

Reference number: 308 Date of survey: 2008 Administrative level: N																									
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breast-feeding (months)	Median any breast-feeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size	
National: Total	B	97.3	28100	0.5	18.1	2629	16.7	1752	13.1	2835	38.4	17269	14.5	5729					50.0	7438	85.4	1995	32.3	1099	1
Children by sex	F	97.4	13811	0.5	18.4	1296					38.9	8502							51.2	3715					
Children by sex	F	97.3	14289	0.5	17.7	1333					37.9	8767							48.8	3722					
Children by area: Urban	B	97.4	9359	0.5	16.2	814					40.5	5218							48.4	2229					
Children by area: Rural	B	97.3	19741	0.4	19.0	1815					37.5	12051							50.6	5209					
Children by zone: North Central	B	97.0	3830	0.5	19.1	346					60.5	2456							56.3	982					
Children by zone: North East	B	97.9	4575	0.4	20.7	462					24.7	2696							58.7	1161					
Children by zone: North West	B	98.1	8779	0.4	20.0	743					31.4	5305							46.8	2357					
Children by zone: South East	B	95.7	2730	0.5	14.2	260					38.1	1546							49.2	703					
Children by zone: South South	B	96.4	3667	0.5	15.4	367					51.2	2247							51.1	981					
Children by zone: South West	B	97.3	4519	0.6	16.0	450					35.5	3018							42.6	1253					

**Survey note:** Sampling: two-stage stratified cluster sampling with probability proportionate to size; sample selected from 36298 households; data on "early initiation of breastfeeding" collected among last-born children.

**Reference:** National Population Commission (NPC) [Nigeria] and ICF Macro. Nigeria Demographic and Health Survey 2008. Abuja, Nigeria: National Population Commission and ICF Macro, 2009.

Reference number: 229 Date of survey: 2007 Administrative level: N																									
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breast-feeding (months)	Median any breast-feeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size	
National: Total	B						14.0	1154	11.7	1733					40.9	1143					77.8	1694	30.5	678	
Children by sex	F						14.3	588	12.2	892					38.7	584					77.7	817	32.8	319	
Children by sex	M						13.7	566	11.0	841					43.2	559					77.9	877	28.4	359	
Children by area: Urban	B						18.1	318	14.8	474					49.4	365					73.0	425	21.3	251	
Children by area: Rural	B						12.5	836	10.5	1259					36.9	778					79.4	1269	35.9	427	
Children by zone: North Central	B						34.3	131	30.9	215					49.9	158					82.0	155	41.2	82	
Children by zone: North East	B						4.4	223	4.1	293					20.5	164					64.5	343	50.5	68	
Children by zone: North West	B						9.5	390	6.7	571					24.2	317					90.4	674	57.4	116	
Children by zone: South East	B						9.0	85	6.5	133					62.7	83					57.8	90	8.0	82	
Children by zone: South South	B						12.1	148	11.6	226					53.2	161					67.3	172	15.7	129	
Children by zone: South West	B						25.0	177	17.1	293					54.0	260					79.6	260	22.4	202	

**Survey note:** Sampling: two-stage stratified cluster sampling with probability proportionate to size; sample selected from 28603 households.

**Reference:** National Bureau of Statistics (NBS) and UNICEF. Nigeria Multiple Indicator Cluster Survey 2007, Final Report. Abuja, Nigeria: NBS and UNICEF, 2007.

Reference number: 41																									
Date of survey: 2003																									
Administrative level: N																									
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breastfeeding (months)	Median any breastfeeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size	
National: Total	B	97.4	6219	0.5	18.6	3815	22.3	412	17.2	659	31.9	6055	18.3	1332	76.1	455					89.9	387	34.1	248	2
Children by sex	F	97.7	3033	0.5	18.6	1867					32.9	2965													
Children by sex	M	97.0	3186	0.5	18.6	1947					30.9	3090													
Children by area: Urban	B	97.6	1795	0.5	17.2	1137					34.7	1752													
Children by area: Rural	B	97.3	4424	0.5	19.2	2677					30.8	4303													
Children by region: North Central	B	97.9	897	0.7	19.0	553					46.6	878													
Children by region: North East	B	96.3	1472	0.4	20.5	875					25.9	1418													
Children by region: North West	B	98.1	2161	0.4	19.9	1310					27.1	2121													
Children by region: South East	B	97.1	371	0.4	13.3	245					57.5	360													
Children by region: South South	B	96.8	789	0.6	15.8	503					40.3	763													
Children by region: South West	B	97.4	529	0.7	15.9	328					12.7	515													

**Survey note:** Sampling: two-stage stratified cluster sampling; sample selected from 7864 households.

**Reference:** National Population Commission (NPC) and ORC Macro. Nigeria Demographic and Health Survey 2003. Calverton, Maryland, USA: National Population Commission (NPC) and ORC Macro, 2004.

Reference number: 158																										
Date of survey: 1999																										
Administrative level: N																										
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breastfeeding (months)	Median any breastfeeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note	
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size		2 Years
National: Total	B	96.2	3547	0.5	18.5	3104	19.6	361	15.4	562	38.2	3547									84.9	574	35.4	240	3	
Children by sex	F	96.7	1741	0.5	18.9	1525					38.0	1741														
Children by sex	M	95.8	1807	0.5	18.2	1579					38.4	1807														
Children by area: Urban	B	96.4	984	0.6	17.0	868					43.0	984														
Children by area: Rural	B	96.2	2563	0.5	19.1	2237					36.3	2563														
Children by region: Central	B	96.1	704	0.6	18.0	641					50.2	704														
Children by region: Northeast	B	94.8	788	0.4	21.1	690					24.5	788														
Children by region: Northwest	B	95.4	629	0.5	22.2	556					51.4	629														
Children by region: Southeast	B	97.6	649	0.5	15.5	532					42.7	649														
Children by region: Southwest	B	97.4	777	0.6	17.1	686					26.7	777														

**Survey note:** Sampling: two-stage stratified cluster sampling with probability proportionate to size; sample selected from 7919 households.

**Reference:** National Population Commission and ORC/Macro. Nigeria Demographic and Health Survey 1999. Calverton, Maryland, USA: National Population Commission and ORC/Macro, 2000.

Reference number: 183																											
Date of survey: 1999																											
Administrative level: N																											
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breastfeeding (months)	Median any breastfeeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note		
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size		2 Years	Sample size
National: Total	B						22.0	1015							44.3	899							72.6	1319	36.4	571	
Children by sex	F						23.2	449							45.4	412							75.1	559	39.8	246	
Children by sex	M						21.4	518							43.0	430							71.1	688	33.6	301	
Children by area: Urban	B						21.8	303							43.3	245							61.4	298	22.3	175	
Children by area: Rural	B						22.4	664							44.6	597							76.6	946	42.9	371	
Children by region: South West	B						24.1	216							40.4	225							64.5	231	26.6	158	
Children by region: South East	B						6.4	141							55.8	172							55.3	188	27.2	125	
Children by region: North West	B						22.2	361							39.4	251							81.5	534	46.7	122	
Children by region: North East	B						30.9	204							44.3	194							75.2	294	46.5	142	
Children by state: Abia	B						7.4	27							28.1	32							26.7	15	25.0	16	
Children by state: Adamawa	B						30.0	40							45.5	33							60.5	43	5.0	20	
Children by state: Akwa-Ibom	B						12.5	16							75.0	28							64.0	25	36.4	22	
Children by state: Anambra	B						8.3	12							45.8	24							41.9	31	15.4	13	
Children by state: Bauchi and Gombe	B						5.3	19							57.5	40							78.1	32	53.1	49	
Children by state: Benue	B						3.2	31							47.6	21							67.9	28	53.3	15	
Children by state: Borno	B						12.5	24							47.4	19							77.5	40	87.5	16	
Children by state: Cross River	B						0.0	25							61.9	21							75.0	28	12.5	16	
Children by state: Delta	B						10.0	30							50.0	26							52.2	46	18.8	16	
Children by state: Edo	B						25.9	27							40.9	22							80.0	25	4.8	21	
Children by state: Enuqu and Ebonyi	B						0.0	15							77.8	18							45.8	24	45.5	22	
Children by state: Indo and Ekiti	B						17.6	17							14.3	19							61.1	18	28.6	14	
Children by state: Imo	B						16.7	6							52.9	17							52.4	21	0.0	7	
Children by state: Jigawa	B						12.1	66							29.2	48							86.1	115	44.0	25	
Children by state: Kebbi	B						29.3	58							48.1	27							69.9	93	66.7	3	
Children by state: Kaduna	B						24.1	29							34.4	32							86.5	37	26.7	30	
Children by state: Kogi	B						15.7	70							55.0	40							76.7	43	53.1	32	
Children by state: Kano	B						5.9	51							55.9	34							76.3	59	44.4	18	
Children by state: Katsina	B						34.0	47							22.5	40							88.0	83	87.5	8	
Children by state: Kwara	B						36.0	25							44.4	27							92.9	14	38.9	18	
Children by state: Lagos	B						22.6	31							41.7	36							37.8	37	0.0	23	
Children by state: Niger	B						27.3	33							30.8	26							85.7	42	50.0	20	
Children by state: Ogun	B						11.1	18							52.6	19							50.0	14	27.3	11	
Children by state: Osum	B						51.9	27							31.3	16							86.4	22	36.4	11	
Children by state: Oyo	B						36.0	25							30.8	26							76.2	21	42.9	14	
Children by state: Plateau and Nassarawa	B						51.5	33							51.4	37							89.2	37	45.5	22	
Children by state: Rivers and Bayelsa	B						22.2	9							75.0	12							56.3	16	200	10	
Children by state: Sokoto and Zamfara	B						35.9	39							52.4	21							87.8	74	62.5	8	
Children by state: Tataba	B						39.3	28							29.6	27							91.1	45	52.6	19	
Children by state: Yobe	B						32.8	58							33.3	36							66.7	99	21.1	19	
Children by state: Federal Capital Territory	B						12.9	31							50.0	47							55.0	20	22.2	9	

**Survey note:** Sampling: two-stage cluster sampling with probability proportionate to size; sample selected from 17764 households.

**Reference:** Federal Office of Statistics and UNICEF. Multiple Indicator Cluster Survey (1999) Nigeria. Lagos, Nigeria, 2000.

Reference number: 157																									
Date of survey: 1995																									
Administrative level: N																									
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breastfeeding (months)	Median any breastfeeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size	
National: Total	B	99.5	NS																						
Children by sex	F	99.3	NS																						
Children by sex	M	99.6	NS																						
Children by area: Urban	B	99.8	NS																						
Children by area: Rural	B	99.3	NS																						
Children by state: Abia	B	100.0	NS																						
Children by state: Adamawa	B	98.2	NS																						
Children by state: Akwa Ibom	B	100.0	NS																						
Children by state: Ananmbra	B	100.0	NS																						
Children by state: Bauchi	B	100.0	NS																						
Children by state: Benue	B	100.0	NS																						
Children by state: Borno	B	100.0	NS																						
Children by state: Cross River	B	100.0	NS																						
Children by state: Delta	B	100.0	NS																						
Children by state: Edo	B	100.0	NS																						
Children by state: Enuga	B	100.0	NS																						
Children by state: Imo	B	95.7	NS																						
Children by state: Jigawa	B	99.2	NS																						
Children by state: Kaduna	B	100.0	NS																						
Children by state: Kano	B	98.1	NS																						
Children by state: Katsino	B	100.0	NS																						
Children by state: Kebbi	B	97.6	NS																						
Children by state: Kogi	B	100.0	NS																						
Children by state: Kwara	B	100.0	NS																						
Children by state: Lagos	B	100.0	NS																						
Children by state: Niger	B	100.0	NS																						
Children by state: Ogun	B	100.0	NS																						
Children by state: Ondo	B	100.0	NS																						
Children by state: Osun	B	100.0	NS																						
Children by state: Oyo	B	100.0	NS																						
Children by state: Plateau	B	100.0	NS																						
Children by state: Rivers	B	100.0	NS																						
Children by state: Sokoto	B	98.3	NS																						
Children by state: Taraba	B	100.0	NS																						
Children by state: Yobe	B	100.0	NS																						
Children by state: Abuja (FCT)	B	100.0	NS																						

**Survey note:** Sampling: households randomly selected; "ever breastfed" data includes children aged 0-11 months.

**Reference:** Federal Office of Statistics (FOS) and UNICEF. Multiple Indicator Cluster Survey 1995 (MICS). Nigeria: FOS and UNICEF, 1995.

Reference number: 182																									
Date of survey: 1992 - 93																									
Administrative level: N																									
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breastfeeding (months)	Median any breast-feeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size	
10 states: Total	B						1.8	NS																	
Children by zone: A	B						2.7	NS			31.4	NS													
Children by zone: B	B						1.6	NS			6.1	NS													
Children by zone: C	B						0.3	NS			18.4	NS													
Children by zone: D	B						2.5	NS			17.3	NS													

**Survey note:** Sampling: multi-stage cluster sampling; sample selected from 10 states (UNICEF focal states) in 4 zones (zone A: Benue and Cross River states; zone B: Ondo, Oyo and Osun states; zone C: Kaduna and Niger states; zone D: Adamawa, Bauchi and Taraba states); data on exclusive breastfeeding and data on "early initiation of breastfeeding" collected among last-born children.

**Reference:** National Planning Commission and UNICEF. The Nutritional Status of Women and Children in Nigeria. Lagos, Nigeria, 1994.

Reference number: 159																											
Date of survey: 1990																											
Administrative level: N																											
Location and sample descriptor	Sex	Ever breastfed %	Sample size	Median exclusive breastfeeding (months)	Median any breast-feeding (months)	Sample size	Exclusive breastfeeding rate %				Early initiation of breastfeeding %		Bottle-feeding rate% 0-11 %		Intro solid, semi-solid foods 6-9 mo %		Minimum dietary diversity %		Minimum meal frequency %		Continued breastfeeding				Line note		
							<4 months	Sample size	<6 months	Sample size		Sample size		Sample size		Sample size		Sample size		Sample size		Sample size	1 Year	Sample size		2 Years	Sample size
National: Total	B	96.7	8199		19.5	4878	1.5	539	1.0	830	33.1	5176	27.1	1595	51.0	NS							86.4	560	42.9	337	4
Children by sex	F	97.1	4127		19.3	2408					33.0	2588															
Children by sex	M	96.3	4072		19.6	2470					33.1	2588															
Children by area: Urban	B	96.3	1730		15.3	1021					28.9	1118															
Children by area: Rural	B	96.9	6469		20.4	3858					34.2	4058															
Children by region: North East	B	96.5	1948		21.5	1229					36.1	1246															
Children by region: North West	B	96.6	2267		20.8	1346					27.7	1445															
Children by region: South East	B	97.4	2447		17.4	1408					46.8	1475															
Children by region: South West	B	96.1	1536		16.1	895					17.0	1011															

**Survey note:** Sampling: 299 enumeration areas (EA) selected (132 urban EAs and 167 rural EAs), for each EA a systematic sample of 34 households selected; 9998 households sampled.

**Reference:** Federal Office of Statistics and IRD/Macro International Inc. Nigeria Demographic and Health Survey 1990. Columbia; Maryland, USA: Federal Office of Statistics and IRD/Macro International Inc, 1992.

## Line Notes

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### NIGERIA

**Line note: 1** Bottle-feeding rate calculated prevalence.

**Line note: 2** Exclusive breastfeeding under 4 months and bottle-feeding rate calculated prevalences.

**Line note: 3** Exclusive breastfeeding under 6 months, continued breastfeeding at 1 year (12-15 months) and continued breastfeeding at 2 years (20-23 months) calculated prevalences.

**Line note: 4** Exclusive breastfeeding under 4 month and 6 months, bottle-feeding rate, continued breastfeeding at 1 year (12-15 months) and continued breastfeeding at 2 years (20-23 months) calculated prevalences.