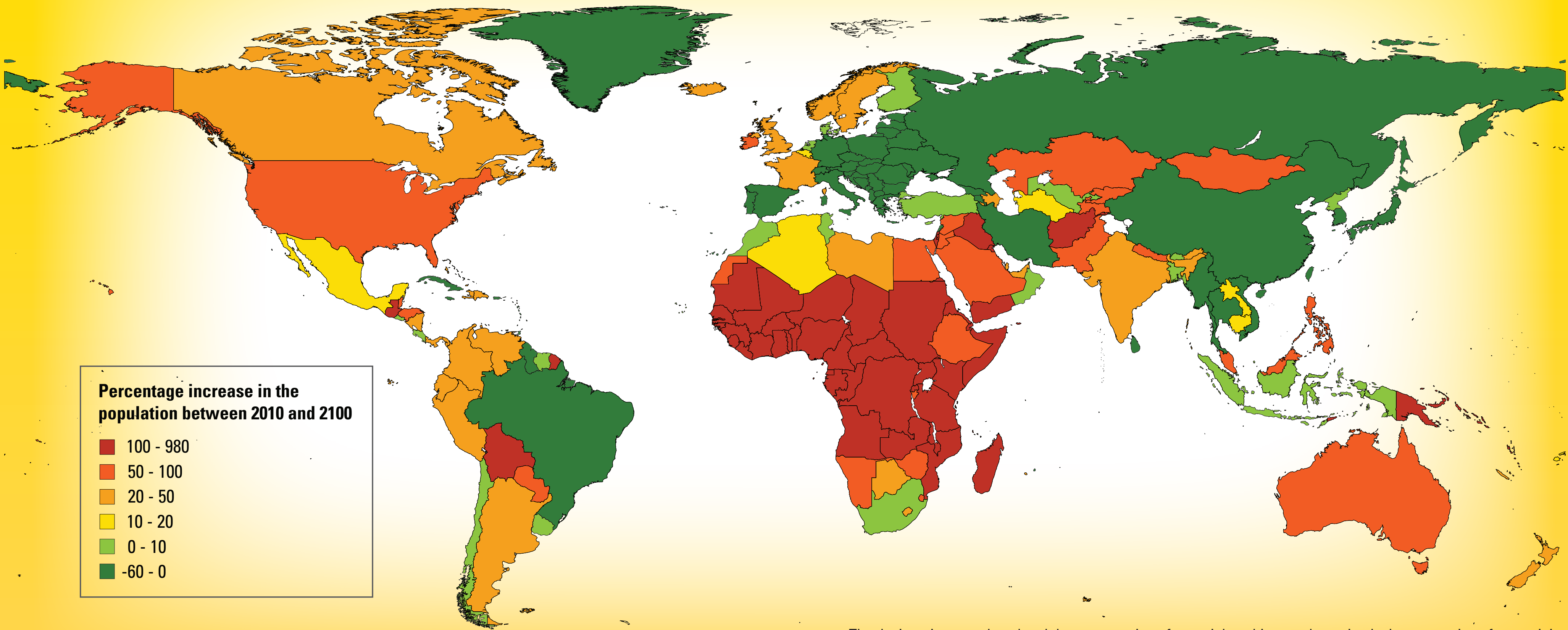




World Population 2010

	Mid-year population (thousands)			Population density (population per sq km)	Percentage urban	Average annual rate of population change (percent age)	Crude birth rate (births per 1,000 population)	Crude death rate (deaths per 1,000 population)	Total fertility (children per woman)	Percentage of births to women under age 20 among births to women aged 15-49	Life expectancy at birth (years)	Under-five mortality (deaths under age 5 per 1,000 live births)	Percentage of population	
Country or area	2011	2050	2100										Mid-2011	Mid-2111
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
World	6 974 036	9 306 128	10 124 926	51	51	1.2	20	8	2.5	12	68	66	27	11
More developed regions ^a	1 240 380	1 311 731	1 334 786	23	75	0.4	11	10	1.7	7	77	8	17	22
Less developed regions ^b	5 733 657	7 994 397	8 790 140	69	46	1.3	22	8	2.7	13	66	72	29	9
Least developed countries ^c	851 103	1 726 468	2 690 518	41	30	2.2	34	11	4.4	16	57	125	40	5
Other less developed countries ^d	4 882 553	6 267 928	6 099 623	79	48	1.2	20	8	2.4	12	68	57	27	10
Less developed regions, excluding China	4 355 151	6 668 507	7 825 179	59	45	1.6	25	8	3.0	15	64	80	32	8
Sub-Saharan Africa ^e	877 567	1 960 102	3 358 050	36	38	2.5	38	13	5.1	16	53	136	42	5
Africa	1 045 923	2 191 599	3 574 141	35	40	2.3	36	12	4.6	15	55	125	40	6
Eastern Africa	332 536	779 613	1 414 284	52	24	2.5	38	12	5.1	15	54	116	43	5
Burundi	8 575	13 703	14 587	308	11	2.9	34	15	4.7	3	49	164	38	5
Comoros	754	1 700	3 047	405	28	2.7	39	9	5.1	7	60	100	43	4
Djibouti	906	1 620	1 923	39	76	1.9	29	10	4.0	4	57	115	35	6
Eritrea	5 415	11 568	15 496	46	22	3.2	38	8	4.7	10	60	72	42	4
Ethiopia	84 734	145 187	150 140	77	17	2.2	33	10	4.6	12	57	113	41	5
Kenya	41 610	96 887	160 009	72	23	2.6	38	11	4.8	15	55	101	42	4
Madagascar	21 315	53 561	94 222	36	31	2.9	36	7	4.8	20	66	64	43	4
Malawi	15 381	49 719	129 502	130	20	3.0	44	14	6.0	15	52	136	46	5
Mauritius ¹	1 307	1 367	1 157	640	42	0.7	13	7	1.7	11	73	15	21	11
Mayotte	211	493	688	563	50	3.1	34	3	4.3	15	77	6	47	3
Mozambique	23 930	50 192	77 347	30	39	2.4	39	15	5.1	20	49	141	44	5
Réunion	856	1 083	1 086	341	94	1.2	18	6	2.4	10	77	6	25	12
Rwanda	10 943	26 003	42 316	415	19	2.9	41	12	5.4	5	54	128	43	4
Seychelles	87	91	73	191	56	0.7	...	...	...	...	...	...	...	...
Somalia	9 557	28 217	72 976	15	38	2.2	44	15	6.4	8	50	174	45	4
Uganda	34 509	94 259	171 190	143	13	3.2	46	13	6.4	18	52	126	48	4
United Republic of Tanzania ²	46 218	138 312	316 338	49	27	2.9	42	11	5.6	17	55	101	45	5
Zambia	13 475	45 037	140 348	18	36	2.7	45	17	6.2	18	47	156	47	5
Zimbabwe	12 754	20 614	21 838	33	39	0.0	29	15	3.5	14	47	94	38	6
Middle Africa	129 981	278 350	396 869	20	44	2.7	43	16	5.7	22	49	181	45	5
Angola	19 618	42 334	56 052	16	59	2.9	44	15	5.8	21	50	170	46	4
Cameroon	20 030	38 472	53 693	42	59	2.2	37	15	4.7	19	50	152	41	5
Central African Republic	4 487	8 392	10 954	7	39	1.8	36	18	4.8	17	46	173	40	6
Chad	11 525	27 252	43 648	9	28	2.7	46	17	6.2	19	49	209	45	5
Congo	4 140	8 801	14 224	12	63	2.7	36	12	4.6	17	56	114	41	6
Dem. Republic of the Congo	67 758	148 523	212 113	29	36	2.8	45	17	6.1	24	47	192	46	4
Equatorial Guinea	720	1 493	2 054	26	40	2.8	37	15	5.4	17	50	167	39	4
Gabon	1 534	2 784	3 776	6	86	1.9	27	9	3.4	18	61	77	35	7
São Tomé and Príncipe	169	299	356	175	63	1.6	32	8	3.9	11	64	76	40	5
Northern Africa	212 988	322 458	343 712	25	52	1.7	24	6	3.0	7	69	50	31	8
Algeria	35 980	46 522	39 983	15	67	1.5	21	5	2.4	2	72	32	27	7
Egypt	82 537	123 452	123 227	82	44	1.8	24	5	2.9	10	72	30	31	8
Libyan Arab Jamahiriya	6 423	8 773	8 073	4	78	1.9	24	4	2.7	1	74	17	31	7
Morocco	32 273	39 200	33 068	72	59	1.0	20	6	2.4	4	71	38	28	8
Sudan ³	44 632	90 962	127 621	18	41	2.5	34	9	4.6	9	60	98	40	6
Tunisia	10 594	12 649	10 891	65	68	1.1	17	6	2.0	2	74	26	23	10
Western Sahara	548	901	848	2	82	3.7	23	6	2.7	4	66	56	28	4
Southern Africa	58 212	67 327	65 369	22	59	1.0	23	15	2.6	14	51	80	31	7
Botswana	2 031	2 503	2 476	3	62	1.4	24	13	2.9	12	53	58	32	6
Lesotho	2 194	2 788	2 874	72	28	1.0	29	17	3.4	16	46	115	37	6
Namibia	2 324	3 599	3 728	3	39	1.9	27	9	3.4	15	61	53	36	6
South Africa	50 460	56 757	54 477	41	62	1.0	22	15	2.6	14	51	79	30	8
Swaziland	1 203	1 679	1 813	69	21	1.4	30	15	3.6	18	47	113	38	5
Western Africa	312 205	743 850	1 353 906	51	45	2.6	40	14	5.5	16	52	148	43	5
Benin	9 100	21 734	36 752	81	42	3.0	41	12	5.5	15	55	136	44	5
Burkina Faso	16 968	46 721	96 367	62	27	3.0	44	13	5.9	15	54	167	45	4
Cape Verde	501	632	520	124	62	2.0	22	5	2.6	22	74	24	31	7
Côte d'Ivoire	20 153	40 674	56 412	62	51	1.8	35	13	4.6	20	53	122	41	6
Gambia	1 776	4 036	6 084	157	59	2.8	39	10	5.1	11	57	105	44	3
Ghana	24 966	49 107	67 230	105	52	2.4	33	8	4.3	11	63	74	38	6
Guinea	10 222	23 006	36 664	42	36	2.0	40	14	5.5	21	52	150	43	5
Guinea-Bissau	1 547	3 185	5 518	43	30	2.0	39	17	5.3	15	47	198	41	5
Liberia	4 129	9 660	16 535	37	48	4.5	41	12	5.4	18	54	126	43	4
Mali	15 840	42 130	80 506	13	37	3.1	48	15	6.5	21	50	193	47	4
Mauritania	3 542	7 085	10 434	3	42	2.5	35	10	4.7	12	58	119	40	4
Niger	16 069	55 435	139 209	13	17	3.5	49	14	7.2	22	53	164	49	4
Nigeria	162 471	389 615	729 885	176	51	2.5	40	15	5.6	15	50	156	43	5
Saint Helena ⁴	4	4	3	33	40	-2.2	...	...	...	...	...	...	...	...
Senegal	12 768	28 607	44 075	65	43	2.7	39	10	5.0	15	58	96	44	4
Sierra Leone	5 997	11 088	14 154	84	39	2.6	41	17	5.2	19	46	174	43	4
Togo	6 155	11 130	13 558	108	44	2.2	33	11	4.3	11	56	116	39	5
Asia ⁵	4 207 448	5 142 220	4 596 224	132	43	1.1	19	7	2.3	11	69	54	26	10
Eastern Asia ⁵	1 580 646	1 511 963	1 122 895	134	51	0.5	12	7	1.6	3	74	24	19	14
China ⁶	1 347 565	1 295 604	941 042	140	48	0.5	13	7	1.6	3	73	26	19	13
China, Hong Kong SAR ⁷	7 122	9 305	10 355	6 481	100	0.7	8	6	1.0	1	82	3	11	19
China, Macao SAR ⁸	556	824	810	21 374	100	2.4	9	4	1.0	1	80	6	13	12
Dem. People's Rep. of Korea	24 451	26 382	24 552	203	60	0.5	15	10	2.1	0	68	35	22	14
Japan	126 497	108 549	91 330	335	67	0.0	9	9	1.3	1	83	4	13	31
Mongolia	2 800	4 093	4 831	2	63	1.6	23	7	2.5	5	67	44	28	6
Republic of Korea	48 391	47 050	37 221	486	83	0.5	10	5	1.3	1	80	5	16	16
South-Central Asia ⁹	1 754 622	2 137 252	2 493 681	163	32	1.5	24	8	2.8	13	64	82	32	7
Central Asia	61 442	81 799	80 783	15	42	1.1	23	8	2.6	5	66	53	29	7
Kazakhstan	16 207	21 210	24 876	6	59	1.1	21	11	2.5	7	66	33	25	10
Kyrgyzstan	5 393	7 768	9 258	27	35	1.1	24	8	2.7					

World Map: Population growth by country



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World Population Prospects: The 2010 Revision
WORLD POPULATION TO REACH 10 BILLION BY 2100 PROVIDED 72 PER CENT
OF THE POPULATION LIVES IN COUNTRIES WITH BELOW-REPLACEMENT FERTILITY BY 2050

The current world population of 7 billion is projected to reach 9.3 billion in 2050 and 10.1 billion in 2100 according to the medium variant of the *2010 Revision of World Population Prospects*, the official United Nations population projections prepared by the Population Division of the Department of Economic and Social Affairs. Much of this increase is projected to come from the 58 high-fertility countries.

Small variations in fertility can produce major differences in the size of populations over the long run. The high projection variant, whose fertility remains just half a child above that in the medium variant, produces a world population of 10.6 billion in 2050 and 15.8 billion in 2100. The low variant, whose fertility remains half a child below that of the medium, produces a population that reaches 8.1 billion in 2050 and declines towards the second half of this century to reach 6.2 billion in 2100. The population projections to 2050 vary over a narrower range than those to 2100 because people who will be 40 years or older in 2050 have already been born.

The world population still has a high potential to grow by large amounts. According to the medium variant, the eighth billion will be added in just 13 years, the ninth in 18 years and the tenth in 40 years. According to the high variant, an additional billion would be added every 10 or 11 years during most of this century.

Current fertility levels vary markedly among countries. Today, 42 per cent of the world population lives in low-fertility countries, that is, countries where women are not having enough children to ensure that, on average, each woman is replaced by a daughter who survives to the age of procreation. Another 40 per cent lives in intermediate-fertility countries where each woman is having, on average, between 1.0 and 1.5 daughters who will survive to the age of procreation, and the remaining 18 per cent lives in high-fertility countries where women have on average more than 1.5 daughters who will survive to the age of procreation.

High-fertility countries are mostly concentrated in Africa (39 out of the 55 countries in the continent have high fertility), but there are also nine in Asia, six in Oceania and four in Latin America. Low-fertility countries include all countries in Europe except Iceland and Ireland, 19 out of the 51 in Asia, 14 out of the 39 in the Americas, two in Africa (Mauritius and Tunisia) and one in Oceania (Australia). The rest are intermediate-fertility countries.

Countries as varied as China, Brazil, the Russian Federation, Japan, Viet Nam, Germany, the Islamic Republic of Iran, Thailand and France, in order of population size, account for 75 per cent of the population living in low-fertility countries. Three-quarters of the population living in the intermediate-fertility countries is located in India, the United States of America, Indonesia, Bangladesh, Mexico and Egypt, in order of population size; and Pakistan, Nigeria, the Philippines, Ethiopia, the Democratic Republic of the Congo, the United Republic of Tanzania, Sudan, Kenya, Uganda, Iraq, Afghanistan, Ghana, Yemen, Mozambique and Madagascar, in order of population size, account for 75 per cent of the population of high-fertility countries.

The highest potential for future population growth is in high-fertility countries. Between 2011 and 2100, according to the medium variant, the population of the high-fertility countries would more than triple, passing from 1.2 billion to 4.2 billion. During the same period, the population of the intermediate-fertility countries would increase by just 26 per cent, from 2.8 billion to 3.5 billion, while that of the low-fertility countries would decline by about 20 per cent, from 2.9 billion to 2.4 billion.

Whereas the populations of both the low-fertility countries and the intermediate-fertility countries are projected to peak before the end of the century, that of the high-fertility countries would

continue to increase during the whole period. According to the medium variant, the population of the low-fertility countries would reach a maximum around 2030 at 3.1 billion and that of the intermediate-fertility countries would peak around 2065 at 3.8 billion. Among the low-fertility countries, China is expected to see its population reach a maximum around 2030 at 1.4 billion and that of Europe is projected to peak around 2020 at 0.74 billion. Among the intermediate-fertility countries, India's population would peak around 2060 at 1.7 billion.

By the turn of the century, only the population of high-fertility countries would still be increasing. According to the medium variant, in 2095-2100, the populations of both the low-fertility countries and the intermediate-fertility countries would be declining at a rate of approximately 0.3 per cent per year. In sharp contrast, the population of the high-fertility countries would still be increasing at a rate of 0.5 per cent per year.

The realization of these projections hinges on meeting the assumptions made about the future evolution of fertility. In the 2010 Revision, a probabilistic model was used to derive the future path of fertility in the medium variant. The model assumes an initial distribution of its stochastic component, which is modified later on the basis of information on past fertility trends. In this process, account is taken of past fertility trends in the country whose fertility is being projected plus the past experience of all other countries in the world. The model was used to generate 100,000 trajectories for future fertility for each country and the median values of those trajectories determined the fertility path used in preparing the medium-variant projection. The model incorporated the additional assumption that, over the very long run, fertility levels would converge to 2.1 children per woman, a level which produces on average one daughter who survives to the age of procreation per woman when mortality is low. At the global level, world fertility reaches replacement level in 2035-2040 in the medium variant and remains below replacement level for the rest of the century.

The future fertility paths in the medium variant differ markedly among the groups of countries classified by fertility level. For high-fertility countries, future fertility in the medium variant drops from 4.9 children per woman in 2005-2010 to 2.8 in 2045-2050 and reaches 2.1 children per woman in 2095-2100, implying that fertility remains above replacement level until 2095. For intermediate-fertility countries, average fertility drops from 2.6 children per woman in 2005-2010 to 1.8 in 2045-2050, reaches a minimum around 2060 and then recuperates slowly to reach 1.9 children per woman in 2095-2100. For low-fertility countries, fertility increases over the projection period rising from 1.6 children per woman in 2005-2010 to 1.8 in 2045-2050 and to 2.0 in 2095-2100. Despite this increase, average fertility in the low-fertility countries remains below replacement level over the whole projection period.

Small differences in fertility levels sustained over long periods have a major impact on the future size of the population. The low and high variants differ from the medium variant in that their fertility remains half a child below and half a child above that of the medium variant, respectively, during 2010-2100. As a result, they produce smaller and larger populations than the medium variant and the difference between the two increases over time. In 2050, for instance, the difference between the population projected by the high and low variants for the high-fertility countries amounts to 0.6 billion (2.96 billion vs. 2.32 billion), but by 2100 that difference expands to 3.3 billion (6.1 billion vs. 2.8 billion). Consequently, if the high-fertility countries of today fail to achieve the reductions of fertility projected in the medium variant, they may well see their overall population increase four or five-fold by the turn of the century instead of just tripling. Even with the reductions of fertility projected in the medium variant, the population of 34 of the 58 high-fertility countries would triple by 2100.

For the intermediate-fertility countries, the difference between the population produced by the high and low variants is also large, amounting to 1.1 billion in 2050 (4.3 billion in the high variant vs. 3.2 billion in the low variant) and grows to 3.8 billion in 2100 (5.8 billion vs. 2.0 billion).

Although the fertility of the intermediate-fertility countries has dropped markedly since the late 1960s (from 5.3 to 2.6 children per woman in 2005-2010), there is considerable uncertainty about whether all of them will continue to reduce their fertility to below-replacement level, as projected in the medium variant. If fertility for the intermediate-fertility countries remains above replacement level, they might still experience a doubling of their population by 2100, as projected in the high variant. The reduction of population projected by the low variant would result from very deep reductions of fertility, to well below 1.5 children per woman.

For the low-fertility countries, fertility in the medium variant is projected to increase very slowly. This trend is consistent with the upward trend observed in many low-fertility countries in recent years. The future population of low-fertility countries is projected to range between 2.6 billion and 3.3 billion in 2050 and between 1.3 billion and 3.9 billion in 2100. The high values would be reached if the future fertility of low-fertility countries would rise above replacement level while still remaining generally below 2.5 children per woman. The low values would result from maintaining fertility well below 1.6 children per woman from 2010 to 2100. The persistence of very low fertility levels in the low-fertility countries would speed up population ageing and reductions of their populations.

Life expectancy is projected to increase in the three groups of countries considered. In 2005-2010, average life expectancy at birth was lowest among the high-fertility countries, at 56 years, mainly because many of them have generalized HIV/AIDS epidemics. Nevertheless, given the advances made in reducing the spread of the disease and in expanding the coverage of antiretroviral treatment, the projections assume a continued decline in mortality rates from HIV/AIDS as well as from other major causes of death. Therefore, the expectation of life among high-fertility countries rises to 69 years in 2045-2050 and to 77 in 2095-2100.

Among the intermediate-fertility countries, average life expectancy was 68 years in 2005-2010 and is projected to rise to 77 years in 2045-2050 and to 82 in 2095-2100. Low-fertility countries tend to have, as a group, the highest average life expectancy. It was estimated at 74 years in 2005-2010 and is projected to rise to 80 years in 2045-2050 and to 86 years in 2095-2100. Globally, life expectancy is projected to increase from 68 years in 2005-2010 to 81 in 2095-2100.

Because declining fertility and increasing longevity lead to population ageing, population ageing is fastest in the low-fertility countries. Today, 11 per cent of the population of low-fertility countries is aged 65 years or over and just 34 per cent is under age 25. By 2050, according to the medium variant, 26 per cent of their population will be aged 65 or over and just 24 per cent will be below age 25. However, because fertility is projected to increase over the projection period, by 2100 the proportion under 25 increases to 27 per cent and the proportion aged 65 or over rises by barely 2 percentage points to reach 28 per cent.

Population ageing is slower among the intermediate-fertility countries, but it results in a similar age structure of the population in 2100 as that of the low-fertility countries. The proportion of the population under age 25 passes from 47 per cent in 2010 to 26 per cent in 2100 and the proportion aged 65 or over rises from 6 per cent in 2010 to 26 per cent in 2100.

Population ageing is slowest among the high-fertility countries, which still have a very young population. In 2010, 62 per cent of their population was under age 25 and that proportion is projected to decline markedly to reach 48 per cent in 2050 and 35 per cent in 2100. At the same time, the proportion aged 65 or over is projected to rise from just over 3 per cent in 2010 to 6 per cent in 2050 and to 16 per cent in 2100.

For the full results of *World Population Prospects: The 2010 Revision*, visit www.unpopulation.org

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World Population 2010

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Population Division

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Enquiries should be directed to:
Director, Population Division
Department of Economic and Social Affairs
United Nations, New York, NY 10017, USA
Fax number: 1 212 963 2147

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