-2.0%)	0.3 (0.1-0.8)	10 (0-40)	80.4% (21.4-99.9%)	400 (100-1,000)	400