

**Supplemental File 1. Median (IQR) of the mean hemoglobin concentration and prevalence of total and moderate + severe anemia in children 6-23 months of age, 24-59 months, and 6-59 months residing in 114 different UNHCR refugee settings across 22 countries using the most recent survey for each setting, 2013-2016**

	<u>Children, 6-23 months</u>			<u>Children, 24-59 months</u>			<u>Children, 6-59 months</u>			
	Mean Hb (g/dL), Survey Median (IQR)	Prevalence of total anemia <sup>a</sup> , Survey Median (IQR)	Prevalence of moderate + severe anemia <sup>b</sup> , Survey Median (IQR)	Mean Hb (g/dL), Survey Median (IQR)	Prevalence of total anemia <sup>a</sup> , Survey Median (IQR)	Prevalence of moderate + severe anemia <sup>b</sup> , Survey Median (IQR)	Mean Hb (g/dL), Survey Median (IQR)	Prevalence of total anemia <sup>a</sup> , Survey Median (IQR)	Prevalence of moderate + severe anemia <sup>b</sup> , Survey Median (IQR)	Percent of surveys with severe public health problem <sup>c</sup>
<b>By Setting<sup>d</sup></b>										
<b>Total</b>	10.7 (10.4-11.0)	55.9 (48.0-64.9)	27.2 (19.6-36.1)	11.3 (10.9-11.6)	36.8 (26.1-47.9)	15.8 (8.4-22.6)	11.0 (10.7-11.3)	43.7 (34.8-53.2)	18.9 (12.8-26.1)	61.4
<b>Region</b>										
Eastern and Southern Africa	10.8 (10.4-11.0)	52.1 (47.5-62.2)	25.7 (20.4-31.4)	11.3 (11.0-11.6)	37.1 (25.8-45.3)	14.7 (8.4-19.1)	11.1 (10.8-11.3)	42.4 (35.9-49.6)	18.8 (13.7-23.6)	61.0
Ethiopia	10.7 (10.3-11.1)	55.9 (41.6-66.4)	31.3 (18.4-36.2)	11.5 (11.1-12.1)	29.0 (20.7-39.6)	12.0 (5.0-16.6)	11.3 (10.9-11.7)	37.5 (30.1-49.6)	17.6 (10.2-23.0)	47.6
West and Central Africa	10.3 (9.9-10.5)	66.5 (60.0-74.6)	37.5 (30.8-46.7)	10.8 (10.5-11.0)	49.9 (43.8-60.0)	24.8 (21.3-32.2)	10.6 (10.3-10.8)	55.5 (49.4-65.1)	29.2 (25.0-37.7)	95.0
Chad	10.8 (10.6-10.9)	53.9 (48.3-60.0)	22.7 (17.1-27.7)	11.4 (11.0-11.5)	32.6 (28.6-44.0)	13.0 (8.7-19.0)	11.1 (10.9-11.3)	39.6 (34.9-47.8)	16.2 (12.2-21.9)	47.4
Middle East and North Africa	10.7 (10.5-10.9)	56.0 (47.6-63.1)	22.8 (18.6-28.2)	11.3 (11.2-11.5)	36.0 (31.7-38.7)	11.9 (7.5-15.9)	11.1 (11.0-11.2)	43.5 (38.2-45.0)	16.1 (12.7-20.8)	70.0
South Asia	11.2 (11.2-11.3)	42.9 (34.0-43.2)	6.1 (5.3-9.0)	12.0 (11.9-12.1)	13.0 (8.9-16.0)	0.5 (0.3-2.0)	11.7 (11.7-11.8)	21.9 (21.0-23.3)	2.5 (1.9-4.5)	0.0

Abbreviations: Hb, hemoglobin; IQR, interquartile range

<sup>a</sup>Total anemia defined as Hb <11 g/dL

<sup>b</sup>Moderate + severe anemia defined as Hb <10 g/dL

<sup>c</sup>Severe public health problem defined as prevalence of total anemia ≥40%

<sup>d</sup>Most recent value for each indicator across all surveys conducted in a given setting (refugee camp or non-camp site)

