

RESEARCH ARTICLE

Demographic transition and opportunities for development in Bangladesh from 1971 to 2100

Supplementary Files

S1. Supplementary methodological assumptions and limitations

In line with the statement in Section 2.2 of the main text, this section summarizes the key assumptions and limitations of our analytical approach:

- Expanded theoretical lens: Indicators, such as crude birth rate, crude death rate, total fertility rate, rate of natural increase, net reproduction rate, infant mortality rate, and life expectancy at birth, are interpreted not just descriptively but within an expanded framework integrating demographic dividend theory, the second demographic dividend, and development–demography interactions. This enables us to examine how Bangladesh’s changing age structure interacts with policy, labor markets, migration, and gender dynamics.
- Labor force data: The age-specific LFPRs of 2019 are carried forward until 2100. These modeled estimates may not fully capture regional or informal-sector employment, seasonal migration, or gender differences.
- Potential deviations: The trajectory of Bangladesh’s demographic transition is policy-sensitive and may be altered by external shocks, such as climate change, migration flows, or sudden changes in labor-force participation.
- Regional and gender variation: National projections may mask sub-national differences in fertility, mortality, and labor force participation.

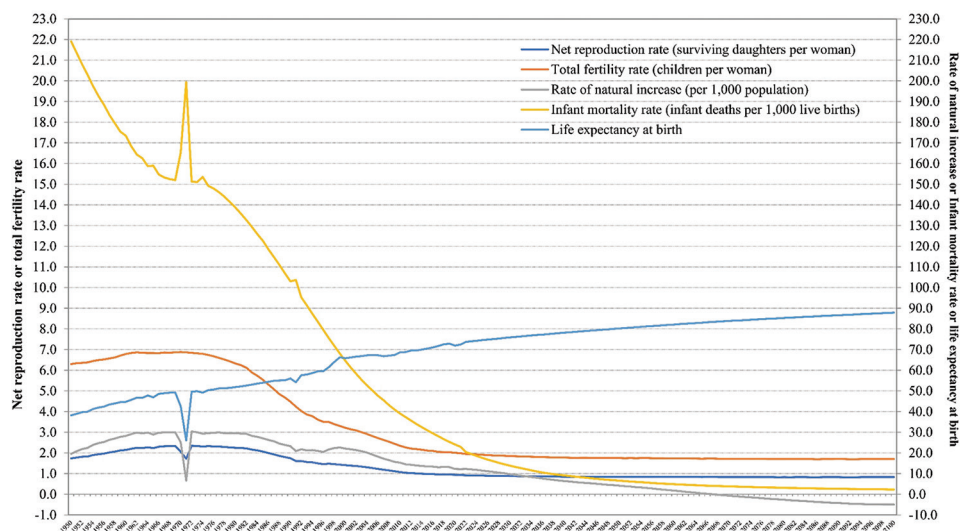


Figure S1. Net reproduction rate (surviving daughters per woman), total fertility rate (children per woman), rate of natural increase (per 1,000 population), infant mortality rate (infant deaths per 1,000 live births), and life expectancy at birth in Bangladesh from 1950 to 2100
Source: Authors’ calculations based on data from the 2022 Revision of World Population Prospects (UN, 2022).

Table S1. Total population (million), crude death rate (per 1,000 population), crude birth rate (per 1,000 population), net reproduction rate (surviving daughters per woman), total fertility rate (children per woman), rate of natural increase (per 1,000 population), infant mortality rate (infant deaths per 1,000 live births), and life expectancy at birth in Bangladesh from 1950 to 2100

Year	Total population	Crude death rate	Crude birth rate	Net reproduction rate	Total fertility rate	Rate of natural increase	Infant mortality rate	Life expectancy at birth
1950	39.7	27.0	46.5	1.7	6.3	19.5	219.2	38.2
1951	40.5	26.3	47.0	1.8	6.3	20.8	213.6	38.9
1952	41.4	25.5	47.3	1.8	6.3	21.8	208.1	39.7
1953	42.3	25.2	47.6	1.8	6.4	22.4	203.1	39.9
1954	43.3	24.2	48.0	1.9	6.4	23.8	197.6	41.2
1955	44.3	23.5	48.3	1.9	6.5	24.7	192.8	41.9
1956	45.4	23.1	48.4	2.0	6.5	25.3	188.4	42.4
1957	46.6	22.3	48.6	2.0	6.6	26.3	183.5	43.4
1958	47.7	21.8	48.7	2.1	6.6	26.9	179.5	43.9
1959	49.0	21.3	49.0	2.1	6.7	27.7	175.4	44.6
1960	50.4	21.2	49.5	2.1	6.8	28.2	173.4	44.7
1961	51.9	20.5	49.6	2.2	6.8	29.1	168.3	45.7
1962	53.5	19.7	49.6	2.2	6.9	29.8	164.3	46.7
1963	55.1	19.7	49.1	2.2	6.8	29.4	162.6	46.7
1964	56.8	18.8	48.6	2.3	6.8	29.8	158.7	47.7
1965	58.5	19.3	48.2	2.2	6.8	28.8	159.0	46.9
1966	60.3	18.1	47.8	2.3	6.8	29.7	154.7	48.6
1967	62.1	17.8	47.8	2.3	6.9	29.9	153.3	48.9
1968	64.0	17.6	47.6	2.3	6.8	29.9	152.5	49.1
1969	65.9	17.6	47.5	2.3	6.9	29.9	152.0	49.2
1970	67.5	22.3	47.4	2.1	6.9	25.1	165.3	42.6
1971	68.4	41.0	47.6	1.7	6.9	6.6	199.4	26.0
1972	69.3	17.1	47.5	2.3	6.8	30.4	151.3	49.6
1973	71.1	17.0	47.0	2.3	6.8	30.0	151.1	49.8
1974	72.9	17.4	46.7	2.3	6.8	29.2	153.6	49.2
1975	74.7	16.6	46.2	2.3	6.7	29.5	149.3	50.3
1976	76.4	16.4	46.2	2.3	6.7	29.7	147.9	50.6
1977	78.1	16.1	46.1	2.3	6.6	29.9	146.1	51.2
1978	80.0	16.1	45.6	2.3	6.5	29.5	143.9	51.3
1979	81.9	15.9	45.5	2.3	6.4	29.6	141.3	51.5
1980	83.9	15.6	45.1	2.3	6.3	29.5	138.6	51.8
1981	86.2	15.4	44.7	2.2	6.2	29.4	135.7	52.2
1982	88.6	15.0	44.3	2.2	6.1	29.2	132.6	52.5
1983	91.0	14.6	42.8	2.2	5.9	28.2	129.2	53.0
1984	93.5	14.1	41.8	2.1	5.7	27.7	125.8	53.5
1985	96.0	13.7	40.7	2.1	5.5	27.0	122.6	53.9
1986	98.3	13.2	39.4	2.0	5.3	26.2	118.4	54.4
1987	100.5	12.8	38.3	1.9	5.1	25.6	114.7	54.9
1988	102.7	12.5	37.0	1.9	4.8	24.4	110.9	55.0
1989	104.9	12.4	36.2	1.8	4.7	23.8	106.9	55.1

(Cont'd)

Table S1. (Continued)

Year	Total population	Crude death rate	Crude birth rate	Net reproduction rate	Total fertility rate	Rate of natural increase	Infant mortality rate	Life expectancy at birth
1990	107.1	11.7	35.0	1.7	4.5	23.2	103.0	56.0
1991	109.2	12.6	33.4	1.6	4.2	20.9	103.6	54.2
1992	111.3	10.6	32.4	1.6	4.0	21.8	95.2	57.6
1993	113.4	10.3	31.5	1.6	3.9	21.2	91.3	57.9
1994	115.6	10.0	31.3	1.5	3.8	21.4	87.3	58.6
1995	117.8	9.5	30.5	1.5	3.6	21.0	83.4	59.5
1996	119.9	9.5	30.0	1.5	3.5	20.5	79.5	59.5
1997	122.0	8.6	30.2	1.5	3.5	21.6	75.5	61.4
1998	124.4	7.5	29.8	1.5	3.4	22.3	71.8	63.9
1999	126.8	6.7	29.3	1.4	3.3	22.7	68.1	66.2
2000	129.2	6.9	29.0	1.4	3.2	22.1	64.6	65.8
2001	131.7	6.8	28.5	1.4	3.1	21.7	61.3	66.1
2002	134.1	6.6	28.0	1.4	3.1	21.4	58.2	66.6
2003	136.5	6.5	27.3	1.3	3.0	20.8	55.3	66.8
2004	138.8	6.4	26.6	1.3	2.9	20.1	52.6	67.2
2005	140.9	6.4	25.5	1.3	2.8	19.1	50.0	67.3
2006	142.6	6.5	24.6	1.2	2.7	18.2	47.5	67.2
2007	144.1	6.8	24.0	1.2	2.6	17.2	45.4	66.7
2008	145.4	6.7	23.1	1.2	2.5	16.4	43.0	67.1
2009	146.7	6.6	22.3	1.1	2.4	15.7	41.0	67.4
2010	148.4	6.1	21.4	1.1	2.3	15.3	39.0	68.6
2011	150.2	6.1	20.6	1.0	2.3	14.5	37.2	68.8
2012	152.1	5.9	20.1	1.0	2.2	14.2	35.6	69.6
2013	154.0	6.0	19.9	1.0	2.2	13.9	33.9	69.6
2014	156.0	5.9	19.5	1.0	2.2	13.6	32.4	70.0
2015	157.8	5.8	19.2	1.0	2.1	13.4	30.9	70.5
2016	159.8	5.6	19.0	1.0	2.1	13.4	29.4	71.1
2017	161.8	5.4	18.5	0.9	2.0	13.1	28.0	71.8
2018	163.7	5.2	18.5	1.0	2.0	13.2	26.6	72.6
2019	165.5	5.3	18.4	0.9	2.0	13.1	25.2	72.8
2020	167.4	5.8	18.1	0.9	2.0	12.2	24.0	72.0
2021	169.4	5.7	17.8	0.9	2.0	12.1	22.9	72.4
2022	171.2	5.3	17.5	0.9	2.0	12.2	20.4	73.7
2023	173.0	5.3	17.3	0.9	1.9	11.9	19.4	74.0
2024	174.7	5.3	17.0	0.9	1.9	11.7	18.4	74.3
2025	176.4	5.4	16.8	0.9	1.9	11.4	17.6	74.5
2026	178.1	5.4	16.5	0.9	1.9	11.1	16.7	74.8
2027	179.8	5.4	16.2	0.9	1.9	10.8	16.0	75.1
2028	181.4	5.5	15.9	0.9	1.9	10.4	15.2	75.3
2029	182.9	5.5	15.6	0.9	1.9	10.1	14.5	75.6
2030	184.4	5.6	15.3	0.9	1.8	9.7	13.8	75.8
2031	185.9	5.6	15.0	0.9	1.8	9.4	13.2	76.1

(Cont'd)

Table S1. (Continued)

Year	Total population	Crude death rate	Crude birth rate	Net reproduction rate	Total fertility rate	Rate of natural increase	Infant mortality rate	Life expectancy at birth
2032	187.3	5.7	14.7	0.9	1.8	9.0	12.6	76.3
2033	188.6	5.8	14.4	0.9	1.8	8.6	12.0	76.6
2034	189.9	5.8	14.1	0.9	1.8	8.3	11.5	76.8
2035	191.2	5.9	13.9	0.9	1.8	8.0	11.0	77.0
2036	192.3	6.0	13.6	0.9	1.8	7.6	10.5	77.3
2037	193.5	6.1	13.3	0.9	1.8	7.3	10.1	77.5
2038	194.5	6.2	13.1	0.9	1.8	6.9	9.7	77.7
2039	195.6	6.3	12.9	0.9	1.8	6.7	9.4	77.9
2040	196.5	6.3	12.7	0.8	1.8	6.4	9.1	78.1
2041	197.4	6.4	12.5	0.8	1.8	6.1	8.8	78.4
2042	198.3	6.5	12.4	0.8	1.8	5.8	8.5	78.6
2043	199.2	6.6	12.3	0.8	1.8	5.7	8.2	78.8
2044	200.0	6.8	12.2	0.8	1.8	5.4	7.9	79.0
2045	200.7	6.9	12.1	0.8	1.8	5.2	7.7	79.2
2046	201.4	7.0	12.0	0.8	1.8	5.0	7.4	79.4
2047	202.1	7.1	11.9	0.8	1.8	4.8	7.2	79.6
2048	202.8	7.2	11.8	0.8	1.8	4.6	7.0	79.8
2049	203.3	7.3	11.7	0.8	1.8	4.4	6.8	80.0
2050	203.9	7.4	11.6	0.8	1.8	4.1	6.5	80.2
2051	204.4	7.6	11.4	0.8	1.7	3.9	6.3	80.4
2052	204.9	7.7	11.4	0.8	1.8	3.7	6.1	80.6
2053	205.3	7.8	11.2	0.8	1.7	3.4	6.0	80.8
2054	205.7	7.9	11.2	0.8	1.7	3.2	5.8	81.0
2055	206.0	8.1	11.1	0.8	1.8	3.0	5.6	81.2
2056	206.3	8.2	10.9	0.8	1.7	2.7	5.4	81.4
2057	206.5	8.3	10.8	0.8	1.7	2.5	5.3	81.6
2058	206.7	8.5	10.7	0.8	1.7	2.2	5.1	81.8
2059	206.8	8.6	10.6	0.8	1.7	2.0	5.0	81.9
2060	206.9	8.7	10.5	0.8	1.7	1.7	4.8	82.1
2061	206.9	8.9	10.3	0.8	1.7	1.5	4.7	82.3
2062	206.9	9.0	10.2	0.8	1.7	1.2	4.6	82.5
2063	206.8	9.2	10.1	0.8	1.7	0.9	4.5	82.7
2064	206.6	9.3	10.0	0.8	1.7	0.7	4.4	82.8
2065	206.4	9.5	9.9	0.8	1.7	0.4	4.2	83.0
2066	206.2	9.6	9.8	0.8	1.7	0.2	4.1	83.2
2067	205.9	9.8	9.8	0.8	1.7	0.0	4.0	83.3
2068	205.5	10.0	9.7	0.8	1.7	-0.3	4.0	83.5
2069	205.2	10.1	9.6	0.8	1.7	-0.5	3.9	83.7
2070	204.7	10.3	9.6	0.8	1.7	-0.7	3.8	83.8
2071	204.2	10.4	9.5	0.8	1.7	-1.0	3.7	84.0
2072	203.7	10.6	9.4	0.8	1.7	-1.2	3.6	84.1
2073	203.1	10.8	9.4	0.8	1.7	-1.4	3.6	84.3

(Cont'd)

Table S1. (Continued)

Year	Total population	Crude death rate	Crude birth rate	Net reproduction rate	Total fertility rate	Rate of natural increase	Infant mortality rate	Life expectancy at birth
2074	202.5	10.9	9.4	0.8	1.7	-1.6	3.5	84.4
2075	201.9	11.1	9.3	0.8	1.7	-1.7	3.4	84.6
2076	201.2	11.2	9.3	0.8	1.7	-1.9	3.3	84.7
2077	200.5	11.4	9.2	0.8	1.7	-2.2	3.3	84.9
2078	199.7	11.5	9.2	0.8	1.7	-2.3	3.2	85.0
2079	198.9	11.7	9.2	0.8	1.7	-2.5	3.2	85.2
2080	198.1	11.8	9.1	0.8	1.7	-2.7	3.1	85.3
2081	197.2	12.0	9.1	0.8	1.7	-2.9	3.0	85.4
2082	196.3	12.1	9.1	0.8	1.7	-3.1	3.0	85.6
2083	195.4	12.3	9.0	0.8	1.7	-3.2	2.9	85.7
2084	194.5	12.4	9.0	0.8	1.7	-3.4	2.9	85.8
2085	193.5	12.5	8.9	0.8	1.7	-3.6	2.8	86.0
2086	192.5	12.7	8.9	0.8	1.7	-3.8	2.8	86.1
2087	191.4	12.8	8.9	0.8	1.7	-3.9	2.8	86.2
2088	190.3	12.9	8.9	0.8	1.7	-4.0	2.7	86.4
2089	189.3	13.0	8.8	0.8	1.7	-4.2	2.7	86.5
2090	188.1	13.1	8.8	0.8	1.7	-4.3	2.6	86.6
2091	187.0	13.2	8.7	0.8	1.7	-4.4	2.6	86.7
2092	185.9	13.2	8.7	0.8	1.7	-4.6	2.6	86.9
2093	184.7	13.3	8.6	0.8	1.7	-4.7	2.5	87.0
2094	183.5	13.4	8.7	0.8	1.7	-4.7	2.5	87.1
2095	182.3	13.4	8.6	0.8	1.7	-4.8	2.5	87.2
2096	181.2	13.5	8.6	0.8	1.7	-4.9	2.4	87.4
2097	180.0	13.5	8.6	0.8	1.7	-4.9	2.4	87.5
2098	178.8	13.5	8.6	0.8	1.7	-5.0	2.3	87.6
2099	177.6	13.5	8.5	0.8	1.7	-5.0	2.3	87.7
2100	176.4	13.6	8.5	0.8	1.7	-5.0	2.3	87.9

Source: The 2022 Revision of World Population Prospects (UN, 2022).

Table S2. Population (in million and percentage) by broad age groups (aged 0–14, economically active population aged 15–59, economically inactive population aged 15–59, and aged ≥60) from 1971 to 2100

Year	Population (in million)				Population (%) ^a			
	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60
1971	30.8	20.0	14.1	3.5	45.0	29.3	20.6	5.1
1972	31.4	20.2	14.2	3.5	45.3	29.1	20.5	5.1
1973	32.3	20.7	14.5	3.6	45.4	29.0	20.4	5.1
1974	33.2	21.1	14.9	3.8	45.5	29.0	20.4	5.1
1975	33.9	21.7	15.2	3.9	45.4	29.0	20.4	5.2
1976	34.6	22.2	15.6	4.0	45.3	29.0	20.4	5.3
1977	35.3	22.7	16.0	4.2	45.2	29.1	20.4	5.3
1978	36.1	23.3	16.4	4.3	45.1	29.1	20.4	5.4

(Cont'd)

Table S2. (Continued)

Year	Population (in million)				Population (%) ^a			
	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60
1979	36.9	23.8	16.7	4.4	45.1	29.1	20.4	5.4
1980	37.8	24.4	17.1	4.6	45.1	29.0	20.4	5.5
1981	38.9	25.0	17.6	4.7	45.1	29.0	20.4	5.5
1982	39.9	25.7	18.1	4.8	45.1	29.0	20.4	5.5
1983	41.0	26.5	18.6	5.0	45.0	29.1	20.5	5.5
1984	41.9	27.3	19.2	5.1	44.8	29.2	20.5	5.4
1985	42.8	28.1	19.8	5.2	44.6	29.3	20.6	5.4
1986	43.6	29.0	20.4	5.3	44.4	29.5	20.7	5.4
1987	44.2	29.8	21.0	5.5	44.0	29.7	20.9	5.4
1988	44.8	30.7	21.6	5.6	43.6	29.9	21.0	5.4
1989	45.4	31.6	22.2	5.7	43.3	30.1	21.2	5.4
1990	46.0	32.5	22.9	5.8	42.9	30.4	21.4	5.4
1991	46.4	33.5	23.5	5.9	42.4	30.6	21.5	5.4
1992	46.7	34.4	24.2	6.0	41.9	30.9	21.7	5.4
1993	47.0	35.5	24.9	6.1	41.4	31.3	21.9	5.4
1994	47.2	36.5	25.6	6.2	40.9	31.6	22.1	5.4
1995	47.4	37.7	26.3	6.4	40.3	32.0	22.3	5.4
1996	47.6	38.7	27.0	6.5	39.7	32.3	22.6	5.4
1997	47.7	39.9	27.8	6.7	39.1	32.7	22.8	5.5
1998	47.8	41.0	28.6	6.9	38.5	33.0	23.0	5.6
1999	48.0	42.2	29.4	7.2	37.9	33.3	23.2	5.7
2000	48.2	43.4	30.2	7.4	37.3	33.6	23.4	5.8
2001	48.5	44.5	31.0	7.7	36.8	33.8	23.5	5.8
2002	48.8	45.6	31.8	8.0	36.4	34.0	23.7	5.9
2003	49.2	46.6	32.5	8.2	36.0	34.2	23.8	6.0
2004	49.4	47.6	33.2	8.5	35.6	34.3	24.0	6.1
2005	49.6	48.6	34.0	8.7	35.2	34.5	24.1	6.2
2006	49.7	49.3	34.6	9.0	34.9	34.5	24.3	6.3
2007	49.8	49.9	35.2	9.2	34.5	34.6	24.4	6.4
2008	49.8	50.5	35.6	9.4	34.2	34.7	24.5	6.5
2009	49.7	51.2	36.2	9.6	33.9	34.9	24.7	6.6
2010	49.5	52.1	36.9	9.9	33.4	35.1	24.8	6.7
2011	49.3	53.1	37.6	10.2	32.8	35.3	25.0	6.8
2012	49.0	54.2	38.4	10.6	32.2	35.6	25.2	7.0
2013	48.6	55.3	39.2	11.0	31.5	35.9	25.4	7.1
2014	48.1	56.4	40.0	11.4	30.9	36.2	25.6	7.3
2015	47.7	57.5	40.7	11.9	30.2	36.4	25.8	7.5
2016	47.2	58.7	41.6	12.4	29.5	36.7	26.0	7.8
2017	46.6	62.6	39.6	12.9	28.8	38.7	24.5	8.0
2018	46.1	63.9	40.2	13.5	28.2	39.0	24.6	8.3

(Cont'd)

Table S2. (Continued)

Year	Population (in million)				Population (%) ^a			
	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60
2019	45.6	65.0	40.8	14.1	27.6	39.3	24.7	8.5
2020	45.2	66.1	41.5	14.7	27.0	39.5	24.8	8.8
2021	44.8	67.1	42.2	15.2	26.5	39.6	24.9	9.0
2022	44.5	68.1	42.8	15.9	26.0	39.8	25.0	9.3
2023	44.2	69.0	43.3	16.5	25.5	39.9	25.1	9.5
2024	43.9	69.8	43.9	17.1	25.1	40.0	25.1	9.8
2025	43.8	70.6	44.3	17.8	24.8	40.0	25.1	10.1
2026	43.6	71.2	44.8	18.5	24.5	40.0	25.1	10.4
2027	43.6	71.8	45.1	19.2	24.2	40.0	25.1	10.7
2028	43.5	72.4	45.5	20.0	24.0	39.9	25.1	11.0
2029	43.3	72.9	45.8	20.8	23.7	39.9	25.0	11.4
2030	43.2	73.4	46.1	21.7	23.4	39.8	25.0	11.8
2031	43.0	73.8	46.4	22.6	23.2	39.7	25.0	12.2
2032	42.8	74.3	46.7	23.5	22.9	39.6	24.9	12.6
2033	42.6	74.6	46.9	24.5	22.6	39.6	24.9	13.0
2034	42.3	75.0	47.1	25.4	22.3	39.5	24.8	13.4
2035	42.0	75.4	47.4	26.4	22.0	39.4	24.8	13.8
2036	41.7	75.7	47.6	27.4	21.7	39.4	24.7	14.2
2037	41.3	76.0	47.8	28.4	21.4	39.3	24.7	14.7
2038	40.9	76.3	47.9	29.4	21.0	39.2	24.6	15.1
2039	40.5	76.5	48.1	30.5	20.7	39.1	24.6	15.6
2040	40.1	76.7	48.2	31.6	20.4	39.0	24.5	16.1
2041	39.7	76.8	48.3	32.7	20.1	38.9	24.4	16.5
2042	39.3	76.9	48.3	33.8	19.8	38.8	24.4	17.1
2043	38.9	77.0	48.4	35.0	19.5	38.6	24.3	17.6
2044	38.5	77.0	48.4	36.1	19.2	38.5	24.2	18.1
2045	38.1	77.0	48.4	37.3	19.0	38.3	24.1	18.6
2046	37.7	76.9	48.3	38.5	18.7	38.2	24.0	19.1
2047	37.4	76.8	48.2	39.7	18.5	38.0	23.9	19.6
2048	37.1	76.6	48.2	40.9	18.3	37.8	23.7	20.2
2049	36.8	76.4	48.0	42.1	18.1	37.6	23.6	20.7
2050	36.5	76.2	47.9	43.4	17.9	37.4	23.5	21.3
2051	36.2	75.9	47.7	44.6	17.7	37.1	23.3	21.8
2052	36.0	75.6	47.5	45.8	17.6	36.9	23.2	22.3
2053	35.7	75.3	47.3	47.0	17.4	36.7	23.0	22.9
2054	35.5	74.9	47.1	48.1	17.3	36.4	22.9	23.4
2055	35.3	74.5	46.8	49.3	17.1	36.2	22.7	24.0
2056	35.1	74.1	46.6	50.5	17.0	35.9	22.6	24.5
2057	34.9	73.6	46.3	51.7	16.9	35.7	22.4	25.0
2058	34.7	73.1	46.0	53.0	16.8	35.4	22.2	25.6

(Cont'd)

Table S2. (Continued)

Year	Population (in million)				Population (%) ^a			
	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60	Aged 0–14	Economically active population aged 15–59	Economically inactive population aged 15–59	Aged ≥60
2059	34.4	72.6	45.6	54.2	16.6	35.1	22.1	26.2
2060	34.2	72.0	45.3	55.4	16.5	34.8	21.9	26.8
2061	33.9	71.4	44.9	56.6	16.4	34.5	21.7	27.4
2062	33.7	70.9	44.5	57.8	16.3	34.2	21.5	28.0
2063	33.4	70.2	44.1	59.0	16.1	34.0	21.3	28.5
2064	33.1	69.6	43.8	60.2	16.0	33.7	21.2	29.1
2065	32.8	69.1	43.4	61.2	15.9	33.5	21.0	29.6
2066	32.5	68.5	43.0	62.2	15.7	33.2	20.9	30.2
2067	32.2	68.0	42.7	63.1	15.6	33.0	20.7	30.6
2068	31.8	67.5	42.4	63.9	15.5	32.8	20.6	31.1
2069	31.5	67.0	42.1	64.6	15.4	32.6	20.5	31.5
2070	31.2	66.5	41.8	65.2	15.2	32.5	20.4	31.8
2071	30.9	66.1	41.5	65.7	15.1	32.4	20.3	32.2
2072	30.6	65.7	41.3	66.1	15.0	32.3	20.3	32.5
2073	30.3	65.3	41.0	66.5	14.9	32.1	20.2	32.8
2074	30.0	64.9	40.8	66.9	14.8	32.0	20.1	33.0
2075	29.7	64.4	40.5	67.3	14.7	31.9	20.1	33.3
2076	29.5	64.0	40.2	67.6	14.6	31.8	20.0	33.6
2077	29.2	63.5	39.9	67.9	14.6	31.7	19.9	33.9
2078	28.9	63.0	39.6	68.1	14.5	31.6	19.8	34.1
2079	28.7	62.5	39.3	68.4	14.4	31.4	19.8	34.4
2080	28.5	62.0	39.0	68.7	14.4	31.3	19.7	34.7
2081	28.2	61.5	38.6	68.9	14.3	31.2	19.6	34.9
2082	28.0	60.9	38.3	69.1	14.3	31.0	19.5	35.2
2083	27.8	60.4	38.0	69.3	14.2	30.9	19.4	35.4
2084	27.6	59.9	37.6	69.4	14.2	30.8	19.3	35.7
2085	27.4	59.3	37.3	69.6	14.1	30.6	19.3	36.0
2086	27.1	58.7	36.9	69.7	14.1	30.5	19.2	36.2
2087	26.9	58.2	36.6	69.7	14.1	30.4	19.1	36.4
2088	26.7	57.6	36.2	69.8	14.0	30.3	19.0	36.7
2089	26.5	57.1	35.9	69.8	14.0	30.2	19.0	36.9
2090	26.2	56.6	35.6	69.8	13.9	30.1	18.9	37.1
2091	26.0	56.1	35.2	69.7	13.9	30.0	18.8	37.3
2092	25.8	55.5	34.9	69.6	13.9	29.9	18.8	37.5
2093	25.5	55.0	34.6	69.5	13.8	29.8	18.7	37.6
2094	25.3	54.5	34.3	69.4	13.8	29.7	18.7	37.8
2095	25.1	54.1	34.0	69.2	13.8	29.6	18.6	38.0
2096	24.8	53.6	33.7	69.0	13.7	29.6	18.6	38.1
2098	24.4	52.7	33.1	68.6	13.6	29.5	18.5	38.4
2099	24.1	52.2	32.8	68.4	13.6	29.4	18.5	38.5
2100	23.9	51.8	32.5	68.1	13.6	29.4	18.5	38.6

Note: ^a Percentage may not add up to 100 due to rounding.

Source: Authors' calculations based on data from the 2022 Revision of World Population Prospects (UN, 2022), the World Bank (WB, 2020), and the International Labor Organization, Department of Statistics (ILOSTAT, 2020).

Table S3. Percentage of male and female population by 5-year age group in Bangladesh in 2020 and 2037

Age group	2020				2037			
	% Male (for 15–59 age group, % economically active males)	% Economically inactive male	% Female (for 15–59 age group, % economically active females)	% Economically inactive female	% Male (for 15–59 age group, % economically active males)	% Economically inactive male	% Female (for 15–59 age group, % economically active females)	% Economically inactive female
0–4	9.02	-	8.48	-	7.07	-	6.52	-
5–9	8.98	-	8.52	-	7.45	-	6.87	-
10–14	9.70	-	9.27	-	7.72	-	7.13	-
15–19	4.18	6.10	1.82	8.02	3.15	4.59	1.32	5.83
20–24	7.21	2.49	3.19	6.19	5.58	2.25	2.39	4.65
25–29	8.33	0.53	3.80	4.88	7.15	0.53	3.19	4.10
30–34	7.93	0.17	3.92	4.26	8.00	0.20	3.79	4.12
35–39	6.93	0.17	3.79	3.80	7.88	0.22	3.92	3.94
40–44	5.91	0.17	3.13	3.56	7.16	0.24	3.40	3.87
45–49	5.19	0.17	2.61	3.24	6.61	0.26	3.07	3.81
50–54	4.35	0.25	1.75	2.95	5.68	0.38	2.39	4.02
55–59	3.37	0.33	1.20	2.60	4.64	0.53	1.81	3.94
60–64	3.04	-	3.23	-	4.24	-	4.91	-
65–69	2.28	-	2.39	-	3.49	-	3.96	-
70–74	1.46	-	1.50	-	2.53	-	2.85	-
75–79	0.95	-	1.00	-	1.68	-	2.10	-
80–84	0.51	-	0.57	-	0.96	-	1.31	-
85–89	0.20	-	0.25	-	0.37	-	0.56	-
90–94	0.05	-	0.08	-	0.11	-	0.19	-
95–99	0.01	-	0.01	-	0.01	-	0.04	-
100 and above	0.00	-	0.00	-	0.00	-	0.00	-
Total ^a	89.62	10.39	60.50	39.50	91.46	9.21	61.72	38.28

Note: ^a Percentage may not add up to 100 due to rounding.

Source: Authors' calculations based on data from the 2022 Revision of World Population Prospects (UN, 2022), the World Bank (WB, 2020), and the International Labor Organization, Department of Statistics (ILOSTAT, 2020).

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