

Condition	Group	Region				
		Overall (if mixed origins)	Africa	Middle East	Asia	Other
Anaemia	Mixed ages	17% (30/181) ⁽¹⁾ 7% (197/2826) ⁽²⁾ 16.4% (150/913) ⁽³⁾	27% (20/75) ⁽¹⁾ 12% (n=442) ⁽⁴⁾ 19% (45/235) ⁽⁵⁾ 11% (n=215) ⁽⁶⁾ 18% (203/1130) ⁽⁷⁾	6.6% (6/91) ⁽⁸⁾ 20% ⁽⁹⁾	10% (10/106) ⁽¹⁾ 9.2% (102/1113) ⁽¹⁰⁾	
	Children	15% (37/239) ⁽¹¹⁾ 25% (n=251) ⁽¹²⁾	18.1% (33/182) ⁽¹¹⁾ 20% (42/232), 39% (20/51) <5yrs ⁽¹³⁾ 30% (n=128) ⁽⁵⁾ 17% (24/130) ⁽¹⁴⁾	10% (2/20) ⁽¹¹⁾	5.4% (2/37) ⁽¹¹⁾ 11.7% (58/495) ⁽¹⁰⁾	
	Adults		17% (52/312) ⁽¹⁵⁾ 6.5% (3/124) ⁽¹⁶⁾	N/A	5.4% (11/204) ⁽¹⁶⁾ 7.1% (44/618) ⁽¹⁰⁾	
	Pregnancy	5.9% (160/2713) ⁽¹⁷⁾	7.2% (92/1279) ⁽¹⁸⁾	N/A	N/A	
Iron deficiency	Mixed ages		34% (65/189) ⁽⁴⁾ 20% (43/210) ⁽⁵⁾ 15% (166/1130) ⁽⁷⁾	N/A	13.1% (147/1125) ⁽¹⁰⁾	
	Children	17% (36/216) ⁽¹¹⁾ 33% (n=343) ⁽¹⁹⁾ 15% (n=92) ⁽¹²⁾	19.6% (33/168) ⁽¹¹⁾ 19% (45/232), 35% (18/51) of those aged <5yrs ⁽¹³⁾ 42% ⁽¹⁹⁾ 30% (n=128) ⁽⁵⁾ 17% (22/130) ⁽¹⁴⁾	0% (0/20) ⁽¹¹⁾ 50% ⁽¹⁹⁾	11% (3/28) ⁽¹¹⁾ 27% ⁽¹⁹⁾ 14.4% (72/497) ⁽¹⁰⁾	20% (the Americas) ⁽¹⁹⁾
	Adults		14.6% (22/151) ⁽¹⁵⁾	N/A	11.9% (75/628) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	
Low vitamin B12	Mixed ages	16.5% (151/916) ⁽³⁾	6.5% (19/294) ⁽³⁾	24.2% (67/277) ⁽³⁾ 18.4% (16/87) ⁽⁸⁾	19.0% (63/332) ⁽³⁾ 1.5% (12/812) ⁽¹⁰⁾	
	Children		N/A	N/A	1% (4/352) ⁽¹⁰⁾	
	Adults		N/A	N/A	1.7% (8/460) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	

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Low vitamin D	Mixed ages	17% (30/181) ⁽¹⁾	27% (20/75) ⁽¹⁾ 29% (65/225) with <37nmol/L ⁽⁵⁾ 87% (n=216) ⁽²⁰⁾ 86% (969/1130) with <78nmol/L, 7% (78/1130) with <27.5nmol/L ⁽⁷⁾	50% (45/90) with <50nmol/L, 22% with <30nmol/L ⁽⁸⁾	33.3% (375/1125) ⁽¹⁰⁾ 20% (21/104) ⁽¹⁾	
	Children	62% (132/215) ⁽¹¹⁾ 15% (41/?) ⁽¹⁹⁾ 59% (193/328) ⁽²¹⁾ 20% (n=140) ⁽¹²⁾	61% (97/159) ⁽¹¹⁾ 87% (202/232) with <50nmol/L, 44% (103/232) with <25nmol/L ⁽¹³⁾ 2% ⁽¹⁹⁾ 40% (n=128) with <37nmol/L ⁽⁵⁾ 76% ⁽²²⁾	66% (27/41) ⁽¹¹⁾ 20% ⁽¹⁹⁾	50% (5/10) ⁽¹¹⁾ 19% ⁽¹⁹⁾ 36% (180/495) ⁽¹⁰⁾	7% (the Americas) ⁽¹⁹⁾
	Adults		92% (107/116) with <50nmol/L, 53% (61/116) with <25nmol/L ⁽²³⁾ 73% (139/191) with <50nmol/L, 42% (81/191) with <25nmol/L ⁽¹⁵⁾ 87.8% (43/49) ⁽²⁴⁾ 99% (147/149) ⁽²⁵⁾	N/A	31.1% (195/627) ⁽¹⁰⁾	
	Pregnancy	32.2% (482/1497) with <75nmol/L ⁽¹⁷⁾	27.2% (125/459) with <75nmol/L ⁽¹⁸⁾ 80% (66/82) <22.5nmol/L ⁽²⁶⁾	N/A	N/A	
Low vitamin A	Mixed ages		0% (0/19) ⁽⁵⁾	N/A	1.1% (10/921) ⁽¹⁰⁾	
	Children		20% (46/232) ⁽¹³⁾ 38% (51/136) ⁽²²⁾	N/A	2% (8/406) ⁽¹⁰⁾	
	Adults		N/A	N/A	0.4% (2/515) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	

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LTBI (TST + unless specified)	Mixed ages	18% (32/176) ⁽¹⁾ 34.3% (995/2992) ⁽²⁾ 51.2% (1040/2033) ⁽²⁷⁾ 31.9% (146/458) ⁽²⁸⁾	20% (15/75) ⁽¹⁾ 25% (24/96) either Mantoux or IGRA ⁽⁵⁾ 53% (861/1626) ⁽²⁷⁾ 23% (256/1130) by IGRA, 11% (126/1130) indeterminate, 74% of these <17yrs ⁽⁷⁾ 33.5% (125/373) ⁽²⁸⁾	47% (97/207) ⁽²⁷⁾ 9.7% (682/7000) ⁽²⁹⁾	IGRA (+) in 21% (169/810) ⁽¹⁰⁾ 17% (17/101) ⁽¹⁾ 39% (57/146) ⁽²⁷⁾ 24.7% (21/85) ⁽²⁸⁾	46% (25/54) (Europe) ⁽²⁷⁾
	Children	32% (71/219) ⁽¹¹⁾ 17% ⁽¹⁹⁾ 25% (81/328) ⁽²¹⁾ 25% (of 98) ⁽¹²⁾	30.8% (52/169) ⁽¹¹⁾ 16% ⁽¹⁹⁾ 17% (38/225) ⁽³⁰⁾ 63% (44/70) ⁽²²⁾ 21% (n=69) ⁽³¹⁾ 7.2% (11/153) IGRA(+), 14.4% (22/153) indeterminate ⁽³²⁾	94% (14/15) ⁽¹¹⁾ 18% ⁽¹⁹⁾	14% (5/35) ⁽¹¹⁾ 24% ⁽¹⁹⁾ IGRA + 16.3% (33/208) ⁽¹⁰⁾	24% (the Americas) ⁽¹⁹⁾
	Adults		55.1% (152/276) ⁽¹⁵⁾ 17% (20/115) ⁽³³⁾	N/A	70.5% (105/149) ⁽³⁴⁾ 22.6% (136/602) ⁽¹⁰⁾	
	Pregnancy	0.4% (12/2713) ⁽¹⁷⁾	N/A	N/A	N/A	
TB disease	Mixed ages	0.6% (1/176) ⁽¹⁾ 2% ⁽²⁾ 0.2% (1/471) ⁽²⁸⁾	2 cases (of ?84) ⁽⁵⁾ 0.7% (8/1130) ⁽⁷⁾	0.16% (11/7000) ⁽²⁹⁾	0% (0/810) ⁽¹⁰⁾	
	Children	1.8% (4/219) ⁽¹¹⁾ 0% ⁽¹⁹⁾ 3.3% (11/328) ⁽²¹⁾ 5.1% (5/98) ⁽¹²⁾	N/A	N/A	0% (0/208) ⁽¹⁰⁾	
	Adults		18.5% (51/276) ⁽¹⁵⁾ 0.9% (1/115) ⁽³³⁾		2.0% (3/149) ⁽³⁴⁾ 0% (0/602) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	

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Hepatitis B	Mixed ages	21% (17/80) ⁽¹⁾ 4.7% (136/2923) ⁽²⁾ 5.4% (107/1974) ⁽²⁷⁾ 5.5% ⁽³⁵⁾ 9.0% (42/467) ⁽²⁸⁾	38% (12/32) ⁽¹⁾ 16% ⁽⁴⁾ 8% (15/184) ⁽⁵⁾ 6.5% (101/1547) ⁽²⁷⁾ 5% ⁽⁶⁾ 8% ⁽²⁰⁾ 17% ⁽³⁵⁾	0% (0/206) ⁽²⁷⁾ 2.5% (172/7000) ⁽²⁹⁾ 1.3% (36/2775) ⁽⁹⁾	9.7% (53/548) ⁽¹⁰⁾ 10% (5/48) ⁽¹⁾ 4.1% (6/146) ⁽²⁷⁾ 8% ⁽³⁵⁾	0% (0/52) (Europe) ⁽²⁷⁾
	Children	3.2% (7/218) ⁽¹¹⁾ 1% ⁽¹⁹⁾	4.3% (7/164) ⁽¹¹⁾ 2% (n=288) ⁽³⁰⁾ 3% (3/110) ⁽²²⁾ 5% ⁽²⁰⁾	0% (0/20) ⁽¹¹⁾	0% (0/34) ⁽¹¹⁾ 3% (n=68) ⁽³⁰⁾ 4.9% (12/243) ⁽¹⁰⁾	
	Adults		19% (32/167) ⁽¹⁵⁾ 6% (7/123) ⁽³³⁾	N/A	14.2% (20/141) ⁽³⁴⁾ 13.4% (41/305) ⁽¹⁰⁾	
	Pregnancy	4.1% (112/2713) ⁽¹⁷⁾	7.7% (99/1279) ⁽¹⁸⁾	N/A	N/A	
Hepatitis C	Mixed ages	3.5% (3/85) ⁽¹⁾ 2.3% (43/1926) ⁽²⁾	3% ⁽⁴⁾ 1.5% (1/68) ⁽⁵⁾ 2% ⁽²⁰⁾ 1.1% ⁽³⁵⁾	1% (68/7000) ⁽²⁹⁾ 0.7% (5/758) ⁽⁹⁾	1.9% (10/519) ⁽¹⁰⁾ 3.8% (5/133) (Burma) ⁽³⁵⁾	
	Children	0.6% ⁽¹⁹⁾	2.0% (n=384) ⁽³⁰⁾ <1% ⁽²⁰⁾	N/A	1.0% (n=108) ⁽³⁰⁾ 0% (0/214) ⁽¹⁰⁾	
	Adults		3.4% (8/233) ⁽¹⁵⁾	N/A	2.8% (4/145) ⁽³⁴⁾ 3.3% (10/305) ⁽¹⁰⁾	
	Pregnancy	0.9% (24/2713) ⁽¹⁷⁾	1.8% (23/1279) ⁽¹⁸⁾	N/A	N/A	
HIV	Mixed ages	0% (0/31) ⁽¹⁾ 2.0% (52/2823) ⁽²⁾ 0% ⁽³⁵⁾	3.9% (52/1349) ⁽²⁾ 2 cases (n=1665?) ⁽²⁷⁾ <1% ⁽⁶⁾ 0% ⁽²⁰⁾ 0% (0/1130) ⁽⁷⁾	0.03% (2/7000) ⁽²⁹⁾ 0% (0/247) ⁽⁹⁾	0% (0/541) ⁽¹⁰⁾ 1.6% (4/251) ⁽²⁾	
	Children	0% ⁽¹⁹⁾ 0% (0/159) ⁽¹²⁾			0% (0/236) ⁽¹⁰⁾	
	Adults		12% (26/215) ⁽¹⁵⁾ NB tertiary referral centre		0.9% (1/117) ⁽³⁴⁾ 0% (0/305) ⁽¹⁰⁾	
	Pregnancy	0.1% (3/2713) ⁽¹⁷⁾	0.2% (3/1279) ⁽¹⁸⁾			

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Syphilis	Mixed ages	1.7% (2/116) ⁽¹⁾ 4.0% (113/2847) ⁽²⁾ 5.0% (99/1986) ⁽²⁷⁾	1.1% (1/89) ⁽⁴⁾ 8.3% (4/48) ⁽⁵⁾ 5.9% (93/1577) ⁽²⁷⁾ 1% ⁽⁶⁾ 4% ⁽²⁰⁾	0.9% (2/211) ⁽²⁷⁾ 0.8% (17/2269) ⁽⁹⁾	0% ⁽¹⁰⁾ 1.4% (2/146) ⁽²⁷⁾	
	Children	0% (0/224) ⁽¹¹⁾ 0% ⁽¹⁹⁾ 0% (0/114) ⁽¹²⁾ 0% (0/404) ⁽³⁵⁾	0% (0/172) ⁽¹¹⁾ <1% ⁽²⁰⁾	0% (1/19) ⁽¹¹⁾	0% (0/33) ⁽¹¹⁾ 0% ⁽¹⁰⁾	
	Adults	3% (23/724) ⁽³⁵⁾	8.5% (26/305) ⁽¹⁵⁾	N/A	1.5% (2/137) ⁽³⁴⁾ 0% (0/541) ⁽¹⁰⁾	
	Pregnancy	2.5% (67/2713) ⁽¹⁷⁾	6.9% (88/1279) ⁽¹⁸⁾	N/A	N/A	
Chlamydia	Adults	2% ⁽³⁵⁾ 0.8% (21/2610) ⁽³⁶⁾	0% (0/58) ⁽¹⁵⁾ 6% ⁽³⁵⁾ 0.8% (11/1459) ⁽³⁶⁾	0.8% (1/216) ⁽³⁶⁾	0% (0/530) ⁽¹⁰⁾ 0% (0/99) ⁽³⁴⁾ 1.0% (9/874) ⁽³⁶⁾	
	Children				1.8% (2/109) 12-17 yrs ⁽¹⁰⁾	
Gonorrhoea	Adults	0% (0/644) ⁽³⁵⁾ 0% (0/2549) ⁽³⁶⁾	0% (0/58) ⁽¹⁵⁾ 0% (0/1459) ⁽³⁶⁾	0% (0/216) ⁽³⁶⁾	0% (0/649) ⁽¹⁰⁾ 0% (0/99) ⁽³⁴⁾ 0% (0/874) ⁽³⁶⁾	
<i>HPylori</i>	Mixed ages	50% (9/18) ⁽¹⁾				
	Children		82% (149/182) ⁽³²⁾	N/A	N/A	
	Adults		60% (35/58) ⁽¹⁵⁾	N/A	80% (33/41) ⁽³⁴⁾	
	Pregnancy	N/A	N/A	N/A	N/A	

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Malaria	Mixed ages	0.5% (1/183) ⁽¹⁾ 0.7% (8/1068) ⁽³⁵⁾ 6.2% (29/471) ⁽²⁸⁾	5% ⁽⁴⁾ 10.4% (9/86) ⁽⁵⁾ 6% (5/86) ⁽³⁷⁾ 8% (101/1245) ⁽²⁷⁾ 10% ⁽⁶⁾ 10% ⁽²⁰⁾ 3.9% (44/1130) ⁽⁷⁾	0% ⁽²⁷⁾ 0.5% ⁽²⁹⁾ 0% (0/90) ⁽⁸⁾ 0% (0/197) ⁽⁹⁾	0.9% (4/445) ⁽¹⁰⁾ 0% ⁽²⁷⁾	
	Children	5.9% (11/188) ⁽¹¹⁾ 16% (n=202) ⁽¹²⁾	7% (11/156) ⁽¹¹⁾ 9% (4/44) ⁽³⁷⁾ 4% (n=378) ⁽³⁰⁾ 15% ⁽²⁰⁾ 8.7% (16/182) ⁽³²⁾ 9.5% (32/336) ⁽³⁸⁾	0% (0/12) ⁽¹¹⁾	0% (0/20) ⁽¹¹⁾ 1% (n=108) ⁽³⁰⁾ 1.5% (3/207) ⁽¹⁰⁾	
	Adults		2.4% (1/42) ⁽³⁷⁾ 7% (7/100) ⁽¹⁵⁾ 3.5% (57/1609) ⁽³⁹⁾	N/A	0.7% (1/145) ⁽³⁴⁾ 0.4% (1/238) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	
Schistosomiasis	Mixed ages	21.9% (620/2825) ⁽²⁾ 4.8% (99/2068) ⁽²⁷⁾ 22.9% (108/471) ⁽²⁸⁾	14% (11/76) ⁽¹⁾ 24% (2.5% in urine/stool) ⁽⁴⁾ 12% (27/217) ⁽⁵⁾ 6.0% (98/1633) (in stool/urine) ⁽²⁷⁾ 37% (18.3% in urine/stool) ⁽⁶⁾ 38% ⁽²⁰⁾ 27.7% (298/1130) ⁽⁷⁾	0% (0/207) ⁽²⁷⁾ 1.3% (3/232) ⁽⁹⁾	7.0% (80/1136) ⁽¹⁰⁾ 18% (20/110) ⁽¹⁾ 0% (0/146) ⁽²⁷⁾	0% (0/56) (Europe) ⁽²⁷⁾
	Children	17.9% (37/207) ⁽¹¹⁾ 4% ⁽¹⁹⁾ 27% (n=242) ⁽¹²⁾	22.0% (37/168) ⁽¹¹⁾ 18% (n=389) ⁽³⁰⁾ 5% ⁽²²⁾ 30% ⁽²⁰⁾ 2% (3/?) ⁽¹⁴⁾	0% (0/17) ⁽¹¹⁾	0% (0/22) ⁽¹¹⁾ 0% (n=42) ⁽³⁰⁾ 4.6% (23/504) ⁽¹⁰⁾	
	Adults		41% (84/206) (6.7% in stool/urine) ⁽¹⁵⁾ 11% (14/124) ⁽¹⁶⁾	N/A	5.4% (8/147) ⁽³⁴⁾ 9% (57/632) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	

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Strongyloides	Mixed ages	5.7% (9/158) ⁽¹⁾ 1.5% (32/2068) ⁽²⁷⁾	33% (7/21) ⁽⁴⁾ 9.1% (6/66) ⁽⁵⁾ 2% (32/1633) (in stool/urine) ⁽²⁷⁾ 8% ⁽²⁰⁾	0% (0/207) ⁽²⁷⁾ 4.5% (125/2753) ⁽⁹⁾	20.8% (202/973) ⁽¹⁰⁾ 0% (0/146) ⁽²⁷⁾	0% (0/56) (Europe) ⁽²⁷⁾
	Children		2% (n=387) ⁽³⁰⁾ 0.8% (1/129) ⁽²²⁾ 3% ⁽²⁰⁾ 1% (1/?) ⁽¹⁴⁾	N/A	1% (n=108) ⁽³⁰⁾ 11.7% (51/436) ⁽¹⁰⁾	
	Adults		17.9% (32/179) ⁽¹⁵⁾ 2% (2/124) ⁽¹⁶⁾	N/A	26.0% (39/150) ⁽³⁴⁾ 36% (82/230) ⁽¹⁶⁾ 28.1% (151/537) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	
Pathogenic stool parasites	Mixed ages	15% (3/20) ⁽¹⁾ 12.1% (251/2068) with Giardia ⁽²⁷⁾	24% not including schistosomiasis, 11% with Giardia ⁽⁴⁾ 16% (30/193) ⁽⁵⁾ 13.2% (216/1633) with Giardia ⁽²⁷⁾ 39% ⁽⁶⁾ 33% ⁽²⁰⁾ 39.3% (444/1130) ⁽⁷⁾	11.2% (10/89) with Giardia ⁽⁶⁾ 4% (8/207) with Giardia ⁽²⁷⁾	17% (175/1027) ⁽¹⁰⁾ 16% (23/146) with Giardia ⁽²⁷⁾	5% (3/56) with Giardia (Europe) ⁽²⁷⁾
	Children	11%, 58% with Giardia ⁽¹⁹⁾	30% ⁽⁵⁾ 19.4% (6/31) with Giardia ⁽²²⁾ 41% ⁽²⁰⁾ 18% (24/133) ⁽¹⁴⁾ 42% (76/182) ⁽³²⁾	N/A	31.2% (122/390) ⁽¹⁰⁾	
	Adults		21% (31/145), 6.9% (10/145) with Giardia ⁽¹⁵⁾ 14.5% (17/117) ⁽¹⁶⁾	N/A	24.1% (33/137) ⁽³⁴⁾ 6.9% (14/204) ⁽¹⁶⁾ 9.7% (53/495) ⁽¹⁰⁾	
	Pregnancy	N/A	N/A	N/A	N/A	

Paxton, G & Singleton, G 2016, 'Immunisation', in NJ Chaves, G Paxton, BA Biggs, A Thambiran, M Smith, J Williams, J Gardiner & JS Davis (eds), Recommendations for comprehensive post-arrival health assessment for people from refugee-like backgrounds, 2nd edn, Australian Society for Infectious Diseases, Surry Hills, NSW, pp. 89-97.