

# Annex A: Selected Micronutrient Indicators by Country

COUNTRY	Proportion of pre-school age children with anaemia (Hb<110 g/L)	Proportion of pregnant women with anaemia (Hb<110 g/L)	Proportion of non-pregnant women with anaemia (Hb<120 g/L)	Proportion of pre-school age children with vitamin A deficiency (serum retinol <0.70 µmol/l)	Proportion of pregnant women with night blindness	Proportion of school-aged children with iodine deficiency (UI <100 µg/l (%))	Proportion of population at risk of inadequate intake of zinc	Proportion of households consuming adequately iodized salt (2000-2007) USI Rate (%)	Vitamin A supplementation coverage rate (6-59 months) 2007 Full coverage (%)	Type of Wheat Flour Fortification Program (M=Mandatory, V=Voluntary, P=Proposed)	Existence of national policy on zinc supplementation for diarrhoea (1=Enacted, 0=Not enacted)
Afghanistan	37.9	<b>61.0</b>	24.7	<b>64.5</b>	<b>12.5</b>	71.9	16.4	28	92	V	1
Albania	<b>31.0</b>	<b>34.0</b>	<b>21.1</b>	<b>18.6</b>	<b>3.2</b>	N/A	13.4	60	-	-	0
Algeria	<b>42.5</b>	<b>42.8</b>	<b>31.4</b>	<b>15.7</b>	<b>5.3</b>	77.7	6.6	61	-	-	0
Andorra	<b>12.0</b>	<b>15.5</b>	<b>16.2</b>	0*	0*	N/A	-	-	-	-	0
Angola	29.7	<b>57.1</b>	<b>52.3</b>	64.3	<b>10.9</b>	N/A	46.0	35	36	V	0
Antigua and Barbuda	49.4	<b>29.5</b>	<b>26.5</b>	7.4	<b>3.9</b>	N/A	10.0	-	-	-	0
Argentina	<b>18.1</b>	<b>25.4</b>	<b>18.0</b>	14.3	<b>3.2</b>	N/A	3.2	90	-	M	0
Armenia	23.9	12.0	12.4	0.6	3.2	6.3	49.4	97	-	P	0
Australia	<b>8.0</b>	<b>12.4</b>	<b>14.7</b>	0*	0*	46.3	5.1	-	-	M	0
Austria	<b>10.5</b>	<b>15.5</b>	<b>14.8</b>	0*	0*	49.4	8.4	-	-	-	0
Azerbaijan	31.8	38.4	40.2	<b>32.1</b>	<b>3.3</b>	74.4	47.5	54	95	V	0
Bahamas	<b>21.9</b>	<b>23.3</b>	<b>22.7</b>	0*	0*	N/A	10.4	-	-	-	0
Bahrain	<b>24.7</b>	<b>27.7</b>	51.3	0*	0*	16.2	-	-	-	M	0
Bangladesh	47.0	47.0	33.2	21.7	6.5	42.5	50.4	84	94	V	1
Barbados	<b>17.1</b>	<b>23.0</b>	<b>17.2</b>	<b>6.5</b>	<b>3.2</b>	N/A	13.3	-	-	M	0
Belarus	<b>27.4</b>	<b>25.8</b>	<b>19.4</b>	<b>17.4</b>	<b>2.6</b>	80.9	5.8	55	-	P	0
Belgium	<b>8.7</b>	<b>12.9</b>	<b>13.5</b>	0*	0*	66.9	10.9	-	-	-	0
Belize	<b>35.9</b>	51.7	<b>31.2</b>	<b>11.7</b>	<b>4.6</b>	26.7	22.2	90	-	M	0
Benin	81.9	72.7	63.2	70.7	9.9	8.3	16.5	55	73	V	1
Bhutan	80.6	<b>49.6</b>	54.8	22.0	<b>6.8</b>	13.5	4.1	96	48	P	0
Bolivia (Plurinational State of)	51.6	37.0	32.9	<b>21.8</b>	14.1	19.0	22.6	90	-	M	1
Bosnia and Herzegovina	<b>26.8</b>	<b>34.8</b>	<b>21.3</b>	<b>13.2</b>	<b>4.5</b>	22.2	30.4	62	-	-	0
Botswana	38.0	<b>21.3</b>	32.7	<b>26.1</b>	<b>4.3</b>	15.3	17.1	66	-	-	1
Brazil	54.9	<b>29.1</b>	<b>23.1</b>	<b>13.3</b>	3.5	0.0	20.3	88	-	M	0
Brunei Darussalam	<b>24.2</b>	38.9	20.4	0*	0*	N/A	12.8	-	-	-	0
Bulgaria	<b>26.7</b>	<b>29.7</b>	<b>17.7</b>	<b>18.3</b>	<b>2.8</b>	6.9	18.6	100	-	P	0
Burkina Faso	91.5	68.3	52.0	<b>54.3</b>	13.0	47.5	13.3	34	73	P	1
Burundi	56.0	47.1	28.0	27.9	<b>8.0</b>	60.5	46.5	98	83	-	0
Cambodia	63.4	66.4	57.3	22.3	8.0	N/A	43.6	73	76	V	1
Cameroon	68.3	50.9	44.3	38.8	6.0	91.7	27.7	49	-	-	1
Canada	<b>7.6</b>	<b>11.5</b>	<b>14.3</b>	0*	0*	N/A	13.3	-	-	M	0
Cape Verde	<b>39.7</b>	<b>41.3</b>	<b>32.5</b>	2.0	<b>6.7</b>	77.4	16.2	0	-	-	0
Central African Republic	84.2	54.8	49.8	68.2	<b>13.3</b>	79.5	22.7	62	78	-	0
Chad	<b>71.1</b>	<b>60.4</b>	<b>52.4</b>	<b>50.1</b>	2.7	29.4	21.1	56	54	-	1
Chile	<b>24.4</b>	<b>28.3</b>	4.8	<b>7.9</b>	<b>3.4</b>	0.2	12.5	100	-	M	0
China	20.0	28.9	19.9	9.3	<b>4.2</b>	15.7	14.1	94	-	V	0
Colombia	<b>27.7</b>	<b>31.1</b>	<b>23.6</b>	5.9	<b>4.1</b>	6.4	27.4	92	-	M	0
Comoros	<b>65.4</b>	<b>55.0</b>	<b>47.8</b>	<b>21.5</b>	<b>9.4</b>	N/A	49.9	82	0	-	0
Congo	<b>66.4</b>	<b>55.3</b>	<b>52.8</b>	<b>24.6</b>	8.0	N/A	42.9	82	79	-	1
Cook Islands	<b>24.7</b>	<b>27.2</b>	<b>18.2</b>	<b>10.4</b>	<b>2.8</b>	N/A	-	-	-	-	0
Costa Rica	20.9	27.9	18.9	8.8	<b>4.4</b>	8.9	29.0	92	-	M	0
Côte d'Ivoire	<b>69.0</b>	<b>55.1</b>	<b>47.4</b>	57.3	<b>10.3</b>	27.6	20.8	84	4	M	0
Croatia	<b>23.4</b>	<b>28.4</b>	<b>17.5</b>	<b>9.2</b>	<b>3.0</b>	28.8	37.0	90	-	-	0
Cuba	<b>26.7</b>	<b>39.1</b>	<b>19.5</b>	3.6	<b>3.0</b>	51.0	49.3	88	-	M	0
Cyprus	<b>18.6</b>	<b>25.2</b>	<b>19.6</b>	0*	0*	N/A	6.2	-	-	-	0
Czech Republic	<b>18.4</b>	<b>22.3</b>	<b>16.9</b>	<b>5.8</b>	<b>2.9</b>	47.7	12.3	-	-	-	0
Democratic People's Republic of Korea	31.7	34.7	34.7	<b>27.5</b>	<b>5.3</b>	N/A	39.8	40	95	-	0
Democratic Republic of the Congo	70.6	67.3	52.8	61.1	<b>10.4</b>	10.1	57.5	79	79	V	1
Denmark	<b>9.0</b>	<b>12.4</b>	<b>14.3</b>	0*	0*	70.8	9.2	-	-	-	0
Djibouti	<b>65.8</b>	<b>56.2</b>	<b>46.4</b>	35.2	<b>9.1</b>	N/A	37.3	0	94	-	1

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Dominica	34.4	35.1	<b>23.7</b>	4.2	<b>3.6</b>	N/A	7.4	-	-	-	0
Dominican Republic	<b>34.6</b>	<b>39.9</b>	<b>27.1</b>	<b>13.7</b>	4.5	86.0	44.7	19	-	M	1
Ecuador	<b>37.9</b>	<b>37.8</b>	<b>29.2</b>	<b>14.7</b>	<b>3.7</b>	0.0	29.6	99	-	M	0
Egypt	29.9	45.4	27.6	11.9	<b>5.0</b>	31.2	8.6	78	87	M	1
El Salvador	18.4	10.5	26.8	<b>14.6</b>	<b>4.3</b>	4.6	41.7	62	13	M	1
Equatorial Guinea	<b>40.8</b>	<b>41.7</b>	<b>38.4</b>	<b>13.9</b>	<b>8.3</b>	N/A	-	33	-	-	1
Eritrea	<b>69.6</b>	<b>55.3</b>	<b>52.1</b>	<b>21.4</b>	11.6	25.3	32.4	68	50	P	1
Estonia	<b>23.4</b>	<b>22.7</b>	<b>17.7</b>	<b>8.7</b>	<b>2.6</b>	67.0	8.4	-	-	-	0
Ethiopia	<b>75.2</b>	<b>62.7</b>	<b>52.3</b>	46.1	22.1	68.4	21.7	20	86	-	1
Fiji	39.1	55.6	31.8	<b>13.6</b>	<b>3.8</b>	75.4	15.2	31	-	M	0
Finland	<b>11.5</b>	<b>15.0</b>	<b>15.3</b>	0*	0*	35.5	5.7	-	-	-	0
France	8.3	<b>11.5</b>	9.1	0*	0*	60.4	4.2	-	-	-	0
Gabon	<b>44.5</b>	<b>46.2</b>	<b>36.7</b>	<b>16.9</b>	10.5	38.3	18.6	36	0	-	1
Gambia	79.4	75.1	59.1	64.0	<b>7.9</b>	72.8	36.1	7	82	-	0
Georgia	<b>40.6</b>	<b>41.6</b>	<b>22.7</b>	<b>30.9</b>	<b>3.7</b>	80.0	47.3	87	-	V	0
Germany	<b>7.8</b>	<b>12.3</b>	<b>12.3</b>	0*	0*	27.0	12.5	-	-	-	0
Ghana	76.1	64.9	43.1	75.8	7.7	71.3	21.0	32	77	M	1
Greece	<b>12.1</b>	<b>18.6</b>	<b>14.6</b>	0*	0*	N/A	10.8	-	-	V	0
Grenada	<b>32.0</b>	<b>31.4</b>	<b>24.0</b>	<b>14.1</b>	<b>3.2</b>	N/A	15.2	-	-	M	0
Guatemala	38.1	22.1	20.2	15.8	<b>6.8</b>	14.4	48.3	40	29	M	1
Guinea	79.0	63.2	50.4	<b>45.8</b>	17.8	32.4	33.9	51	94	M	1
Guinea-Bissau	<b>74.9</b>	<b>57.7</b>	<b>52.9</b>	<b>54.7</b>	<b>11.3</b>	N/A	29.0	1	64	-	0
Guyana	47.9	52.0	53.9	4.1	<b>3.5</b>	26.9	31.9	-	-	M	0
Haiti	65.3	63.2	54.4	32.0	9.4	58.9	55.6	3	-	M	0
Honduras	29.9	32.4	14.7	13.8	4.8	31.3	44.3	80	-	M	1
Hungary	<b>18.8</b>	<b>20.7</b>	<b>16.6</b>	<b>7.0</b>	<b>2.7</b>	65.2	14.7	-	-	V	0
Iceland	<b>7.8</b>	<b>11.8</b>	<b>14.1</b>	0*	0*	37.7	3.1	-	-	-	0
India	74.3	49.7	52.0	62.0	12.1	31.3	25.9	51	33	V	1
Indonesia	<b>44.5</b>	<b>44.3</b>	<b>33.1</b>	<b>19.6</b>	1.7	16.3	34.4	73	87	M	1
Iran (Islamic Republic of)	<b>35.0</b>	40.5	33.0	0.5	<b>4.0</b>	19.7	6.7	99	-	M	0
Iraq	<b>55.9</b>	<b>38.2</b>	<b>45.3</b>	<b>29.8</b>	<b>7.0</b>	N/A	18.5	28	-	M	0
Ireland	<b>10.3</b>	<b>14.8</b>	<b>17.5</b>	0*	0*	60.8	5.2	-	-	P	0
Israel	<b>11.8</b>	<b>17.4</b>	<b>18.6</b>	0*	0*	N/A	12.2	-	-	V	0
Italy	<b>10.9</b>	<b>15.5</b>	<b>14.4</b>	0*	0*	55.7	9.1	-	-	-	0
Jamaica	48.2	40.7	<b>23.8</b>	29.4	<b>4.5</b>	N/A	22.6	100	-	M	1
Japan	<b>10.6</b>	<b>14.8</b>	21.3	0*	0*	N/A	23.5	-	-	-	0
Jordan	28.3	38.7	28.6	15.1	<b>4.4</b>	24.4	8.3	88	-	M	0
Kazakhstan	36.3	<b>26.0</b>	35.5	27.1	<b>2.6</b>	53.1	9.6	92	-	V	1
Kenya	69.0	55.1	46.4	84.4	<b>6.4</b>	36.8	32.9	91	15	V	1
Kiribati	<b>41.9</b>	<b>38.4</b>	<b>30.7</b>	<b>21.8</b>	<b>4.6</b>	N/A	33.7	-	-	P	0
Kuwait	32.4	<b>31.3</b>	28.7	0*	0*	31.4	4.2	-	-	M	0
Kyrgyzstan	49.8	<b>34.1</b>	38.0	<b>26.3</b>	<b>3.3</b>	88.1	13.8	76	95	M	0
Lao People's Democratic Republic	48.2	<b>56.4</b>	<b>46.1</b>	44.7	11.9	26.9	35.7	84	69	-	0
Latvia	<b>26.7</b>	<b>25.0</b>	<b>18.9</b>	<b>13.0</b>	<b>2.6</b>	76.8	10.7	-	-	-	0
Lebanon	28.3	<b>31.6</b>	25.2	<b>11.0</b>	<b>3.7</b>	55.5	8.0	92	-	-	0
Lesotho	48.6	25.4	27.3	<b>32.7</b>	4.4	21.5	31.2	91	38	V	1
Liberia	86.7	62.1	58.0	52.9	<b>13.3</b>	3.5	59.2	-	85	-	1
Libyan Arab Jamahiriya	<b>33.9</b>	<b>34.5</b>	<b>29.9</b>	<b>8.0</b>	<b>4.2</b>	N/A	5.2	90	-	P	0
Lithuania	<b>23.8</b>	<b>24.2</b>	<b>17.9</b>	<b>11.1</b>	<b>2.6</b>	62.0	8.9	-	-	-	0
Luxembourg	<b>9.4</b>	<b>10.3</b>	<b>18.8</b>	0*	0*	30.7	31.5	-	-	-	0

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Madagascar	68.3	50.1	45.6	42.1	7.5	N/A	32.9	75	95	-	1
Malawi	73.2	47.3	43.9	59.2	5.8	N/A	34.2	50	90	V	0
Malaysia	<b>32.4</b>	38.3	<b>30.1</b>	3.5	<b>4.4</b>	57.0	14.1	-	-	V	0
Maldives	81.5	55.4	49.6	9.4	4.6	43.1	13.7	44	62	-	0
Mali	82.8	73.4	61.0	<b>58.6</b>	19.1	68.3	11.1	79	89	P	1
Malta	<b>16.3</b>	<b>26.1</b>	<b>15.6</b>	<b>4.0</b>	<b>3.7</b>	N/A	10.6	-	-	-	0
Marshall Islands	<b>30.0</b>	<b>38.1</b>	<b>24.1</b>	60.7	<b>4.3</b>	N/A	-	-	39	-	0
Mauritania	<b>68.2</b>	<b>52.7</b>	<b>50.4</b>	<b>47.7</b>	<b>9.7</b>	69.8	14.0	2	89	-	0
Mauritius	16.8	37.5	14.0	9.2	<b>4.0</b>	4.4	29.5	0	-	-	0
Mexico	29.4	26.2	20.8	26.8	<b>3.8</b>	8.5	20.2	91	-	M	0
Micronesia (Federated States of)	18.7	<b>37.8</b>	<b>24.2</b>	54.2	<b>3.6</b>	N/A	-	-	-	-	0
Monaco	<b>5.0</b>	<b>6.3</b>	<b>13.3</b>	0*	0*	N/A	-	-	-	-	0
Mongolia	21.4	<b>37.3</b>	13.6	19.8	<b>3.4</b>	52.8	1.6	83	94	P	0
Montenegro	29.5	<b>33.6</b>	26.7	<b>17.2</b>	<b>3.3</b>	N/A	-	71	-	-	0
Morocco	31.5	37.2	32.6	40.4	2.2	63.0	7.6	21	-	M	0
Mozambique	74.7	<b>52.4</b>	48.2	68.8	5.3	68.1	60.5	54	42	P	1
Myanmar	<b>63.2</b>	<b>49.6</b>	44.9	<b>36.7</b>	1.1	22.3	34.6	60	93	-	1
Namibia	<b>40.5</b>	<b>30.6</b>	<b>35.0</b>	<b>17.5</b>	<b>6.2</b>	28.7	14.2	63	-	-	0
Nauru	<b>20.0</b>	<b>19.2</b>	<b>25.7</b>	<b>10.0</b>	<b>8.9</b>	N/A	-	-	-	-	0
Nepal	78.0	74.6	66.7	32.3	19.6	27.4	21.3	63	95	V	1
Netherlands	<b>8.7</b>	<b>12.5</b>	<b>14.2</b>	0*	0*	37.5	7.3	-	-	-	0
New Zealand	<b>11.3</b>	<b>17.6</b>	10.2	0*	0*	65.4	4.6	83	-	M	0
Nicaragua	17.0	32.9	9.0	3.1	5.1	0.0	49.7	97	-	M	1
Niger	<b>81.3</b>	<b>65.5</b>	<b>62.2</b>	<b>67.0</b>	17.1	0.0	9.4	46	95	P	1
Nigeria	76.1	66.7	62.0	29.5	7.7	40.4	12.8	97	55	M	1
Niue	<b>21.6</b>	<b>31.7</b>	<b>11.9</b>	<b>15.5</b>	3.0	N/A	-	-	-	-	0
Norway	<b>6.4</b>	<b>9.3</b>	<b>13.3</b>	0*	0*	N/A	8.0	-	-	-	0
Oman	50.5	42.7	34.0	5.5	<b>4.4</b>	49.8	-	61	-	M	0
Pakistan	50.9	39.1	27.9	12.5	7.8	63.6	11.1	17	95	V	1
Palau	<b>22.2</b>	<b>27.3</b>	<b>21.1</b>	<b>8.9</b>	<b>3.7</b>	N/A	-	-	-	-	0
Panama	36.0	36.4	40.3	9.4	<b>4.7</b>	8.6	33.0	95	-	M	0
Papua New Guinea	<b>59.8</b>	<b>55.2</b>	<b>43.1</b>	11.1	<b>10.3</b>	27.7	14.6	-	7	P	0
Paraguay	<b>30.2</b>	<b>39.3</b>	<b>26.2</b>	<b>14.1</b>	<b>4.5</b>	13.4	13.4	94	-	M	0
Peru	50.4	42.7	40.4	14.9	6.5	10.4	41.6	91	-	M	0
Philippines	36.3	43.9	42.1	40.1	7.9	23.8	31.9	45	83	M	1
Poland	<b>22.7</b>	<b>25.3</b>	<b>18.7</b>	<b>9.3</b>	<b>2.8</b>	64.0	9.5	-	-	V	0
Portugal	<b>12.7</b>	<b>17.3</b>	<b>15.0</b>	0*	0*	N/A	9.9	-	-	-	0
Qatar	26.2	<b>29.1</b>	<b>36.2</b>	0*	0*	30.0	-	-	-	M	0
Republic of Korea	16.5	<b>22.6</b>	14.0	0*	0*	N/A	19.4	-	-	-	0
Republic of Moldova	<b>40.6</b>	<b>36.5</b>	<b>23.4</b>	<b>25.6</b>	5.1	62.0	30.8	60	-	P	0
Romania	39.8	<b>30.0</b>	<b>20.1</b>	<b>16.3</b>	<b>3.0</b>	46.9	18.3	74	-	P	0
Russian Federation	<b>26.5</b>	<b>20.8</b>	<b>19.8</b>	<b>14.1</b>	<b>2.8</b>	56.2	11.7	35	-	P	0
Rwanda	41.9	10.6	<b>59.4</b>	6.4	7.9	0.0	39.8	88	76	-	1
Saint Kitts and Nevis	<b>22.9</b>	<b>25.6</b>	<b>20.8</b>	<b>7.1</b>	<b>2.9</b>	N/A	11.5	100	-	-	0
Saint Lucia	<b>32.2</b>	<b>33.4</b>	<b>25.0</b>	<b>11.3</b>	<b>3.7</b>	N/A	7.8	-	-	-	0
Saint Vincent and the Grenadines	<b>32.3</b>	<b>32.7</b>	<b>24.1</b>	2.1	<b>3.8</b>	N/A	20.7	-	-	M	0
Samoa	35.5	<b>33.4</b>	19.7	<b>16.1</b>	<b>3.3</b>	N/A	-	-	-	P	0
San Marino	<b>9.1</b>	<b>11.3</b>	<b>16.5</b>	0*	0*	N/A	-	-	-	-	0
Sao Tome and Principe	<b>36.7</b>	<b>40.4</b>	<b>26.2</b>	95.6	<b>5.0</b>	N/A	36.7	37	48	-	0
Saudi Arabia	<b>33.1</b>	<b>32.0</b>	<b>32.3</b>	<b>3.6</b>	<b>5.1</b>	23.0	9.4	-	-	M	0

COUNTRY	Proportion of pre-school age children with anaemia (Hb<110 g/L)	Proportion of pregnant women with anaemia (Hb<110 g/L)	Proportion of non-pregnant women with anaemia (Hb<120 g/L)	Proportion of pre-school age children with vitamin A deficiency (serum retinol <0.70 µmol/l)	Proportion of pregnant women with night blindness	Proportion of school-aged children with iodine deficiency (UI <100 µg/l (%))	Proportion of population at risk of inadequate intake of zinc	Proportion of households consuming adequately iodized salt (2000-2007) USI Rate (%)	Vitamin A supplementation coverage rate (6-59 months) 2007 Full coverage (%)	Type of Wheat Flour Fortification Program (M=Mandatory, V=Voluntary, P=Proposed)	Existence of national policy on zinc supplementation for diarrhoea (1=Enacted, 0=Not enacted)
Senegal	<b>70.1</b>	<b>57.6</b>	<b>48.4</b>	<b>37.0</b>	12.7	75.7	25.3	41	94	P	1
Serbia	29.5	<b>33.6</b>	26.7	<b>17.2</b>	<b>3.3</b>	20.8	-	73	-	-	0
Seychelles	<b>23.8</b>	<b>24.9</b>	<b>21.1</b>	<b>8.0</b>	<b>3.2</b>	N/A	18.8	-	-	-	0
Sierra Leone	<b>83.2</b>	<b>59.7</b>	<b>62.9</b>	<b>74.8</b>	<b>9.7</b>	N/A	56.7	45	86	-	1
Singapore	<b>18.9</b>	<b>23.8</b>	18.4	0*	0*	N/A	-	-	-	P	0
Slovakia	<b>23.4</b>	<b>25.2</b>	<b>19.4</b>	<b>8.3</b>	<b>2.9</b>	15.0	16.4	-	-	-	0
Slovenia	<b>14.0</b>	<b>18.9</b>	<b>15.1</b>	0*	0*	N/A	12.5	-	-	-	0
Solomon Islands	<b>51.7</b>	<b>51.1</b>	<b>39.2</b>	<b>13.1</b>	<b>6.6</b>	N/A	22.8	-	-	P	0
Somalia	N/A	N/A	N/A	<b>61.7</b>	<b>12.8</b>	N/A	17.1	1	4	-	0
South Africa	24.1	<b>21.8</b>	<b>26.4</b>	<b>16.9</b>	<b>4.5</b>	29.0	19.7	62	-	M	1
Spain	<b>12.9</b>	<b>17.6</b>	<b>16.3</b>	0*	0*	50.1	9.0	-	-	-	0
Sri Lanka	29.9	29.3	31.6	35.3	<b>3.5</b>	30.0	44.7	94	-	V	0
Sudan	84.6	<b>57.7</b>	<b>43.5</b>	<b>27.8</b>	<b>9.6</b>	62.0	10.8	11	90	V	1
Suriname	<b>25.7</b>	<b>32.4</b>	<b>20.4</b>	<b>18.0</b>	<b>4.8</b>	N/A	30.2	-	-	M	0
Swaziland	<b>46.7</b>	<b>24.3</b>	<b>36.5</b>	<b>44.6</b>	<b>4.1</b>	34.5	20.5	80	32	V	0
Sweden	<b>8.6</b>	<b>12.9</b>	<b>13.3</b>	0*	0*	N/A	11.3	-	-	-	0
Switzerland	<b>6.3</b>	9.7	<b>12.2</b>	0*	0*	24.0	7.6	-	-	-	0
Syrian Arab Republic	<b>41.0</b>	<b>39.3</b>	<b>33.4</b>	<b>12.1</b>	<b>4.6</b>	N/A	6.5	79	-	V	0
Tajikistan	37.7	<b>44.6</b>	41.2	26.8	<b>3.8</b>	N/A	66.8	46	92	V	1
Thailand	25.2	22.3	17.8	<b>15.7</b>	<b>3.7</b>	34.9	41.6	47	-	-	0
The former Yugoslav Republic of Macedonia	25.8	<b>31.8</b>	12.2	29.7	<b>3.3</b>	8.7	11.3	94	50	-	0
Timor-Leste	31.5	22.9	31.5	<b>45.8</b>	13.4	N/A	-	60	64	-	0
Togo	<b>52.4</b>	<b>50.2</b>	<b>38.4</b>	<b>35.0</b>	<b>9.5</b>	6.2	22.9	25	-	P	0
Tonga	<b>27.6</b>	<b>34.0</b>	<b>21.5</b>	<b>17.0</b>	<b>3.0</b>	N/A	-	-	-	-	0
Trinidad and Tobago	<b>30.4</b>	<b>29.7</b>	<b>24.3</b>	<b>7.2</b>	<b>3.7</b>	N/A	36.9	28	-	M	0
Tunisia	21.7	32.3	26.3	<b>14.6</b>	<b>4.5</b>	26.4	6.8	97	-	-	0
Turkey	32.6	<b>40.2</b>	<b>26.3</b>	<b>12.4</b>	<b>5.4</b>	60.9	22.2	64	-	P	0
Turkmenistan	35.8	<b>29.9</b>	47.3	<b>28.0</b>	<b>3.4</b>	18.7	24.2	87	-	P	1
Tuvalu	<b>34.2</b>	<b>33.1</b>	26.3	<b>21.8</b>	<b>3.6</b>	N/A	-	-	-	-	0
Uganda	64.1	41.2	28.7	27.9	8.3	3.9	23.8	96	-	V	1
Ukraine	22.2	<b>27.3</b>	9.2	<b>23.8</b>	<b>2.5</b>	70.1	15.8	18	-	V	0
United Arab Emirates	<b>27.7</b>	<b>27.9</b>	<b>43.9</b>	0*	0*	56.6	7.5	-	-	V	0
United Kingdom of Great Britain and Northern Ireland	8.0	<b>15.2</b>	8.8	0*	0*	N/A	8.6	-	93	M	0
United Republic of Tanzania	71.8	58.2	47.2	24.2	2.7	37.7	22.9	43	93	V	1
United States of America	3.1	5.7	6.9	0*	0*	15.9	9.1	-	-	M	0
Uruguay	<b>19.1</b>	<b>27.1</b>	<b>16.9</b>	<b>11.9</b>	<b>3.2</b>	N/A	4.0	-	-	M	0
Uzbekistan	38.1	53.8	64.8	53.1	<b>3.4</b>	39.8	24.4	53	84	V	1
Vanuatu	<b>59.0</b>	57.3	54.1	<b>16.1</b>	<b>11.8</b>	N/A	18.0	-	-	P	0
Venezuela (Bolivarian Republic of)	<b>33.1</b>	<b>39.6</b>	<b>28.3</b>	<b>9.4</b>	<b>4.7</b>	0.0	41.0	90	-	M	0
Viet Nam	34.1	32.2	24.3	12.0	<b>4.1</b>	84.0	27.8	93	95	V	0
Yemen	<b>68.3</b>	<b>58.1</b>	<b>51.0</b>	<b>27.0</b>	<b>9.8</b>	30.2	13.1	30	47	M	0
Zambia	52.9	46.9	29.1	54.1	5.7	72.0	38.0	77	95	V	1
Zimbabwe	19.3	18.8	34.3	35.8	4.6	14.8	43.4	91	83	V	1

## SOURCE

Values in bold italics are regression based estimates

\* Countries with a GDP ≥ US\$ 15,000 are assumed to be free of vitamin A deficiency of public health significance.

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FFI database

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