

# INFANT AND CHILD MORTALITY

**Table 8.1 Early childhood mortality rates**

Neonatal, postneonatal, infant, child, and under-five mortality rates for five-year periods preceding the survey, Model DHS 6 data

Years preceding the survey	Neonatal mortality (NN)	Post-neonatal mortality (PNN) <sup>1</sup>	Infant mortality ( <sub>1</sub> q <sub>0</sub> )	Child mortality ( <sub>4</sub> q <sub>1</sub> )	Under-5 mortality ( <sub>5</sub> q <sub>0</sub> )
0-4	38	51	89	68	150
5-9	46	81	127	75	192
10-14	44	101	145	85	218

<sup>1</sup> Computed as the difference between the infant and neonatal mortality rates

**Table 8.2 Early childhood mortality rates by socioeconomic characteristics**

Neonatal, postneonatal, infant, child, and under-five mortality rates for the 10-year period preceding the survey, by background characteristics, Model DHS 6 data

Background characteristic	Neonatal mortality (NN)	Post-neonatal mortality (PNN) <sup>1</sup>	Infant mortality ( <sub>1</sub> q <sub>0</sub> )	Child mortality ( <sub>4</sub> q <sub>1</sub> )	Under-5 mortality ( <sub>5</sub> q <sub>0</sub> )
<b>Residence</b>					
Urban	50	66	116	63	171
Rural	38	66	104	75	171
<b>Region</b>					
Region 1	31	61	92	72	157
Region 2	46	69	116	69	176
Region 3	66	54	120	56	169
Region 4	36	79	116	84	190
<b>Mother's education</b>					
No education	41	69	110	74	176
Primary	40	50	91	72	156
Secondary or higher	48	63	110	52	157
<b>Wealth quintile</b>					
Lowest	43	73	116	71	179
Second	39	73	112	84	187
Middle	29	72	102	77	171
Fourth	47	55	102	63	159
Highest	56	48	105	52	151

<sup>1</sup> Computed as the difference between the infant and neonatal mortality rates

**Table 8.3 Early childhood mortality rates by demographic characteristics**

Neonatal, postneonatal, infant, child, and under-five mortality rates for the 10-year period preceding the survey, by demographic characteristics, Model DHS 6 data

Demographic characteristic	Neonatal mortality (NN)	Post-neonatal mortality (PNN) <sup>1</sup>	Infant mortality (1q0)	Child mortality (4q1)	Under-5 mortality (5q0)
<b>Child's sex</b>					
Male	47	67	114	74	180
Female	37	64	101	68	162
<b>Mother's age at birth</b>					
<20	55	79	134	74	198
20-29	37	62	100	70	163
30-39	40	63	103	72	167
40-49	(47)	(59)	(106)	*	*
<b>Birth order</b>					
1	53	66	119	59	172
2-3	35	65	100	64	158
4-6	33	61	94	77	164
7+	66	83	149	104	238
<b>Previous birth interval<sup>2</sup></b>					
<2 years	65	91	156	107	246
2 years	41	78	119	82	191
3 years	35	51	86	47	128
4+ years	15	36	51	53	101
<b>Birth size<sup>3</sup></b>					
Small/very small	65	79	144	na	na
Average or larger	26	41	67	na	na

Note: Figures in parentheses are based on 25-49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = Not available

<sup>1</sup> Computed as the difference between the infant and neonatal mortality rates

<sup>2</sup> Excludes first-order births

<sup>3</sup> Rates for the five-year period before the survey

**Table 8.4 Perinatal mortality**

Number of stillbirths and early neonatal deaths, and the perinatal mortality rate for the five-year period preceding the survey, by background characteristics, Model DHS 6 data

Background characteristic	Number of stillbirths <sup>1</sup>	Number of early neonatal deaths <sup>2</sup>	Perinatal mortality rate <sup>3</sup>	Number of pregnancies of 7+ months duration
<b>Mother's age at birth</b>				
<20	6	40	41	1,110
20-29	14	73	29	2,950
30-39	9	57	42	1,583
40-49	5	6	42	264
<b>Previous pregnancy interval in months<sup>4</sup></b>				
First pregnancy	9	60	54	1,266
<15	5	22	42	635
15-26	10	49	43	1,364
27-38	6	18	23	1,040
39+	4	28	20	1,601
<b>Residence</b>				
Urban	9	74	42	1,971
Rural	25	103	32	3,935
<b>Region</b>				
Region 1	16	38	25	2,178
Region 2	5	40	35	1,315
Region 3	1	55	51	1,101
Region 4	11	43	41	1,313
<b>Mother's education</b>				
No education	23	97	30	3,957
Primary	7	30	44	848
Secondary or higher	4	49	48	1,102
<b>Wealth quintile</b>				
Lowest	10	45	40	1,379
Second	8	31	30	1,297
Middle	5	26	25	1,200
Fourth	7	25	28	1,126
Highest	3	50	59	903
<b>Total</b>	<b>34</b>	<b>177</b>	<b>36</b>	<b>5,906</b>

<sup>1</sup> Stillbirths are fetal deaths in pregnancies lasting seven or more months.

<sup>2</sup> Early neonatal deaths are deaths at age 0-6 days among live-born children.

<sup>3</sup> The sum of the number of stillbirths and early neonatal deaths divided by the number of pregnancies of seven or more months' duration, expressed per 1,000.

<sup>4</sup> Categories correspond to birth intervals of <24 months, 24-35 months, 36-47 months, and 48+ months.

Table 8.5 High-risk fertility behavior

Percent distribution of children born in the five years preceding the survey by category of elevated risk of mortality and the risk ratio, and percent distribution of currently married women by category of risk if they were to conceive a child at the time of the survey, Model DHS 6 data

Risk category	Births in the 5 years preceding the survey		Percentage of currently married women <sup>1</sup>
	Percentage of births	Risk ratio	
<b>Not in any high risk category</b>	27.2	1.00	16.6 <sup>a</sup>
<b>Unavoidable risk category</b>			
First order births between ages 18 and 34 years	14.6	1.38	4.7
<b>Single high-risk category</b>			
Mother's age <18	8.4	1.64	0.7
Mother's age >34	1.2	1.27	4.7
Birth interval <24 months	5.3	1.35	8.4
Birth order >3	24.6	1.16	17.3
<b>Subtotal</b>	39.5	1.29	31.2
<b>Multiple high-risk category</b>			
Age <18 and birth interval <24 months <sup>2</sup>	0.6	(2.09)	0.3
Age >34 and birth interval <24 months	0.2	*	0.1
Age >34 and birth order >3	11.3	0.92	30.7
Age >34 and birth interval <24 months and birth order >3	1.6	1.46	5.0
Birth interval <24 months and birth order >3	5.1	2.11	11.6
<b>Subtotal</b>	18.7	1.35	47.5
<b>In any avoidable high-risk category</b>	58.2	1.31	78.7
Total	100.0	na	100.0
Number of births/women	5,872	na	5,273

Note: Risk ratio is the ratio of the proportion dead among births in a specific high-risk category to the proportion dead among births not in any high-risk category. Figures in parentheses are based on 25-49 unweighted cases. An asterisk indicates that a figure is based on fewer than 25 unweighted cases and has been suppressed.

na = Not applicable

<sup>1</sup> Women are assigned to risk categories according to the status they would have at the birth of a child if they were to conceive at the time of the survey: current age less than 17 years and 3 months or older than 34 years and 2 months, latest birth less than 15 months ago, or latest birth being of order 3 or higher.

<sup>2</sup> Includes the category age <18 and birth order >3

<sup>a</sup> Includes sterilized women