

TABLE 2. NUTRITION

Countries and territories	% of infants with low birthweight 2000–2007*	% of children (2000–2007*) who are:			% of under-fives (2000–2007*) suffering from:					Vitamin A supplementation coverage rate (6–59 months) 2007		% of households consuming iodized salt 2000–2007*
		exclusively breastfed (<6 months)	breastfed with complementary food (6–9 months)	still breastfeeding (20–23 months)	underweight [†] (WHO ref. pop.)	wasting [‡] (NCHS/WHO)		stunting [‡] (NCHS/WHO)		at least one dose [§] (%)	full coverage ^Δ (%)	
						moderate & severe	moderate & severe	severe	moderate & severe			
Afghanistan	–	–	29	54	33y	39y	12y	7y	54y	94	92	28
Albania	7	40	69	22	6	8	1	7	22	–	–	60
Algeria	6	7	39	22	3	4	1	3	11	–	–	61
Andorra	–	–	–	–	–	–	–	–	–	–	–	–
Angola	12	11	77	37	26	31	8	6	45	36	36	35
Antigua and Barbuda	5	–	–	–	–	–	–	–	–	–	–	–
Argentina	7	–	–	28	2y	4y	–	1y	4y	–	–	90x
Armenia	8	33	57	15	4	4	0	5	13	–	–	97
Australia	7	–	–	–	–	–	–	–	–	–	–	–
Austria	7	–	–	–	–	–	–	–	–	–	–	–
Azerbaijan	12	12	44	16	8	10	2	5	21	95	95w	54
Bahamas	7x	–	–	–	–	–	–	–	–	–	–	–
Bahrain	8x	34x	65x	41x	–	9x	2x	5x	10x	–	–	–
Bangladesh	22	37	52	89	41	46	–	16	36	95	94	84
Barbados	14	–	–	–	–	–	–	–	–	–	–	–
Belarus	4	9	38	4	1	1	0	1	3	–	–	55
Belgium	8x	–	–	–	–	–	–	–	–	–	–	–
Belize	8	10	–	27	–	6	1	1	18	–	–	90x
Benin	15	43	72	57	18	23	5	7	38	73	73	55
Bhutan	15x	–	–	–	14x	19x	3x	3x	40x	48	48	96
Bolivia	7	54	74	46	5	8	1	1	27	–	–	90
Bosnia and Herzegovina	5	18	29	10	1	2	0	3	7	–	–	62
Botswana	10	34	57	11	11	13	2	5	23	–	–	66
Brazil	8	–	30x	17x	4	5	–	–	–	–	–	88
Brunei Darussalam	10x	–	–	–	–	–	–	–	–	–	–	–
Bulgaria	10	–	–	–	–	–	–	–	–	–	–	100
Burkina Faso	16	7	50	85	32	37	14	23	35	95	73	34
Burundi	11	45	88	–	35	39	14	7	53	83	83	98
Cambodia	14	60	82	54	28	36	7	7	37	76	76	73
Cameroon	11	21	64	21	16	19	5	6	30	–	–	49
Canada	6	–	–	–	–	–	–	–	–	–	–	–
Cape Verde	13x	57x	64x	13x	–	–	–	–	–	–	–	0x
Central African Republic	13	23	55	47	24	29	8	10	38	78	78	62
Chad	22	2	77	65	–	37	14	14	41	54	54	56
Chile	6	85k	–	–	–	1y	–	0y	1y	–	–	100x
China	2	51	32	15	6	7	–	–	11	–	–	94
Colombia	9	47	65	32	5y	7y	1y	1y	12y	–	–	92x
Comoros	25	21	34	45	–	25	–	8	44	93	0	82
Congo	13	19	78	21	11	14	3	7	26	95	79	82
Cook Islands	3	19x	–	–	–	10x	–	–	–	–	–	–
Costa Rica	7	35x	47x	12x	–	5x	0x	2x	6x	–	–	92x
Côte d'Ivoire	17	4	54	37	16	20	4	7	34	63	4	84
Croatia	5	23x	–	–	–	1x	–	1x	1x	–	–	90x
Cuba	5	26	47	16	–	4	0	2	5	–	–	88
Cyprus	–	–	–	–	–	–	–	–	–	–	–	–
Czech Republic	7	–	–	–	–	–	–	–	–	–	–	–
Democratic People's Republic of Korea	7	65	31	37	18y	23y	8y	7y	37y	95	95	40
Democratic Republic of the Congo	12	36	82	64	28	31	9	13	38	79	79	72
Denmark	5	–	–	–	–	–	–	–	–	–	–	–
Djibouti	10	1	23	18	24	29	10	21	33	95	94	0
Dominica	9	–	–	–	–	–	–	–	–	–	–	–
Dominican Republic	11	4	36	15	–	5	1	1	7	–	–	19
Ecuador	16x	40	77	23	6	9	1	2	23	–	–	99x
Egypt	14	38	67	37	5	6	1	4	18	87	87w	78
El Salvador	7	24	76	43	6y	10y	1y	1y	19y	20	13	62
Equatorial Guinea	13	24	–	–	–	19	4	7	39	–	–	33
Eritrea	14	52	43	62	35	40	12	13	38	51	50	68
Estonia	4	–	–	–	–	–	–	–	–	–	–	–
Ethiopia	20	49	54	–	33	38	11	11	47	88	86	20

	% of infants with low birthweight 2000–2007*	% of children (2000–2007*) who are:			% of under-fives (2000–2007*) suffering from:						Vitamin A supplementation coverage rate (6–59 months) 2007		% of households consuming iodized salt 2000–2007*
		exclusively breastfed (< 6 months)	breastfed with complementary food (6–9 months)	still breastfeeding (20–23 months)	underweight [†] (WHO ref. pop.)	underweight [†] (NCHS/WHO)		wasting [‡] (NCHS/WHO)	stunting [‡] (NCHS/WHO)	at least one dose [§] (%)	full coverage ^Δ (%)		
						moderate & severe	moderate & severe					moderate & severe	
Fiji	10x	47x	–	–	–	–	–	–	–	–	–	–	31x
Finland	4	–	–	–	–	–	–	–	–	–	–	–	–
France	7x	–	–	–	–	–	–	–	–	–	–	–	–
Gabon	14	6	62	9	8	12	2	3	21	90	0	36	
Gambia	20	41	44	53	16	20	4	6	22	93	82	7	
Georgia	5	11	35	20	2	2	0	2	10	–	–	87	
Germany	7x	–	–	–	–	–	–	–	–	–	–	–	–
Ghana	9	54	58	56	13	18	3	5	22	95	77	32	
Greece	8x	–	–	–	–	–	–	–	–	–	–	–	–
Grenada	9	39x	–	–	–	–	–	–	–	–	–	–	–
Guatemala	12	51	67	47	18y	23y	4y	2y	49y	33	29	40	
Guinea	12	27	41	71	22	26	7	9	35	95	94	51	
Guinea-Bissau	24	16	35	61	15	19	4	7	41	66	64	1	
Guyana	13	11	42	31	10	12	2	8	14	–	–	–	
Haiti	25	41	87	35	18	22	6	9	24	–	–	3	
Holy See	–	–	–	–	–	–	–	–	–	–	–	–	–
Honduras	10	30	69	48	8	11	1	1	25	–	–	80x	
Hungary	9	–	–	–	–	–	–	–	–	–	–	–	–
Iceland	4	–	–	–	–	–	–	–	–	–	–	–	–
India	28	46	57	77	43	46	–	19	38	53	33	51	
Indonesia	9	40	75	59	23	28	9	–	–	87	87	73	
Iran (Islamic Republic of)	7x	23	68	58	–	11x	2x	5x	15x	–	–	99	
Iraq	15	25	51	36	6	8	1	5	21	–	–	28	
Ireland	6x	–	–	–	–	–	–	–	–	–	–	–	–
Israel	8	–	–	–	–	–	–	–	–	–	–	–	–
Italy	6x	–	–	–	–	–	–	–	–	–	–	–	–
Jamaica	12	15	36	24	3	4	–	4	3	–	–	100x	
Japan	8	–	–	–	–	–	–	–	–	–	–	–	–
Jordan	12	22	66	11	–	4	1	2	9	–	–	88	
Kazakhstan	6	17	39	16	4	4	1	4	13	–	–	92	
Kenya	10	13	84	57	16	20	4	6	30	22	15	91	
Kiribati	5x	80x	–	–	–	13x	–	–	–	–	–	–	–
Kuwait	7x	12x	26x	9x	–	10x	3x	11x	24x	–	–	–	–
Kyrgyzstan	5	32	49	26	2	3	0	4	14	95	95	76	
Lao People's Democratic Republic	14	23	10	47	31	37	9	7	40	83	69	75	
Latvia	5	–	–	–	–	–	–	–	–	–	–	–	–
Lebanon	6	27	35	11	–	4	–	5	11	–	–	92	
Lesotho	13	36	79	60	–	20	4	4	38	85	38	91	
Liberia	–	35	70	45	23	26	8	6	39	85	85	–	
Libyan Arab Jamahiriya	7x	–	–	23x	4x	5x	1x	3x	15x	–	–	90x	
Liechtenstein	–	–	–	–	–	–	–	–	–	–	–	–	–
Lithuania	4	–	–	–	–	–	–	–	–	–	–	–	–
Luxembourg	8	–	–	–	–	–	–	–	–	–	–	–	–
Madagascar	17	67	78	64	36	42	11	13	48	95	95	75	
Malawi	14	57	89	72	15	21	4	4	46	90	90	50	
Malaysia	9	29x	–	12x	–	8	1	–	–	–	–	–	–
Maldives	22	10	85	–	–	30	7	13	25	62	62	44	
Mali	19	38	30	56	27	32	10	13	34	95	89	79	
Malta	6	–	–	–	–	–	–	–	–	–	–	–	–
Marshall Islands	12x	63x	–	–	–	–	–	–	–	39	39	–	–
Mauritania	–	20	78	57	–	32	10	13	35	95	89	2	
Mauritius	14	21	–	–	–	15x	2x	14x	10x	–	–	0x	–
Mexico	8	38x	36x	21x	3	5	–	2	13	–	–	91	–
Micronesia (Federated States of)	18	60x	–	–	–	15x	–	–	–	–	–	–	–
Moldova	6	46	18	2	–	4	1	4	8	–	–	60	–
Monaco	–	–	–	–	–	–	–	–	–	–	–	–	–
Mongolia	6	57	57	65	5	6	1	2	21	95	94	83	
Montenegro	4	19	35	13	2	3	1	3	5	–	–	71	–
Morocco	15	31	66	15	9	10	2	9	18	–	–	21	–
Mozambique	15	30	80	65	20	24	6	4	41	48	42	54	–
Myanmar	15	15	66	67	–	32	7	9	32	94	93	60	–
Namibia	14	24	72	28	–	24	5	9	24	–	–	63	–
Nauru	–	–	–	–	–	–	–	–	–	–	–	–	–

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		exclusively breastfed (< 6 months)	breastfed with complementary food (6–9 months)	still breastfeeding (20–23 months)	underweight [†] (WHO ref. pop.)	wasting [‡] (NCHS/WHO)		stunting [‡] (NCHS/WHO)	at least one dose [§] (%)	full coverage ^Δ (%)		
						moderate & severe	moderate & severe				severe	
Nepal	21	53	75	95	39	45	10	12	43	95	95	63
Netherlands	–	–	–	–	–	–	–	–	–	–	–	–
New Zealand	6	–	–	–	–	–	–	–	–	–	–	83x
Nicaragua	12	31	83	43	–	7	1	1	17	95	–	97
Niger	27	9	73	–	39	44	15	10	50	95	95	46
Nigeria	14	17	64	34	24	29	9	9	38	77	55	97
Niue	0	–	–	–	–	–	–	–	–	–	–	–
Norway	5	–	–	–	–	–	–	–	–	–	–	–
Occupied Palestinian Territory	7	27	–	–	–	3	0	1	10	–	–	86
Oman	9	–	91	73	13x	18x	1x	7x	10x	–	–	61x
Pakistan	19x	37	36	55	31	38	13	13	37	95	95	17
Palau	9x	59x	–	–	–	–	–	–	–	–	–	–
Panama	10	25x	38x	21x	6x	8x	1x	1x	18x	–	–	95x
Papua New Guinea	11x	59x	74x	66x	–	–	–	–	–	7	7	–
Paraguay	9	22	60	–	3	4	–	1	14	–	–	94
Peru	10	63	82	47	6	5	1	1	30	–	–	91
Philippines	20	34	58	32	21	28	–	6	30	83	83	45
Poland	6	–	–	–	–	–	–	–	–	–	–	–
Portugal	8	–	–	–	–	–	–	–	–	–	–	–
Qatar	10x	12x	48x	21x	–	6x	–	2x	8x	–	–	–
Republic of Korea	4	–	–	–	–	–	–	–	–	–	–	–
Romania	8	16	41	–	4	3	0	2	10	–	–	74
Russian Federation	6	–	–	–	–	3x	1x	4x	13x	–	–	35
Rwanda	6	88	69	77	18	23	4	4	45	89	76	88
Saint Kitts and Nevis	9	56x	–	–	–	–	–	–	–	–	–	100
Saint Lucia	11	–	–	–	–	–	–	–	–	–	–	–
Saint Vincent and the Grenadines	8	–	–	–	–	–	–	–	–	–	–	–
Samoa	4x	–	–	–	–	–	–	–	–	–	–	–
San Marino	–	–	–	–	–	–	–	–	–	–	–	–
Sao Tome and Principe	8	60	60	18	7	9	1	8	23	55	48	37
Saudi Arabia	11x	31x	60x	30x	–	14x	3x	11x	20x	–	–	–
Senegal	19	34	61	42	14	17	3	8	16	94	94	41
Serbia	5	15	39	8	1	2	0	3	6	–	–	73
Seychelles	–	–	–	–	–	–	–	–	–	–	–	–
Sierra Leone	24	8	52	57	25	30	8	9	40	95	86	45
Singapore	8	–	–	–	3	3	0	2	2	–	–	–
Slovakia	7	–	–	–	–	–	–	–	–	–	–	–
Slovenia	6	–	–	–	–	–	–	–	–	–	–	–
Solomon Islands	13x	65	–	–	16x	21x	–	–	–	–	–	–
Somalia	–	9	15	35	32	36	12	11	38	89	4	1
South Africa	15x	7	46	–	10x	12x	2x	3x	25x	–	–	62x
Spain	6x	–	–	–	–	–	–	–	–	–	–	–
Sri Lanka	22	53	–	73	23y	29y	–	14y	14y	–	–	94
Sudan	31x	16	47	40	–	41	15	16	43	90	90	1
Suriname	13	9	25	11	7	10	1	5	8	–	–	–
Swaziland	9	32	77	31	5	7	–	2	24	–	–	80
Sweden	4x	–	–	–	–	–	–	–	–	–	–	–
Switzerland	6x	–	–	–	–	–	–	–	–	–	–	–
Syrian Arab Republic	9	29	37	16	9	10	2	9	22	–	–	79
Tajikistan	10	25	15	34	14	17	4	7	27	92	92	46
Thailand	9	5	43	19	7	9	0	4	12	–	–	47
The former Yugoslav Republic of Macedonia	6	37x	8x	10x	2	2	0	2	9	–	–	94
Timor-Leste	12	31	82	35	–	49	15	25	54	57	50	60
Togo	12	28	35	44	22	26	7	14	24	95	64	25
Tonga	3	62x	–	–	–	–	–	–	–	–	–	–
Trinidad and Tobago	19	13	43	22	–	6	1	4	4	–	–	28
Tunisia	7	47	–	22	–	4	1	2	12	–	–	97
Turkey	16x	21	38	24	–	4	1	1	12	–	–	64
Turkmenistan	4	11	54	37	8	11	2	6	15	–	–	87
Tuvalu	5	–	–	–	–	–	–	–	–	–	–	–
Uganda	14	60	80	54	16	20	5	5	32	64	–	96

	% of infants with low birthweight 2000–2007*	% of children (2000–2007*) who are:			% of under-fives (2000–2007*) suffering from:					Vitamin A supplementation coverage rate (6–59 months) 2007		% of households consuming iodized salt 2000–2007*
		exclusively breastfed (< 6 months)	breastfed with complementary food (6–9 months)	still breastfeeding (20–23 months)	underweight [†] (WHO ref. pop.)	underweight [†] (NCHS/WHO)		wasting [‡] (NCHS/WHO)	stunting [‡] (NCHS/WHO)	at least one dose [‡] (%)	full coverage ^Δ (%)	
						moderate & severe	moderate & severe					
Ukraine	4	6	49	11	–	1y	0y	0y	3y	–	–	18
United Arab Emirates	15x	34x	52x	29x	–	14x	3x	15x	17x	–	–	–
United Kingdom	8	–	–	–	–	–	–	–	–	–	–	–
United Republic of Tanzania	10	41	91	55	17	22	4	3	38	93	93	43
United States	8	–	–	–	1y	2y	0y	0y	1y	–	–	–
Uruguay	8	54	32	31	–	5	1	2	11	–	–	–
Uzbekistan	5	26	45	38	4	5	1	3	15	84	84	53
Vanuatu	6	50x	–	–	–	–	–	–	–	–	–	–
Venezuela (Bolivarian Republic of)	9	7x	50x	31x	–	5	–	4	12	–	–	90x
Viet Nam	7	17	70	23	–	20	5	8	36	95	95w	93
Yemen	32x	–	–	–	42	46	15	12	53	47	47w	30
Zambia	12	61	93	42	15	19	3	5	39	95	95	77
Zimbabwe	11	22	79	–	12	17	3	6	29	83	83	91

SUMMARY INDICATORS

Sub-Saharan Africa	15	31	68	51	24	28	8	9	38	77	67	64
Eastern and Southern Africa	14	40	71	56	23	28	7	7	40	73	68	56
West and Central Africa	15	23	65	47	24	28	9	10	36	81	67	72
Middle East and North Africa	12	26	57	36	11	17	5	8	26	–	–	60
South Asia	27	44	53	75	41	45	–	18	38	64	50	51
East Asia and Pacific	6	43	45	27	11	14	–	–	16	86	86**	86
Latin America and Caribbean	9	–	–	–	5	6	–	2	16	–	–	83
CEE/CIS	6	20	41	23	–	5	1	2	12	–	–	50
Industrialized countries [§]	7	–	–	–	–	–	–	–	–	–	–	–
Developing countries [§]	15	39	55	51	24	26	–	11	30	72	62**	70
Least developed countries [§]	17	37	64	64	30	34	9	11	40	84	82	55
World	14	38	55	50	23	25	–	11	28	72	62**	68

§ Also includes territories within each country category or regional group. Countries and territories in each country category or regional group are listed on page 152.

DEFINITIONS OF THE INDICATORS

- Low birthweight** – Percentage of infants weighing less than 2,500 grams at birth.
- Underweight (WHO ref. pop.)** – Moderate and severe: Percentage of children aged 0–59 months who are below minus two standard deviations from median weight for age of the WHO Child Growth Standards published in 2006.
- Underweight (NCHS/WHO)** – Moderate and severe: Percentage of children aged 0–59 months who are below minus two standard deviations from median weight for age of the National Center for Health Statistics (NCHS)/WHO reference population; Severe: Percentage of children aged 0–59 months who are below minus three standard deviations from median weight for age of the NCHS/WHO reference population.
- Wasting (NCHS/WHO)** – Moderate and severe: Percentage of children aged 0–59 months who are below minus two standard deviations from median weight for height of the NCHS/WHO reference population.
- Stunting (NCHS/WHO)** – Moderate and severe: Percentage of children aged 0–59 months who are below minus two standard deviations from median height for age of the NCHS/WHO reference population.
- Vitamin A** – Percentage of children aged 6–59 months who received vitamin A supplements in 2007.
- Iodized salt consumption** – Percentage of households consuming adequately iodized salt (15 parts per million or more).

MAIN DATA SOURCES

- Low birthweight** – Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS), other national household surveys, data from routine reporting systems, UNICEF and WHO.
- Breastfeeding** – DHS, MICS, other national household surveys and UNICEF.
- Underweight, wasting and stunting** – DHS, MICS, other national household surveys, WHO and UNICEF.
- Vitamin A** – UNICEF.
- Salt iodization** – DHS, MICS, other national household surveys and UNICEF.

- NOTES**
- Data not available.
 - x Data refer to years or periods other than those specified in the column heading, differ from the standard definition or refer to only part of a country. Such data are not included in the calculation of regional and global averages.
 - y Data refer to years or periods other than those specified in the column heading, differ from the standard definition or refer to only part of a country. Such data are included in the calculation of regional and global averages.
 - k Refers to exclusive breastfeeding for less than four months.
 - w Identifies countries with national vitamin A supplementation programmes targeted towards a reduced age range. Coverage figure is reported as targeted.
 - † In this year's report, the 'underweight' statistics apply the same indicators to two different reference populations. Due to this difference, the data presented here are not strictly comparable with each other or with previous editions of this report. The WHO Child Growth Standards are gradually replacing the widely used NCHS/WHO reference population. For a more detailed description of this transition, please see the *General note on the data* on page 114.
 - ‡ The data for 'wasting' and 'stunting' refer to the same reference populations and are therefore comparable with each other and with data published in previous editions of this report.
 - ‡ Refers to the percentage of children who received at least one dose in 2007 (the most recent coverage point at the time of reporting).
 - Δ The percentage of children reached with two doses in 2007 is reported as the lower percentage of two coverage points. '0' (zero) indicates that only one dose was delivered in 2007.
 - * Data refer to the most recent year available during the period specified in the column heading.
 - ** Excludes China.