Supplement 1

List of Countries Currently Facing Different Humanitarian Crises and their Characteristics

WHO Region	Name of Country	Number of Lists 1-8	Type of Crisis 1-10	Humanitarian Access Constraints 0-5	Length of Crisis 1-10 (years)	Population in Need 1-10 (%)	Total 100
	Weight	20	20	20	20	20	
	Weight Description	Each list is a weight of 1.5	 Armed conflict Plane/train crash Geophysical Hydrological Climatological Meteorological Meteorological Food insecurity Displaced population socioeconomic conflict 	1. No constraints=0 2. Low access constraints=4 3.Moderate access constraints=8 4.High access constraints=12 5. Very high access constraints=16 6. Extreme constraints=20	1. 1-9=2 2. 10-19=4 3. 20-29=6 4. 30-39=8 5. 40-49=10 6. 50-59=12 7. 60-69=14 8. 70-79=16 9. 80-89=18 10. 90-99=20	11. 1-9=2 12. 10-19=4 13. 20-29=6 14. 30-39=8 15. 40-49=10 16. 50-59=12 17. 60-69=14 18. 70-79=16 19. 80-89=18 20. 90-99=20	
Eastern Mediterranean Region	1. Yemen	17.5	8	20	2	18	65.5
Eastern Mediterranean Region	2. Syria	15	4	20	2	14	55
Eastern Mediterranean Region	3. Palestine	2.5	8	16	16	10	52.5
African Region	4. South Sudan	10	10	16	2	14	52
Eastern Mediterranean Region	5. Somalia	10	10	16	6	10	52
African Region	6. Democratic Republic of Congo	15	10	16	6	4	51
African Region	7. Central African Republic (CAR)	12.5	6	16	2	12	48.5

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WHO Region	Name of Country	Number of Lists 1-8	Type of Crisis 1-10	Humanitarian Access Constraints 0-5	Length of Crisis 1-10 (years)	Population in Need 1-10 (%)	Total 100
Eastern Mediterranean Region	8. Afghanistan	12.5	8	16	4	6	46.5
South-East Asia Region	9. Democratic People's Republic of Korea	5	6	16	8	10	45
Region of the Americans	10. Venezuela	15	8	16	2	4	45
African Region	11. Chad	7.5	12	12	4	8	43.5
Eastern Mediterranean Region	12. Sudan	10	8	16	2	6	42
African Region	13. Ethiopia	12.5	12	12	2	2	40.5
African Region	14. Cameroon	10	6	16	2	4	38
African Region	15. Nigeria	10	8	16	2	2	38
Eastern Mediterranean Region	16. Iraq	12.5	4	12	4	4	36.5
Eastern Mediterranean Region	17. Libya	10	4	16	2	4	36
African Region	18. Niger	7.5	10	12	2	4	35.5
African Region	19. Mali	5	6	16	2	4	33
African Region	20. Burundi	10	4	12	2	4	32
Eastern Mediterranean Region	21. Pakistan	5	8	12	4	2	31
South-East Asia Region	22. Myanmar/ Burma	5	6	16	2	2	31
African Region	23. Eritrea	2.5	6	20	2	0	30.5
African Region	24. Burkina Faso	10	6	8	2	4	30
Region of the Americas	25. Haiti	2.5	6	8	2	10	28.5
South-East Asia Region	26. Bangladesh	2.5	10	12	2	2	28.5





WHO Region	Name of Country	Number of Lists 1-8	Type of Crisis 1-10	Humanitarian Access Constraints 0-5	Length of Crisis 1-10 (years)	Population in Need 1-10 (%)	Total 100
European Region	27. Ukraine	2.5	4	12	2	2	22.5
African Region	28. Kenya	2.5	8	4	2	2	18.5
African Region	29. Zambia	2.5	6	0	2	6	16.5
African Region	30. Madagascar	2.5	8	0	2	0	12.5

Supplement 2

Characteristics of Major Data Sources for each Included Country

Country	Data Source	Year Collected	Year Reported	Previous Years Survey Done Since 2000	Target Population Age Group	Adolescent Age groups stratified	Gender
Myanmar	Demographic Health Survey (DHS)	2015/2016	2017	not clear	men and women (15-49)	(15-19)	Both
Myanmar	Multiple Indicator Cluster Survey (MICS)	2009/2010	2011	2000	men and women (15-49)	(15-19)	women
Myanmar	Census	2014	2016	Not clear	men and women entire population	(10-14) (15- 19)	Both
Myanmar	Hospital Statistics	2014- 2016	2018	Not clear	men and women-entire population	(15-19)	Both
Myanmar	Micronutrient & Food Consumption Survey	2017/2018	2019	Not clear	men and women (0-49)	(10-14) (15- 19)	Both
Myanmar	Global School Health Survey (GSHS)	2016	2018	2008	men and women (13-17)	(13-15) (16- 17) (13-17)	Both
Myanmar	Global Youth Tobacco Survey (GYTS)	2016	2016	2001, 2004, 2007, 2014	men and women (13-15)	(13-15)	Both
Myanmar	Fertility & Reproductive Health Survey	2007	2009	2001	women (15-49)	(15-19)	women
Nigeria	Multiple Indicator Cluster Survey (MICS)	2016/2017	2018	4 times	men and women (15-49)	(15-19)	Both
Nigeria	Demographic Health Survey (DHS)	2018	2019	5 times	men and women (15- 49), children (6-59) months	(15-19)	Both
Nigeria	Global Youth Tobacco Survey (GYTS)	2008	2008	Not clear	men and women (13-15)	(13-15)	Both
Nigeria	Malaria Indicator Survey	2010	2012	1 time	women (15-49)	(15-19)	Women
Nigeria	Drug Use in Nigeria	2017	2018	N/A*	men and women (15-64)	(15-19)	Both

Country	Data Source	Year Collected	Year Reported	Previous Years Survey Done Since 2000	Target Population Age Group	Adolescent Age groups stratified	Gender
Nigeria	National HIV & AIDs & Reproductive Health Survey	2012	2013	3 times	men and women (15-64)	(15-19)	Both
Nigeria	HIV Indicator & Impact Survey	2018	2018	N/A*	men and women (15-64)	(15-19)	Both
Nigeria	National Nutrition & Health Survey	2018	2018	2014, 2015	women (15-49)	(15-19)	women
Palestine	Multiple Indicator Clustey Survey (MICS)	2019/2020	2021	2000, 2010, 2014	women 15-49	(15-19) (15- 17) (18-19)	women
Palestine	Demographic Health Survey (DHS)	2004	2005	N/A*	women 15-49, 6-59 months	15-19	women
Palestine	Global Youth Tobacco Survey (GYTS)	2016	2017	2000, 2005, 2009	men and women (13-15)	(13-15)	Both
Palestine	Global School Health Survey (GSHS)	2010	2010	N/A*	men and women (13-15)	(13-15)	both
Palestine	Health Behavior in School Aged Children (HBSC)	2004	2016	N/A*	men and women (12-15)	(12-15)	Both
Palestine	Palestine Family Health Survey	2006	2007	N/A*	both entire population	(15-19)	both
Palestine	Labour Force Survey	2017	2018	N/A*	men and women (10 and older)	(10-14) (15- 17)	both
Palestine	Disabled Individual Survey	2011	2011	N/A*	men and women entire population	(10-17)	both
Palestine	Palestinian Youth Survey	2015	2016	N/A*	men and women (15-29)	(15-17)	both
Palestine	Violence Survey	2019	2019	N/A*	men and women (12-64)	(12-17)	Both
Palestine	Household Survey on Information and Communication Technology	2019	2020	2004, 2006, 2011, 2014	men and women entire population	(10-17)	Both
Ukraine	Multiple Indicator Cluster Survey (MICS)	2012	2013	2000, 2005	men and women (15-49)	(15-19)	Both

Country	Data Source	Year Collected	Year Reported	Previous Years Survey Done Since 2000	Target Population Age Group	Adolescent Age groups stratified	Gender
Ukraine	Demographic Health Survey (DHS)	2007	2008	Not clear	men and women (15-49)	(15-19)	Both
Ukraine	Global Youth Tobacco Survey (GYTS)	2017	2017	Not clear	men and women (13-15)	(13-15)	Both
Ukraine	Health Behavior in School Aged Children (HBSC)	2017/2018	2018	Not clear	men and women (11-13)	(11-13)	Both
Ukraine	HIV/AIDS & other STIs Indicators	2008	2010	N/A*	men and women (15-49)	(15-19)	Both
Yemen	Multiple Indicator Cluster Survey (MICS)	2006	2008	Not clear	women (15-49)	(15-19) (15- 17) (18-19)	women
Yemen	Demographic Health Survey (DHS)	2013	2015	Not clear	women (15-49)	(15-19)	women
Yemen	Global School Health Survey (GSHS)	2014	2014	Not clear	men and women (13-17)	(13-15) (16- 17) (13-17)	Both
Yemen	Global Youth Tobacco Survey (GYTS)	2014	2014	Not clear	men and women (13-15)	(13-15)	Both
Yemen	Census and Population Report	2004	2008	Not clear	men and women entire population	(10-15)	Both
Yemen	Labor Survey	2010	2014	Not clear	men and women (5-17)		Both

*N/A= not applicable

Supplement 3

Priority List of GAMA Indicators and Availability of Indicators in each of the Five Countries

Indicator Name	· Nigeria	Myanmar	Palestine	Ukraine	Yemen	
	Domain 1: Social, cultural,	economic, edu	cational, envir	onmental d	eterminants of I	nealth
1.	Proportion of total population that are adolescents (10–19 years), by age group (10–14, 15–19 years), and sex	Yes-partially missing by age groups	Yes-partially missing by age groups	Yes- partially missing by age groups	Yes-partially missing by age groups	Yes-partially missing by age groups
2.	Proportion of young people who have completed primary, lower secondary, and upper secondary school, by level, and sex	Yes	Yes	Yes	Yes	Yes
3.	Proportion of adolescents (10–19 years) who live below the national poverty line, by age group (10–14, 15–19 years), and sex	No	No	No	No	No
4.	Proportion of adolescents (10–19 years) who live below the international poverty line, by age group (10–-14, 15–19 years), and sex	No	No	No	No	No
5.	Proportion of adolescents (10–19 years) who live with moderate or severe food insecurity, based on the Food Insecurity Experience Scale (FIES), by age group (10–14, 15–19 years), and sex	No	No	No	No	No
6.	Proportion of female adolescents (15–19 years) who make their own informed decisions regarding sexual relations, contraceptive use, and reproductive health care	Yes	Yes	Yes	Yes	Yes





Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
7.	Proportion of adolescents (10–19 years) not in education, employment, or training, by age group (10–14, 15–19 years), and sex	Yes	Yes	Yes	Yes	Yes
8.	Proportion of adolescents (10–19 years) at the end of primary and at the end of lower secondary achieving at least a minimum proficiency level in (1) reading and (2) mathematics, by age group (10–14, 15–19 years), and sex	Yes	Yes	Yes	Yes	Yes
	D	omain 2: Healt	h behaviors ar	nd risks		
9.	Prevalence of overweight and obesity among adolescents (10–19 years), by weight status (overweight, obese), age group (10–14, 15–19 years), and sex	Yes-partially missing by age groups	Yes-partially missing by age groups	Yes- partially missing by age groups	Yes-partially missing by age groups	Yes-partially missing by age groups
10.	Prevalence of thinness among adolescents (10–19 years), by age group (10–14, 15–19 years), and sex	Yes-partially missing by age groups	Yes-partially missing by age groups	Yes- partially missing by age groups	Yes-partially missing by age groups	Yes-partially missing by age groups
11.	Past 30 day prevalence of heavy episodic drinking among adolescents (10–19 years), by age group (10–-14, 15–19 years), and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	No	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)
12.	Past 30 day prevalence of psychoactive drug use among adolescents (10–19 years), by type of substances, age group (10–14, 15–19 years), and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	No	No	No





Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
13.	Past 30 day prevalence of tobacco use among adolescents (10–19 years), by type of tobacco used, age group (10–14, 15–19 years), and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	Yes- partially missing (10-14)	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)
14.	Proportion of adolescents (10–19 years) who consumed at least 5 servings of vegetables and fruits daily during the past 7 days, by age group (10–14, 15–19 years), and sex	Yes- partially missing (10- 14), males	No	No	No	No
15.	Proportion of adolescents (10–19 years) who accumulated an average of at least 60 minutes per day of moderate to vigorous- intensity physical activity during the past 7 days, by age group (10–14, 15–19 years), and sex	No	Yes- partially missing (10- 14)	Yes- partially missing (10-14)	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)
16.	Proportion of adolescents (10–19 years) involved in bullying within the past 12 months, by type of involvement (victim, perpetrator, both), type of bullying (in-person, digital/ cyber), age group (10–14, 15–19 years), and sex	No	Yes	Yes- partially missing (10-14)	Yes	Yes- partially missing (10- 14)
17.	Proportion of adolescents (15–19 years) who had their first sexual intercourse before 15 years of age, by sex	Yes	Yes	No	Yes	No
18.	Proportion of adolescents (10–19 years) who used a condom at last sexual intercourse, by age group (10–14, 15–19 years), and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	No	Yes- partially missing (10- 14)	No





Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
19.	Proportion of live births to female adolescents (10–19 years) attended by skilled health personnel, by age group (10–14, 15–19 years)	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	Yes- partially missing (10-14)	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)
20.	Proportion of adolescents (10–19 years) who used a contraceptive (modern method) at last sexual intercourse, by method used, age group (10–14, 15–19 years), and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	Yes- partially missing (10-14)	Yes- partially missing (10- 14)	Yes-partially missing (10- 14), males
21.	Proportion of adolescents (10–19 years) who have their need for contraception satisfied with modern methods, by age group (10–14, 15–19 years), and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	Yes- partially missing (10-14), males	Yes- partially missing (10- 14)	Yes-partially missing (10- 14), males
22.	Past 30 day prevalence of alcohol use among adolescents (10–19 years), by age group (10–14, 15–19 years), and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	No	Yes- partially missing (10- 14)	No
23.	Proportion of adolescents (10–19 years) who drank sugar-sweetened beverages one or more times per day during the past 7 days, by age group (10–14, 15–19 years), and sex	No	No	No	No	No
24.	Proportion of female adolescents (10–19 years) who were aware of menstruation before menarche, by age group (10–14, 15–19 years)	No	No	No	No	No



Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
25.	Past 30 day prevalence of electronic cigarette use among adolescents (10–19 years), by age group (10–14, 15–19 years), and sex	No	No	No	Yes- partially missing (10- 12), (16-19)	Yes- partially missing (10- 12), (16-19)
		ain 3: Policies	, Programmes			
26.	Existence of an operational adolescent (10–19 years) health programme with coverage at the national level	Yes	Yes	No	No	Yes
27.	Existence of national standards for delivery of health services to adolescents (10–19 years)	Yes	Yes	No	No	No
28.	Existence of national policy exempting adolescents (10–19 years) from user fees for specified health services in the public sector, by type of service	Yes	Yes	No	No	Yes
29.	Absence of legal age limit for married and unmarried adolescents (10–19 years) to provide consent, without spousal/parental/legal guardian consent, for specified adolescent health services, by marital status, and type of service	No	Yes	No	No	Yes
	Domain 4	4: Systems pe	rformance and	d interventio	ons	
30.	Proportion of adolescents (10–19 years) who made a visit to a health facility to receive a health service during the past 12 months, by age group (10–14, 15–19 years) and sex	No	No	No	No	No





Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
31.	Proportion of 15-year- old adolescents covered by human papilloma virus (HPV) vaccine (last dose in schedule), by sex	No	No	No	No	No
32.	Existence of age- and sex-disaggregated health data for adolescents (10–19 years) in the national health information system	No	No	No	No	No
33.	Proportion of schools that offer comprehensive school health services	No	No	No	No	No
34.	Proportion of schools that offer life skills- based HIV and sexuality education during the previous academic year	No	No	No	No	No
		Domain 5: Su	bjective well-b	eing		
35.	Proportion of adolescents (10–19 years) with someone to talk to when they have a worry or problem, by age group (10–14, 15–19 years) and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	Yes- partially missing (10-14)	Yes- partially missing (10- 14)	No
36.	Proportion of adolescents (10–19 years) with a positive connection with their parent or guardian, by age group (10–14, 15–19 years) and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	Yes- partially missing (10-14)	Yes- partially missing (10- 14)	No
	Dom	nain 6: Health o	utcomes and o	conditions		
37.	Adolescent (10–19 years) mortality rate, by age group (10–14, 15–19 years) and sex	Yes-partially missing by age groups	Yes-partially missing by age groups	No	Yes-partially missing by age groups	Yes-partially missing by age groups
38.	Adolescent (10–19 years) mortality rate, by specified causes of death, age group (10–14, 15–19 years) and sex	Yes	Yes	No	Yes	Yes





Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
39.	Number of new cases of HIV infections among adolescents (10–19 years) per 1,000 uninfected adolescent population, by age group (10–14, 15–19 years) and sex	Yes-partially missing by age groups, sex	Yes-partially missing by age groups, sex	No	Yes-partially missing by age groups, sex	Yes-partially missing by age groups, sex
40.	Number of new cases of sexually transmitted infections (STIs) among adolescents (10–19 years), by age group (10–14, 15–19 years) and sex	Yes-partially missing (10- 14)	Yes-partially missing (10- 14)	No	Yes-partially missing (10- 14)	Yes-partially missing (10- 14), males
41.	Proportion of adolescents (10–19 years) who report a suicide attempt during the past 12 months, by age group (10–14, 15–19 years) and sex	No	No	No	No	No
42.	Proportion of adolescents (10–19 years) who report symptoms of depression and/or anxiety, by age group (10–14, 15–19 years) and sex	No	Yes- partially missing (10- 14)	No	Yes- partially missing (10- 14)	No
43.	Proportion of adolescents (10–19 years) with symptoms of anxiety or depression who report contact with a health professional or counsellor for their mental health symptoms, by age group (10–14, 15–19 years) and sex	No	No	No	No	No





Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
44.	Number of new cases of specified types of injuries among adolescents (10–19 years) per 100,000 population, type of injury, age group (10–14, 15–19 years) and sex	No	No	No	No	No
45.	Proportion of adolescents (10–19 years) who experienced physical violence during the past 12 months, by perpetrator (parents/ caregivers, teachers, other adults, intimate partners, peers), age group (10–14, 15–19 years) and sex	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)	Yes- partially missing (10-14)	Yes- partially missing (10- 14)	Yes- partially missing (10- 14)
46.	Proportion of adolescents (10–19 years) who experienced contact sexual violence during the past 12 months, by perpetrator (parents/caregivers, teachers, other adults, intimate partners, peers), age group (10–14, 15–19 years) and sex	Yes-partially missing (10- 14)	Yes-partially missing (10- 14)	Yes- partially missing (10-14)	Yes-partially missing (10- 14)	Yes-partially missing (10- 14), males
47.	Proportion of young women and men (18–29 years) who experienced sexual violence by age 18, by perpetrator (parents/caregivers, teachers, intimate partners, peers), age at victimization (<10, 10–14, 15–18 years) and sex	Yes-partially missing (10- 14)	Yes-partially missing (10- 14)	Yes- partially missing (10-14)	Yes-partially missing (10- 14)	Yes-partially missing (10- 14), males
48.	Adolescent (10–19 years) birth rate, by age group (10–14, 15–19 years)	Yes-partially missing (10- 14)	Yes-partially missing (10- 14)	Yes- partially missing (10-14)	Yes-partially missing (10- 14)	Yes-partially missing (10- 14)





Indicator Name	Nigeria	Myanmar	Palestine	Ukraine	Yemen	
49.	Proportion of adolescents (10–19 years) perpetrating physical violence during the past 12 months, by age group (10–14, 15–19 years) and sex	No	No	No	No	No
50.	Proportion of adolescents (10–19 years) who report suicidal thoughts during the past 2 weeks, by age group (10–14, 15–19 years) and sex	No	No	No	No	No
51.	Proportion of female adolescents (10–19 years) who have undergone female genital mutilation/ cutting, by age group (10–14, 15–19 years)	Yes-partially missing (10- 14)	No	No	No	Yes-partially missing (10- 14)
52.	Prevalence of anemia among adolescents (10–19 years), by age group (10–14, 15–19 years) and sex	Yes-partially missing (10- 14), males	Yes-partially missing (10- 14), males	No	No	Yes-partially missing (10- 14), males

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