

External Assessment 2024

GEOGRAPHY

GGY315120

Pages: 12

Questions: 12

Answer Booklets: 5

Attachments: 2

Preparation time for this exam: 15 minutes

Suggested working time: 3 hours

Instructions:

- There are **four (4)** sections to this exam paper.
- You must answer the following for each section:
 - **Section A** – answer **both** questions
 - Question 1 answered in **one (1) separate answer booklet** and
 - Question 2 answered in **one (1) separate answer booklet**
 - **Section B** – answer **both** questions
 - **Section C** – answer **all** questions
 - **Section D** – answer **one (1)** question in **essay form**.
- Answer each section in a **separate answer booklet** and write the question number you are answering on the front cover of each answer booklet.
- The exam is **three (3) hours** in length. The suggested working time for each section is **approximately 45 minutes**.
- All answers must be written in **English**.
- You **must** make sure your answers address the listed criteria.

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Guide to Exam Structure

		Questions available	Questions to answer	Suggested working time	Marks available
Section	A	2	2	45 minutes	All criteria are assessed using extended ratings of A+ to z
Section	B	2	2	45 minutes	
Section	C	3	3	45 minutes	
Section	D	5	1	45 minutes	
Totals		12	8	180 minutes (3 hours)	

Criteria

You **must** make sure your answers address:

- Criterion 3 communicate geographical ideas and information
- Criterion 4 identify and apply geographical concepts to geographical phenomena
- Criterion 5 identify geographical processes and their relation to geographical change
- Criterion 6 identify geographical issues or challenges and possible solutions.

Section A

- Answer **both** questions in this section.
 - Use a **separate answer booklet** for **each** question in this section.
 - The suggested working time for this section is **approximately 45 minutes**.
 - This section assesses **Criteria 4** and **6**.
 - You must **refer** to both the Information Sheet: **Infant Mortality Rates 2021 (Figure 1)** and the **Data Sheet: World Population Data (2023)** when answering Question 1.
-

Question 1 (suggested time: 25 minutes)

- a) Describe the pattern of Infant Mortality Rates, shown on the World Map on the **Information Sheet: Infant Mortality Rates 2021 (Figure 1)**, with reference to the level of economic development and human wellbeing in specific regions and countries.
- b) Using the **Data Sheet: World Population Data (2023)**, identify **one (1)** country with a high Infant Mortality Rate and **one (1)** country with a low Infant Mortality Rate and record those statistics in a clearly labelled table. For each selected country, choose **two (2)** other vital rates from the **Data Sheet** and give reasons to explain how they indicate the level of economic development and human wellbeing for each country.

Question 2 (suggested time: 20 minutes)

- a) Describe **two (2)** challenges facing rural **and/or remote** Australia.
- b) Suggest **one (1)** possible solution or program that could be implemented to address **one (1)** of these challenges.
- c) Assess the probable outcome of this action over time.

Section B

- Answer **both** questions in Section B.
 - Use a **separate answer booklet** for this section.
 - The suggested working time for this section is **approximately 45 minutes**.
 - This section assesses **Criteria 4 and 5**.
-

Question 3

Explain the nature and extent of anthropogenic climate change and describe **two (2)** impacts of this process for the world's peoples and environments. Refer to **one (1)** example from a More Developed Country (MDC) and **one (1)** from a Less Developed Country (LDC).

Question 4

Human activity is changing the world's land cover in a variety of ways.

Describe the nature and consequence (social and environmental) of **one (1)** form of human action on land cover using a specific example from a country of your choice.

Section C

- Answer **all** questions in this section.
 - Use a **separate answer booklet** for this section.
 - The suggested working time for this section is **approximately 45 minutes**.
 - This section assesses **Criteria 3 and 5**.
-

Question 5 (15 minutes)

Explain how improved transport and enhanced/new technology have contributed to the process of globalisation.

Question 6 (15 minutes)

World cities are important as major centres for cultural and economic change in the modern world.

Explain how and why **one (1)** world city is important for cultural change and how **another** world city is important for economic change.

Question 7 (15 minutes)

Discuss the trends/shifts in cultural influence and global economic power in specific regions **and/or** countries of the world that have occurred in the past decade.

Section D

- Answer **one (1)** question in Section D in **essay form**.
 - Use a **separate answer booklet** for this section.
 - The suggested working time for this section is **approximately 45 minutes**.
 - This section assesses **Criteria 3 and 6**.
-

Question 8

Choose **one (1)** megacity located in a Less Developed Country (LDC) and explain why that city has grown. Describe **two (2)** major challenges that have arisen because of this growth. Discuss strategies that have been undertaken in your chosen megacity to address these challenges. Evaluate the effectiveness of these strategies including the likelihood of success.

OR

Question 9

Choose **one (1)** of the following:

- Glacier and ice sheet retraction.
- Rising sea levels leading to land cover loss.
- Cropland/pasture loss **and/or** degradation or desertification.
- Coral reef loss and/or degradation.

Explain how anthropogenic climate change is contributing to **one (1)** of the issues listed above. Describe some important impacts of that process. Describe local and/or international initiatives that have been put in place to address these impacts and evaluate their effectiveness.

OR

Question 10

Choose **one (1)** of the following:

- deforestation
- the expansion/intensification of agriculture
- rangeland modification
- land and soil degradation
- irrigation
- land drainage
- land reclamation
- urban expansion
- mining.

With reference to specific examples, describe the negative environmental impacts of **one (1)** form of human-induced land cover change from the list above. Explain **one (1)** existing program that has been introduced to reduce those impacts. Evaluate the effectiveness of that program now and in terms of future sustainability.

OR

Question 11

Choose **one (1)** of the following:

- A mineral ore or fossil-based energy resource.
- A food or fibre-based commodity.
- A complex manufactured commodity.
- A commodity typical of the 'weightless' or service-based commodity.

Using specific examples, describe the changing distribution of production and consumption of **one (1)** of the commodities, goods or services listed above. Evaluate the social, economic and geopolitical implications of these changes both now and into the future.

OR

Question 12

Choose **one (1)** of the following cultural elements:

- fashion
- a sport or leisure activity
- music
- religion
- language
- architecture
- political ideas.

Using specific examples, describe the geographical spread and distribution of **one (1)** cultural element from the list above. Explain how globalisation and advances in communication and transport have influenced this pattern. Evaluate some of the economic, social, or geopolitical implications of this pattern now and into the future.

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GEOGRAPHY

GGY315120

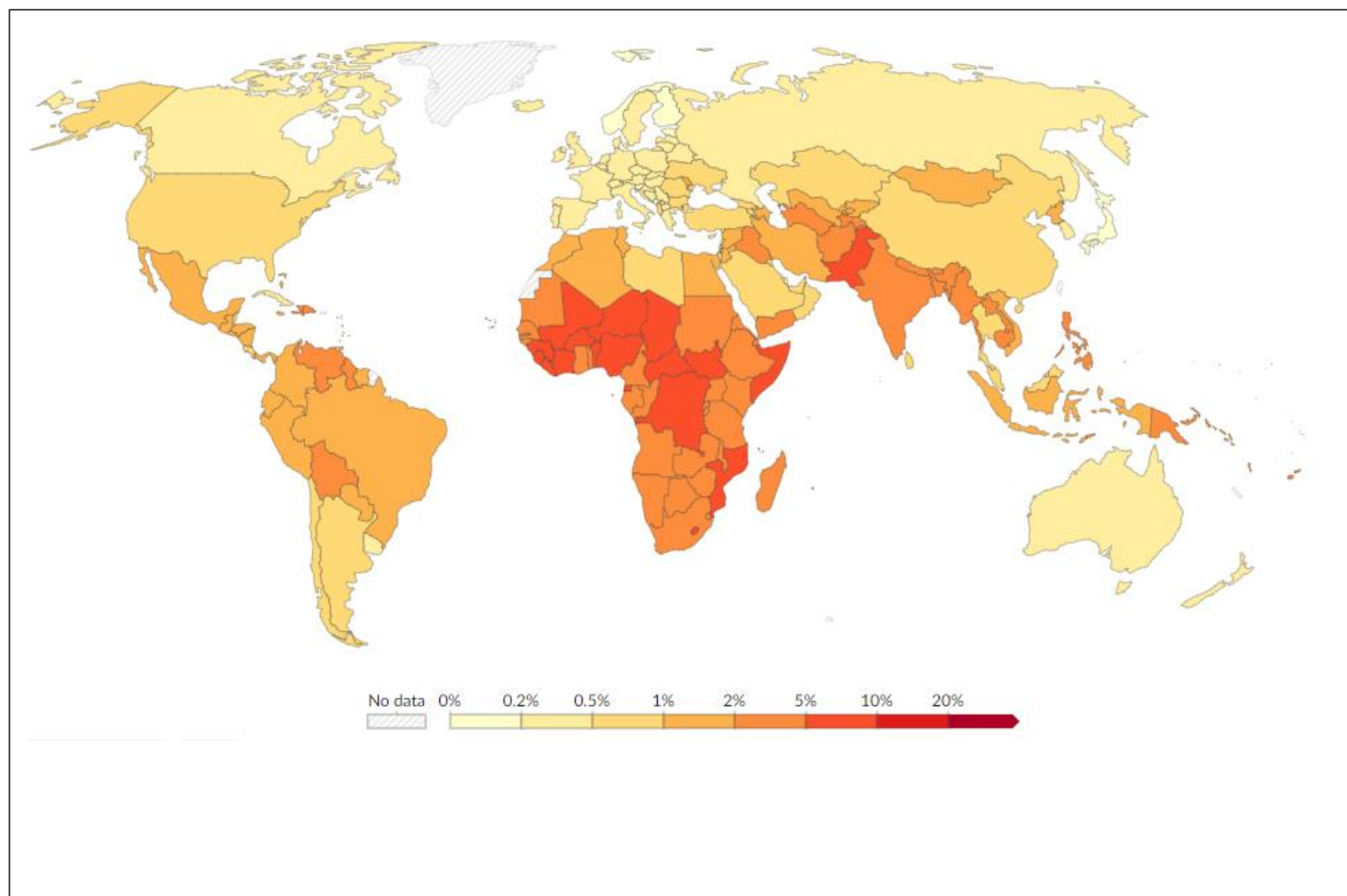
Information Sheet

Figure 1: Infant Mortality Rates 2021

Source: Our World in Data

Figure 1: Infant Mortality Rate 2021

Infant Mortality Rate



Source: <https://ourworldindata.org/>

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Data Sheet

World Population Data (2023)

Source: 2023 Population Reference Bureau

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WORLD

																	CLIMATE VULNERABILITY AND RESILIENCE									
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates	
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+				
WORLD	8,009	17	8	0.9	0	8,901	9,796	2.2	63	55	72	70	75	20,510	2,203	-2	8,660,000	57	—	—	25	10	29	—	—	
More Developed	1,276	9	12	-0.2	2	1,299	1,306	1.5	67	59	78	75	81	56,361	690	-25	599,000	80	—	8	16	20	4	—	1.0	
Less Developed	6,733	18	8	1.1	-0	7,602	8,491	2.4	62	55	71	69	73	13,570	2,489	2	8,061,000	53	—	—	27	8	31	—	—	
Least Developed	1,152	32	7	2.5	-1	1,500	1,970	4.1	39	34	65	63	67	3,658	984	5	4,536,000	36	57	59	39	4	42	61	—	
High Income	1,252	9	10	-0.1	6	1,297	1,325	1.5	—	—	80	77	83	60,988	8,452	-17	—	82	—	7	16	19	4	—	1.2	
Middle Income	6,003	16	8	0.9	-1	6,593	7,116	2.1	—	—	72	70	74	14,261	1,073	1	3,643,000	55	—	—	25	9	27	—	—	
Upper-Middle Income	2,780	11	8	0.3	1	2,867	2,858	1.5	—	—	76	74	78	21,086	1,066	-6	453,000	69	—	—	20	12	11	—	—	
Lower-Middle Income	3,223	22	8	1.4	-2	3,726	4,258	2.6	—	—	69	67	70	8,294	1,080	6	3,190,000	43	43	—	30	6	35	—	1.3	
Low Income	722	35	8	2.7	0	973	1,315	4.6	—	—	63	61	66	2,202	774	3	—	35	62	69	42	3	45	—	—	



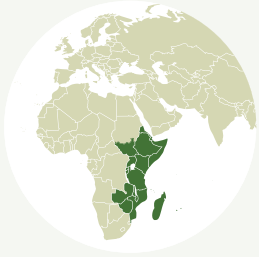
NORTHERN AFRICA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Un-employment Rates
																					Ages <15	Ages 65+			
AFRICA	1,453	32	8	2.4	-0	1,896	2,487	4.3	36	32	63	61	65	5,645	879	3	—	45	46	59	40	3	44	53	1.6
NORTHERN AFRICA	256	23	6	1.7	-1	304	360	3.0	50	46	73	71	75	11,702	1,695	10	—	53	19	32	33	5	23	65	—
Algeria	46.8	24	5	1.9	-1	53.7	61.5	3.0	54	45	78	77	79	12,930	621	3	1,500	75	13	19	30	6	21	66	—
Egypt	105.2	21	6	1.5	-0	124.7	147.1	2.9	59	57	72	70	74	14,590	3,419	9	—	43	1	29	34	4	18	80	2.8
Libya	6.9	17	6	1.1	0	7.7	8.5	2.4	28	16	72	70	75	23,590	401	10	—	82	—	40	28	5	9	24	—
Morocco	37.0	16	5	1.1	-1	40.7	43.6	2.1	71	59	77	75	79	9,390	493	-10	—	65	11	—	25	8	18	72	1.5
Sudan	48.1	33	7	2.6	0	63.6	84.5	4.4	12	12	66	63	68	4,150	229	39	227,000	36	74	52	41	3	37	30	—
Tunisia	11.9	14	11	0.2	-1	12.8	13.6	1.8	51	44	76	75	78	12,160	420	4	—	71	8	29	25	10	13	63	1.8
Western Sahara	0.6	16	6	1.0	10	0.7	0.9	2.3	—	—	71	69	73	—	15,000	-1	—	87	—	—	24	6	24	—	—



WESTERN AFRICA

	CLIMATE VULNERABILITY AND RESILIENCE																								
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+			
AFRICA	1,453	32	8	2.4	-0	1,896	2,487	4.3	36	32	63	61	65	5,645	879	3	—	45	46	59	40	3	44	53	1.6
SUB-SAHARAN AFRICA	1,197	34	9	2.6	-0	1,592	2,128	4.6	33	29	61	59	63	4,292	704	2	3,504,000	43	52	65	42	3	47	50	1.5
WESTERN AFRICA	442	36	10	2.5	-0	585	778	4.9	22	19	58	57	59	4,744	571	14	932,000	50	48	64	43	3	54	40	1.7
Benin	13.7	36	9	2.7	0	18.5	25.3	4.9	16	12	60	58	62	4,020	489	15	6,900	50	68	74	42	3	52	26	1.4
Burkina Faso	22.9	31	9	2.2	-1	30.3	40.1	4.4	34	32	62	60	64	2,400	375	44	—	33	27	57	46	3	30	56	1.0
Cabo Verde	0.6	14	6	0.8	-2	0.7	0.7	1.9	56	55	74	70	78	8,970	1,200	-5	—	68	—	37	26	6	11	—	1.1
Côte d'Ivoire	30.9	33	9	2.4	0	41.0	55.0	4.3	21	18	59	58	60	6,330	883	10	—	53	53	44	38	3	52	41	1.6
Gambia	2.8	34	7	2.7	-1	3.6	4.7	4.4	19	17	63	63	63	2,470	636	10	—	64	39	61	43	2	42	40	0.8
Ghana	34.1	27	8	1.9	0	42.2	52.2	3.5	31	25	64	62	66	6,380	724	13	5,900	59	33	39	37	4	32	—	—
Guinea	14.2	34	10	2.4	0	17.7	22.8	4.3	11	11	61	59	62	2,840	458	6	—	38	49	73	42	3	67	32	1.0
Guinea-Bissau	2.2	31	9	2.2	-1	2.7	3.4	3.9	21	20	60	58	62	2,220	733	15	—	45	61	78	40	3	50	48	0.8
Liberia	5.4	31	9	2.2	-1	6.9	8.9	4.0	25	24	60	60	62	1,620	1,080	0	—	54	64	81	41	3	57	41	—
Mali	23.3	41	9	3.2	-2	33.1	47.4	5.9	17	16	59	58	61	2,420	279	34	32,000	46	42	—	47	2	53	40	1.0
Mauritania	4.9	39	7	3.2	1	6.8	9.6	5.2	14	13	65	63	66	6,330	1,089	37	23,000	58	56	54	42	3	41	28	1.8
Niger	27.2	45	8	3.7	0	42.0	67.0	6.7	14	13	62	61	63	1,510	154	53	5,100	17	70	71	49	2	40	35	0.7
Nigeria	223.8	37	12	2.5	0	291.6	377.5	5.1	22	18	54	53	54	5,650	607	6	854,000	54	49	70	43	3	63	40	2.2
Senegal	18.3	32	6	2.7	-1	24.4	33.5	4.3	27	26	68	65	70	4,100	478	13	460	50	32	50	41	3	21	53	1.1
Sierra Leone	8.9	33	9	2.4	0	11.4	14.4	4.2	21	21	60	59	62	1,900	562	5	—	44	51	89	39	3	75	45	0.5
Togo	9.1	31	8	2.3	0	11.7	15.5	4.2	24	21	62	61	62	2,610	343	20	4,700	44	39	63	40	3	44	37	0.8



EASTERN AFRICA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Un-employment Rates
																Ages <15	Ages 65+								
AFRICA	1,453	32	8	2.4	-0	1,896	2,487	4.3	36	32	63	61	65	5,645	879	3	—	45	46	59	40	3	44	53	1.6
SUB-SAHARAN AFRICA	1,197	34	9	2.6	-0	1,592	2,128	4.6	33	29	61	59	63	4,292	704	2	3,504,000	43	52	65	42	3	47	50	1.5
EASTERN AFRICA	483	33	7	2.6	-1	642	850	4.2	44	39	64	61	67	2,938	862	-8	2,064,000	30	53	68	41	3	39	61	1.7
Burundi	13.2	34	7	2.7	0	17.7	24.1	5.0	29	23	62	60	64	840	1,039	-26	67,000	15	37	—	46	2	66	39	0.9
Comoros	0.9	29	9	2.0	-2	1.0	1.2	3.9	19	14	64	62	66	3,850	1,385	2	—	30	69	80	38	4	46	27	1.2
Djibouti	1.1	22	9	1.3	1	1.3	1.5	2.8	19	18	63	60	66	5,780	36,667	49	—	79	—	49	30	5	37	—	—
Eritrea	3.7	28	7	2.1	-5	4.7	6.0	3.8	8	7	67	64	69	—	536	0	—	43	—	—	39	4	29	20	—
Ethiopia	126.5	32	6	2.5	-0	165.7	214.8	4.1	36	35	66	63	69	2,800	775	-16	717,000	23	64	58	39	3	47	63	1.8
Kenya	55.1	28	8	2.1	-0	69.0	85.2	3.4	63	57	62	60	65	5,680	950	-8	373,000	30	51	72	37	3	32	75	2.0
Madagascar	30.4	35	7	2.8	-0	40.9	56.2	4.3	50	43	65	63	68	1,720	1,013	-14	68,000	41	67	65	39	3	47	66	—
Malawi	19.8	32	7	2.6	0	25.6	33.6	3.9	66	65	67	64	69	1,700	495	-5	—	18	50	82	42	4	33	80	1.4
Mauritius	1.3	10	10	-0.1	-2	1.2	1.2	1.3	64	32	74	70	77	27,480	1,733	-3	—	41	—	32	16	13	14.2	42	1.7
Mayotte	0.3	36	3	3.3	5	0.5	0.7	4.7	—	—	73	72	75	—	1,739	1	—	45	—	—	44	3	9	—	—
Mozambique	33.9	39	9	3.0	-0	46.3	63.0	4.9	26	25	60	57	63	1,410	600	1	127,000	39	55	75	43	3	39	48	—
Réunion	0.9	16	7	0.9	-5	1.0	1.1	2.5	—	—	80	77	83	—	2,657	-6	—	100	—	—	21	15	7	—	—
Rwanda	14.1	28	6	2.2	1	17.5	23.1	3.6	64	58	70	68	71	2,730	1,112	-23	3,600	18	38	—	37	4	34	75	1.2
Seychelles	0.1	13	8	0.5	0	0.1	0.1	2.0	—	—	74	70	78	33,480	66,667	3	—	59	—	15	20	9	15.3	—	0.7
Somalia	18.1	43	11	3.2	-2	25.6	36.5	6.2	7	1	56	54	58	1,360	1,645	17	—	48	—	80	47	3	66	2	1.5
South Sudan	11.1	29	11	1.8	-3	13.9	17.5	4.3	—	5 ^g	56	54	57	—	464	4	665,000	21	—	87	43	3	61	—	—
Tanzania	67.4	34	6	2.8	-0	95.8	133.8	4.8	38	32	66	64	68	3,040	499	-6	2,200	37	41	59	43	4	24	53	2.0
Uganda	48.6	36	6	3.1	-3	65.6	87.6	4.5	50	43	64	61	66	2,650	704	-5	38,000	27	54	74	44	2	30	60	1.4
Zambia	20.2	34	7	2.7	-0	27.2	36.7	4.2	50	48	62	59	65	3,680	532	-4	3,600	46	48	73	42	2	38	69	1.2
Zimbabwe	16.7	29	8	2.1	-1	21.0	26.4	3.7	67	66	65	61	68	2,460	418	-12	—	33	22	74	38	5	24	85	1.1



MIDDLE AFRICA

	CLIMATE VULNERABILITY AND RESILIENCE																								
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+			
AFRICA	1,453	32	8	2.4	-0	1,896	2,487	4.3	36	32	63	61	65	5,645	879	3	—	45	46	59	40	3	44	53	1.6
SUB-SAHARAN AFRICA	1,197	34	9	2.6	-0	1,592	2,128	4.6	33	29	61	59	63	4,292	704	2	3,504,000	43	52	65	42	3	47	50	1.5
MIDDLE AFRICA	202	40	9	3.0	-1	285	407	5.6	22	15	60	58	62	3,001	682	2	—	52	68	75	46	3	51	29	0.7
Angola	36.7	38	8	3.0	-0	51.3	72.3	5.2	14	13	62	59	65	6,450	683	-4	—	69	63	79	45	3	48	24	1.0
Cameroon	28.1	35	9	2.6	-2	37.3	50.1	4.5	19	15	60	59	62	4,350	453	5	23,000	59	33	59	42	3	48	36	—
Central African Republic	6.2	44	20	2.3	-23	9.0	13.3	6.4	18	14	54	52	57	1,020	344	10	—	44	—	81	48	3	65	26	—
Chad	18.3	43	12	3.1	-0	25.7	36.5	6.2	8	7	53	51	55	1,640	345	37	—	24	82	—	47	2	65	17	0.5
Congo	6.1	30	7	2.3	-0	7.9	10.4	4.1	30	19	63	62	65	3,520	1,109	-2	201,000	69	44	88	41	3	37	39	—
Congo, Dem. Rep.	102.3	42	9	3.2	-0	148.0	217.5	6.1	28	18	60	58	62	1,280	748	-4	283,000	47	78	77	48	3	50	31	0.6
Equatorial Guinea	1.7	30	9	2.1	2	2.2	2.8	4.2	13	10	61	59	63	12,850	3,208	2	—	74	—	—	38	3	54	21	—
Gabon	2.4	30	7	2.3	0	3.0	3.8	3.9	25	17	66	63	68	14,880	738	1	—	91	44	—	36	4	28	30	—
São Tomé and Príncipe	0.2	28	6	2.2	-3	0.3	0.4	3.8	50	46	69	66	72	4,770	5,000	-9	—	76	53	55	39	4	13	60	—



SOUTHERN AFRICA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
																Ages <15	Ages 65+								
AFRICA	1,453	32	8	2.4	-0	1,896	2,487	4.3	36	32	63	61	65	5,645	879	3	—	45	46	59	40	3	44	53	1.6
SUB-SAHARAN AFRICA	1,197	34	9	2.6	-0	1,592	2,128	4.6	33	29	61	59	63	4,292	704	2	3,504,000	43	52	65	42	3	47	50	1.5
SOUTHERN AFRICA	70	20	11	0.9	2	81	92	2.4	56	55	62	59	65	14,965	524	-2	580	66	25	25	29	6	27	78	1.1
Botswana	2.7	25	5	2.0	1	3.2	3.7	2.8	67	—	66	63	68	17,590	1,038	4	—	73	40	56	32	4	33	—	1.2
Eswatini	1.2	24	12	1.2	-5	1.4	1.7	2.8	66	66	56	53	61	9,920	678	-7	360	25	11	67	34	4	39	81	—
Lesotho	2.3	26	14	1.2	-2	2.6	2.9	3.0	65	65	53	50	56	3,160	536	-22	—	30	26	57	34	4	69	80	1.3
Namibia	2.6	27	11	1.5	-2	3.1	3.8	3.2	56	55	58	55	62	10,890	325	-3	—	55	41	58	36	4	30	75	0.9
South Africa	60.7	20	11	0.9	2	70.2	80.3	2.3	55	54	63	60	66	15,570	506	-1	220	69	24	20	28	6	24	78	1.1



NORTHERN AMERICA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
																Ages <15	Ages 65+								
AMERICAS	1,027	13	9	0.4	2	1,121	1,182	1.8	75	69	75	72	78	40,105	621	-7	720,000	82	—	23	21	12	11	—	1.2
NORTHERN AMERICA	375	11	10	0.1	5	406	435	1.6	74	66	77	74	80	75,470	204	-15	543,000	83	—	8	18	17	5	82	1.0
Canada	40.1	9	8	0.1	11	45.7	50.9	1.4	—	—	82	80	84	57,820	105	-87	280	82	—	8	16	19	4.3	—	1.0
United States of America	335.0	11	10	0.1	4	359.9	383.6	1.7	74	66	76	73	79	77,530	212	-6	543,000	83	—	8	18	17	5.6	82	1.0



CENTRAL AMERICA

	CLIMATE VULNERABILITY AND RESILIENCE																								
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+			
AMERICAS	1,027	13	9	0.4	2	1,121	1,182	1.8	75	69	75	72	78	40,105	621	-7	720,000	82	—	23	21	12	11	—	1.2
LATIN AMERICA AND THE CARIBBEAN	652	14	8	0.6	0	715	748	1.9	75	71	74	71	77	18,412	866	-2	176,000	82	—	39	23	9	13	—	1.4
CENTRAL AMERICA	182	16	8	0.8	-0	198	211	1.9	71	67	74	71	78	18,731	768	0	16,000	76	20	34	26	8	11	81	1.2
Belize	0.5	16	5	1.1	1	0.5	0.6	1.8	51	49	71	68	75	10,900	500	0	820	47	16	46	36	4	16	66	2.2
Costa Rica	5.3	10	6	0.5	5	5.7	6.1	1.3	71	69	81	78	83	22,820	2,181	-2	—	83	4	16	21	10	9.6	83	1.7
El Salvador	6.4	16	8	0.8	-4	6.6	6.6	1.8	72	68	71	67	76	10,460	888	-4	—	75	17	48	25	8	10	82	1.2
Guatemala	18.1	22	5	1.6	-2	21.3	24.6	2.4	61	49	69	66	73	10,610	1,165	-5	7,900	53	38	60	32	6	17	66	2.1
Honduras	9.7	21	5	1.5	-1	12.5	14.3	2.3	69	67	71	68	73	6,210	953	-7	3,900	60	32	56	30	6	13	81	1.6
Mexico	131.0	15	9	0.6	-0	138.2	143.8	1.8	73	70	75	72	78	21,060	652	2	3,600	82	18	28	25	8	10	83	1.0
Nicaragua	6.8	18	5	1.3	-2	7.8	8.8	2.2	80	77	77	74	80	6,380	452	-3	11	60	—	—	29	6	14	90	—
Panama	4.5	15	6	1.0	3	5.2	5.9	2.0	51	47	78	75	81	37,080	796	0	—	70	16	—	25	9	12	63	1.1



CARIBBEAN

	CLIMATE VULNERABILITY AND RESILIENCE																								
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+			
AMERICAS	1,027	13	9	0.4	2	1,121	1,182	1.8	75	69	75	72	78	40,105	621	-7	720,000	82	—	23	21	12	11	—	1.2
LATIN AMERICA AND THE CARIBBEAN	652	14	8	0.6	0	715	748	1.9	75	71	74	71	77	18,412	866	-2	176,000	82	—	39	23	9	13	—	1.4
CARIBBEAN	44	15	10	0.5	-2	46	47	1.9	54	52	72	69	74	—	1,831	1	—	73	24	—	23	10	26	70	—
Antigua and Barbuda	0.1	12	6	0.6	0	0.1	0.1	1.6	—	—	79	76	81	24,500	2,500	1	—	24	—	33	21	10	14	—	—
Bahamas	0.4	11	7	0.4	2	0.4	0.5	1.4	—	—	74	71	78	38,290	5,000	5	—	84	—	17	18	9	10	—	—
Barbados	0.3	11	9	0.2	-0	0.3	0.3	1.6	59	55	78	76	80	17,340	4,286	3	—	31	—	31	17	17	10	70	0.8
Cuba	11.0	9	15	-0.6	0	10.7	9.9	1.5	69	68	74	71	76	—	378	-1	—	78	11	—	16	16	7.6	87	—
Curaçao	0.1	8	11	-0.2	-12	0.2	0.2	1.3	—	—	77	73	80	23,890	—	6	—	89	—	—	16	21	7.9	—	1.2
Dominica	0.07	13	9	0.4	-1	0.08	0.07	1.6	—	—	73	70	76	13,540	1,167	-2	—	72	—	—	19	10	11	—	—
Dominican Republic	11.3	18	6	1.2	-3	12.4	13.2	2.2	63	62	74	71	78	21,910	1,288	1	7,900	84	11	52	27	8	24	84	2.5
Grenada	0.1	16	8	0.8	-2	0.1	0.1	2.0	—	—	75	73	78	15,870	3,333	2	—	37	—	21	24	10	12	—	—
Guadeloupe	0.4	11	10	0.1	-2	0.4	0.4	2.0	—	—	80	76	84	—	1,838	0	—	99	—	—	18	21	8.1	—	—
Haiti	11.6	22	8	1.4	-2	13.3	14.9	2.5	34	32	64	62	66	3,310	1,154	2	24,000	60	49	83	31	4	41	44	—
Jamaica	2.8	12	9	0.3	-4	2.8	2.5	1.3	—	—	71	69	73	11,480	2,333	1	—	57	—	54	19	8	11	—	1.5
Martinique	0.3	10	11	-0.1	-10	0.3	0.3	1.9	—	—	80	77	83	—	2,742	0	—	89	—	—	16	23	7	—	—
Puerto Rico	3.3	6	10	-0.4	-2	3.0	2.5	0.9	—	—	80	76	84	27,830	6,574	6	58	94	—	—	13	23	7.3	—	—
St. Kitts and Nevis	0.05	12	9	0.3	0	0.05	0.05	1.6	—	—	72	68	75	32,180	1,000	0	—	31	—	30	20	10	15	—	—
St. Lucia	0.2	11	10	0.1	0	0.2	0.2	1.4	56	53	71	68	75	17,110	7,491	1	—	19	—	22	18	9	12	72	1.2
St. Vincent and the Grenadines	0.1	12	11	0.2	-1	0.1	0.1	1.7	—	—	70	67	73	16,810	5,000	0	3	54	—	33	25	9	17	—	—
Trinidad and Tobago	1.4	11	8	0.3	-4	1.4	1.3	1.6	40	38	75	71	78	27,040	5,600	4	7	53	—	43	21	9	15	58	1.4



SOUTH AMERICA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Un-employment Rates
																					Ages <15	Ages 65+			
AMERICAS	1,027	13	9	0.4	2	1,121	1,182	1.8	75	69	75	72	78	40,105	621	-7	720,000	82	—	23	21	12	11	—	1.2
LATIN AMERICA AND THE CARIBBEAN	652	14	8	0.6	0	715	748	1.9	75	71	74	71	77	18,412	866	-2	176,000	82	—	39	23	9	13	—	1.4
SOUTH AMERICA	426	14	8	0.6	1	471	490	1.8	78	74	74	71	77	18,528	807	-3	128,000	85	—	—	22	10	12	—	1.4
Argentina	46.3	14	9	0.5	0	49.5	52.2	1.9	70	68	76	73	79	26,030	110	1	—	92	—	37	24	12	9.2	81	1.3
Bolivia	12.2	21	6	1.4	-1	14.0	16.0	2.5	67	45	65	62	68	9,400	—	-10	650	71	—	—	29	8	21	50	1.4
Brazil	204.0	12	8	0.4	0	227.7	230.8	1.8	81 ^g	80 ^g	73	70	77	17,260	350	-3	44,000	88	—	33	20	10	11	—	1.5
Chile	20.0	9	7	0.2	2	21.1	21.6	1.2	76	70	81	78	84	28,550	1,522	-9	1,500	88	—	18	19	13	5.6	—	1.1
Colombia	52.2	14	7	0.7	4	56.0	57.7	1.7	81	76	74	70	77	19,490	2,619	-5	41,000	82	10	—	21	9	11	86	1.6
Ecuador	17.1	17	5	1.2	-1	19.1	21.0	2.0	78	72	78	75	80	12,630	1,670	-4	2,200	65	—	37	26	8	11	81	1.4
French Guiana	0.3	27	5	2.2	-4	0.4	0.5	3.5	—	—	76	73	80	—	2,259	0	—	87	—	—	32	6	8	—	—
Guyana	0.8	19	10	1.0	-5	0.9	0.9	2.3	30	29	66	63	69	37,710	190	3	—	27	12	—	28	6	23	48	1.2
Paraguay	6.2	20	7	1.3	-2	7.0	7.7	2.4	68	67	70	68	74	15,540	131	-2	—	63	15	26	24	9	16	83	1.5
Peru	33.8	17	8	1.0	-2	37.6	41.3	2.2	77	55	73	71	75	14,080	788	-8	29,000	79	—	—	26	9	17	66	1.4
Suriname	0.6	17	9	0.8	-1	0.7	0.7	2.2	39	39	70	67	72	16,080	1,034	1	—	66	16	36	26	8	20	57	—
Uruguay	3.6	10	9	0.0	0	3.6	3.5	1.5	80 ^g	78 ^g	78	75	81	26,290	177	1	—	96	—	15	20	15	6.3	—	1.3
Venezuela	28.8	16	8	0.7	11	33.4	35.9	2.2	75	—	71	67	76	—	1,108	0	9,900	88	—	—	27	9	15	—	1.1



WESTERN ASIA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
																					Ages <15	Ages 65+			
ASIA	4,739	14	7	0.7	0	5,086	5,325	1.9	68	59	74	72	76	16,349	3,214	3	4,196,000	53	—	—	23	10	24	—	—
WESTERN ASIA	299	19	5	1.4	2	355	411	2.5	52	37	74	72	77	35,707	3,468	8	—	70	—	—	28	6	18	—	2.4
Armenia	3.0	12	9	0.3	-1	2.8	2.5	1.7	57	28	72	67	77	18,120	677	-23	—	64	8	7	20	13	7	40	0.6
Azerbaijan	10.2	12	6	0.6	0	10.7	10.7	1.7	55	14	74	71	76	16,530	488	1	—	58	—	10	22	8	8	—	1.4
Bahrain	1.6	11	2	0.9	0	1.7	1.9	1.8	—	—	79	78	80	57,370	76,190	17	—	90	—	—	20	4	5	—	—
Cyprus	1.3	10	7	0.3	4	1.3	1.4	1.3	—	—	82	80	84	45,960	1,366	11	—	67	—	—	16	15	2	—	1.3
Georgia	3.8	11	13	-0.2	-3	3.5	3.1	1.8	41	33	74	69	78	18,830	1,218	-14	31,000	61	7	37	21	16	8	51	0.8
Iraq	45.5	27	4	2.3	-0	58.3	74.5	3.4	53	36	71	69	73	10,820	916	21	69,000	72	49	—	37	3	18	54	2.0
Israel	9.8	19	5	1.4	8	12.1	15.7	2.8	—	—	83	81	85	48,820	2,599	15	—	93	—	13	28	12	2.6	—	0.9
Jordan	11.4	22	4	1.8	-12	13.0	14.1	2.8	52	37	73	72	75	10,890	5,723	1	—	92	17	—	34	4	12	57	1.4
Kuwait	4.4	11	2	0.9	5	4.7	5.2	2.1	—	—	80	79	83	64,590	55,000	27	—	100	—	11	19	3	8	—	—
Lebanon	5.4	15	9	0.6	-29	4.6	4.9	2.1	—	—	74	72	77	13,400	3,877	4	—	89	—	37	27	10	6	—	1.4
Oman	5.0	18	3	1.4	0	5.8	6.8	2.6	30	19	74	72	76	38,890	6,053	10	—	88	—	—	27	3	9	40	7.1
Palestinian Territory	5.5	29	4	2.5	-1	7.3	9.8	3.8	57	43	73	71	76	8,170	13,126	0	—	78	20	28	37	4	14	61	2.0
Qatar	2.7	9	1	0.8	0	3.0	3.4	1.8	38	34	82	81	83	110,640	12,857	27	—	99	—	—	16	2	5	69	5.0
Saudi Arabia	36.9	17	3	1.4	1	42.8	48.4	2.4	28	24	78	77	80	59,660	1,076	18	—	85	—	—	26	3	6	—	5.8
Syria	23.2	21	5	1.5	34	32.8	38.3	2.7	—	—	72	69	76	—	498	14	—	57	—	—	30	5	16	—	—
Türkiye	85.6	12	6	0.6	1	96.0	103.2	1.6	70	49	78	75	81	36,920	431	-2	52	77	14	—	22	10	9	60	1.4
United Arab Emirates	9.5	10	2	0.8	0	10.3	11.4	1.4	—	—	79	78	81	87,300	18,887	19	—	88	—	10	15	2	5	—	2.9
Yemen	34.4	30	7	2.3	-1	43.9	55.3	3.7	34	29	64	60	67	—	2,971	1	—	40	44	67	39	3	47	47	—



CENTRAL ASIA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Un-employment Rates
																Ages <15	Ages 65+								
ASIA	4,739	14	7	0.7	0	5,086	5,325	1.9	68	59	74	72	76	16,349	3,214	3	4,196,000	53	—	—	23	10	24	—	—
CENTRAL ASIA	80	24	5	1.8	-0	93	111	3.2	51	49	73	70	76	13,641	658	-6	—	50	—	18	31	6	13	74	1.6
Kazakhstan	19.9	21	7	1.4	0	22.5	26.0	3.0	53	50	74	70	78	27,080	67	-22	14	58	1	2	30	8	8	73	1.3
Kyrgyzstan	6.8	22	5	1.8	-1	8.0	9.5	2.8	39	38	72	68	76	5,830	528	-15	4	38	2	7	33	5	14	65	1.1
Tajikistan	10.2	27	5	2.2	-2	12.7	16.0	3.6	29	27	70	68	72	5,680	1,217	-2	18	28	17	—	37	4	25	52	—
Turkmenistan	7.1	21	7	1.4	-1	7.4	8.3	2.6	50	47	69	66	73	15,400	366	6	—	54	9	—	31	5	33	80	—
Uzbekistan	36.4	26	5	2.1	0	42.9	51.2	3.3	59	56	74	72	77	9,640	906	0	—	51	—	26	30	5	9	81	1.9



SOUTH ASIA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
																				Ages <15	Ages 65+				
ASIA	4,739	14	7	0.7	0	5,086	5,325	1.9	68	59	74	72	76	16,349	3,214	3	4,196,000	53	—	—	23	10	24	—	—
SOUTH ASIA	2,029	20	7	1.2	-1	2,277	2,503	2.2	62	52	70	68	71	7,818	1,009	9	3,288,000	38	51	—	27	7	32	71	1.0
Afghanistan	42.4	42	7	3.5	-2	58.1	80.4	5.4	19 ^g	18 ^g	63	60	66	1,690	542	-2	2,164,000	27	73	79	48	3	46	—	1.0
Bangladesh	173.5	21	5	1.5	-2	198.6	223.5	2.3	64	55	74	72	76	7,690	2,139	14	8,600	40	52	31	26	6	25	74	—
Bhutan	0.8	14	4	1.0	0	0.8	0.9	1.6	66	65	72	70	74	11,300	851	-11	—	44	—	—	23	7	15	85	1.8
India	1,428.6	18	8	1.0	-0	1,567.8	1,670.5	2.0	67	56	70	69	71	8,210	925	4	32,000	36	49	—	25	7	28	74	0.8
Iran	89.2	13	6	0.7	-0	94.9	99.0	1.7	77	57	75	72	77	18,130	568	11	390	77	—	41	23	8	10	69	2.0
Maldives	0.6	13	3	1.0	2	0.7	0.9	1.7	19	15	80	79	81	22,530	15,385	-1	—	42	35	13	20	4	7	30	0.8
Nepal	30.9	21	7	1.4	-2	34.4	37.4	2.1	57	43	70	69	72	4,750	1,462	-2	58,000	22	40	37	29	6	28	55	—
Pakistan	240.5	27	7	2.0	-1	298.4	367.8	3.4	34	23	65	65	66	6,350	788	42	1,025,000	38	56	42	38	4	56	49	1.7
Sri Lanka	22.7	15	7	0.7	0	23.2	22.8	2.2	65	54	77	73	80	14,030	1,655	4	23	19	—	11	23	12	7	74	2.1



SOUTHEAST ASIA

	CLIMATE VULNERABILITY AND RESILIENCE																								
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+			
ASIA	4,739	14	7	0.7	0	5,086	5,325	1.9	68	59	74	72	76	16,349	3,214	3	4,196,000	53	—	—	23	10	24	—	—
SOUTHEAST ASIA	682	15	7	0.8	0	745	786	2.0	63	54	72	72	75	14,622	10,118	1	612,000	52	23	17	24	8	18	73	1.1
Brunei	0.4	15	4	1.1	-2	0.5	0.5	1.9	—	—	78	76	79	67,740	10,000	-1	—	79	—	—	21	6	6	—	1.7
Cambodia	17.0	22	7	1.6	-2	19.5	22.2	2.7	62	45	70	67	73	5,080	413	4	3,900	26	40	51	29	6	12	61	1.1
Indonesia	278.7	17	6	1.1	-0	308.4	328.9	2.2	64	57	71	76	74	14,250	1,060	-1	68,000	59	19	5	24	7	15	77	0.9
Laos	7.5	21	7	1.4	0	9.0	10.6	2.5	54	49	67	66	69	8,810	613	4	560	38	22	34	31	5	47	72	—
Malaysia	33.4	15	9	0.7	1	37.2	40.1	2.0	52	34	73	71	76	32,250	4,044	0	680	79	—	16	23	7	6	—	1.1
Myanmar	55.4	19	8	1.1	0	61.3	66.2	2.4	52	51	67	62	72	4,760	504	8	3,000	32	58	29	27	7	40	75	2.1
Philippines	117.3	12	8	0.4	-1	132.7	144.4	1.9	58	42	72	70	74	10,730	2,098	0	533,000	48	37	45	30	6	22	59	1.2
Singapore	5.8	8	6	0.2	3	6.2	6.2	1.0	—	—	83	81	85	107,030	1,035,714	6	—	100	—	7	14	17	1.8	—	1.1
Thailand	66.0	7	9	-0.2	3	64.1	57.9	1.1	73	71	76	72	80	20,070	385	2	680	54	7	7	15	14	7	87	1.3
Timor-Leste	1.4	25	7	1.8	-4	1.6	1.8	3.0	26	24	69	67	71	4,780	1,256	-3	—	32	34	—	34	5	31	47	1.6
Vietnam	98.9	15	7	0.8	-1	104.6	107.0	1.9	73	60	75	70	79	12,810	1,457	0	2,200	39	6	9	22	10	15	72	0.9



EAST ASIA

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
																Ages <15	Ages 65+								
ASIA	4,739	14	7	0.7	0	5,086	5,325	1.9	68	59	74	72	76	16,349	3,214	3	4,196,000	53	—	—	23	10	24	—	—
EAST ASIA	1,648	7	8	-0.1	0	1,616	1,514	1.1	82	78	79	76	82	24,561	3,152	-5	196,000	68	—	—	16	16	6	—	—
China	1,411.3	7	7	-0.1	0	1,387.2	1,303.5	1.1	85	81	79	76	81	21,250	1,296	-5	146,000	65	—	—	17	15	6	—	—
China, Hong Kong SAR ^h	7.3	4	8	-0.4	3	7.6	7.6	0.7	67	65	84	81	87	73,940	365,000	22	—	100	—	—	11	21	1.5	—	0.7
China, Macao SAR ^h	0.7	6	4	0.2	7	0.8	0.8	0.7	—	—	84	81	87	70,930	—	21	—	100	—	—	14	13	1	—	0.8
Japan	124.5	6	13	-0.7	2	115.2	101.8	1.3	40	33	84	81	87	48,470	3,047	-2	45,000	92	—	4	12	29	1.8	—	0.9
Korea, North	26.2	13	9	0.4	-0	26.6	25.8	1.8	70	69	74	71	76	—	1,142	-21	—	63	—	—	19	12	14	90	—
Korea, South	51.4	5	7	-0.2	1	50.7	47.2	0.8	82	—	84	81	87	50,730	3,827	-23	5,100	81	—	6	11	16	2.3	—	1.1
Mongolia	3.5	19	6	1.4	0	4.1	5.1	2.7	48	45	71	67	77	12,470	263	-47	75	69	18	6	32	5	12	64	0.8
Taiwan	23.4	6	9	-0.3	11	23.3	21.9	0.9	75	66	81	78	85	—	3,920	14	—	80	—	—	12	18	4.1	—	1.0



NORTHERN EUROPE

	CLIMATE VULNERABILITY AND RESILIENCE																								
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Un-employment Rates
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+			
EUROPE	744	9	12	-0.4	0	740	725	1.4	68	—	78	75	81	47,960	560	-37	—	75	—	8	16	19	4	—	1.0
EUROPEAN UNION	449	9	12	-0.3	9	451	446	1.4	69	—	81	78	83	54,015	620	-31	—	75	—	7	15	21	3	—	1.1
NORTHERN EUROPE	108	10	10	0.0	5	111	113	1.5	76	71	81	79	83	61,991	929	-49	—	83	—	5	17	19	3	—	0.9
Channel Islands	0.2	10	8	0.2	7	0.2	0.2	1.5	—	—	81	79	83	—	5,510	-18	—	31	—	—	15	16	7.3	—	—
Denmark	5.9	10	10	0.0	10	6.1	6.3	1.6	—	—	81	79	83	76,810	250	-52	—	88	—	7	16	20	3.0	—	1.0
Estonia	1.4	9	13	-0.4	29	1.3	1.3	1.4	75 ^g	61 ^g	78	74	82	46,080	200	-73	—	70	—	9	16	20	2.2	—	0.9
Finland	5.6	8	11	-0.3	6	5.6	5.5	1.3	86	82	81	79	84	58,950	250	-133	—	86	—	11	15	23	2.0	—	0.9
Iceland	0.4	11	7	0.4	26	0.4	0.5	1.6	—	—	82	81	84	65,560	331	-104	—	94	—	6	18	15	1.4	—	0.8
Ireland	5.2	11	7	0.4	12	5.6	5.9	1.7	73	71	82	81	84	91,950	1,193	-24	—	64	9	5	20	15	3.3	—	1.0
Latvia	1.9	8	16	-0.8	12	1.7	1.5	1.5	—	—	74	69	79	39,260	140	-60	—	69	—	9	16	21	2.4	—	0.7
Lithuania	2.9	8	15	-0.7	26	2.6	2.3	1.3	—	—	76	71	81	46,790	127	-49	—	69	—	9	15	20	3.0	—	0.9
Norway	5.5	9	8	0.1	11	5.8	6.1	1.4	—	—	87	89	84	118,440	684	-116	—	84	—	5	17	18	1.9	—	0.9
Sweden	10.5	10	9	0.1	5	11.2	11.8	1.5	70	68	83	81	85	67,040	414	-93	—	89	—	5	17	20	2.2	—	1.1
United Kingdom	68.1	10	10	0.0	2	70.1	71.7	1.5	76	71	81	79	83	54,920	1,133	-31	80	85	—	4	17	19	4.0	84	0.9



WESTERN EUROPE

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
																					Ages <15	Ages 65+			
EUROPE	744	9	12	-0.4	0	740	725	1.4	68	—	78	75	81	47,960	560	-37	—	75	—	8	16	19	4	—	1.0
EUROPEAN UNION	449	9	12	-0.3	9	451	446	1.4	69	—	81	78	83	54,015	620	-31	—	75	—	7	15	21	3	—	1.1
WESTERN EUROPE	199	10	11	-0.1	11	205	209	1.6	72	—	82	79	84	63,211	808	-41	—	81	—	5	15	21	3	—	0.9
Austria	9.2	9	10	-0.1	15	9.5	9.9	1.4	79	—	81	79	84	68,170	697	-70	—	60	—	4	14	20	2.4	—	0.9
Belgium	11.8	10	10	0.0	10	12.2	12.6	1.5	67	65	82	80	84	60,020	1,363	-34	—	98	—	6	16	20	3.2	—	0.9
France	65.9	11	10	0.1	2	66.3	66.4	1.8	78	73	82	79	85	57,090	367	-20	44	82	—	7	17	21	3.2	—	1.0
Germany	84.9	9	13	-0.4	17	87.6	89.2	1.5	67 ^g	—	81	78	83	65,300	728	-56	—	78	—	4	14	22	3.2	—	0.9
Liechtenstein	0.04	10	7	0.3	4	0.04	0.04	1.5	—	—	84	83	85	—	2,312	-41	—	15	—	—	14	18	5.3	—	—
Luxembourg	0.7	10	7	0.3	22	0.7	0.8	1.3	—	—	83	81	85	97,750	1,121	-38	—	92	—	3	16	15	3.5	—	1.1
Monaco	0.04	10	9	0.1	6	0.04	0.04	2.1	—	—	87	84	89	—	—	-8	—	100	—	—	13	36	4	—	—
Netherlands	17.9	9	10	0.0	13	18.8	19.5	1.5	73	70	81	80	83	66,750	1,785	-32	—	93	—	5	15	20	3.3	—	1.2
Switzerland	8.8	9	8	0.1	8	9.7	10.4	1.4	72	67	84	82	85	78,040	2,225	-59	4	74	—	2	15	19	3.1	—	1.1



EASTERN EUROPE

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Un-employment Rates
																					Ages <15	Ages 65+			
EUROPE	744	9	12	-0.4	0	740	725	1.4	68	—	78	75	81	47,960	560	-37	—	75	—	8	16	19	4	—	1.0
EUROPEAN UNION	449	9	12	-0.3	9	451	446	1.4	69	—	81	78	83	54,015	620	-31	—	75	—	7	15	21	3	—	1.1
EASTERN EUROPE	285	9	15	-0.6	-12	273	256	1.4	66	—	72	68	76	33,818	180	-47	—	70	—	11	17	18	5	—	1.0
Belarus	9.2	9	13	-0.4	1	8.7	8.1	1.4	53	46	74	69	79	21,800	164	-46	—	81	2	—	17	16	2.4	66	0.7
Bulgaria	6.4	9	18	-1.0	4	5.9	5.3	1.8	—	—	72	68	76	32,520	183	-15	14	77	—	16	14	24	4.8	—	0.9
Czechia	10.9	9	11	-0.2	31	10.9	10.9	1.6	—	—	79	76	82	47,780	440	-55	—	75	—	9	16	20	2.2	—	1.6
Hungary	9.6	9	14	-0.5	3	8.9	8.3	1.5	—	—	76	73	79	40,620	232	-31	—	73	—	13	15	21	3.6	—	0.9
Moldova	3.4	11	14	-0.4	1	3.1	3.0	1.7	56	44	71	67	76	15,310	199	-19	—	43	7	24	19	13	9	57	0.6
Poland	37.7	8	11	-0.4	0	36.2	33.2	1.2	62	—	77	73	81	41,310	340	-49	—	60	—	8	15	19	4.1	—	1.0
Romania	19.1	9	18	-0.8	5	17.9	16.7	1.6	—	—	74	71	78	40,600	222	-26	—	55	—	16	16	20	5.9	—	0.8
Russia	146.9	9	14	-0.5	11	139.2	133.1	1.4	68	55	70	66	75	35,770	121	-56	28	75	—	5	18	16	4.6	72	1.1
Slovakia	5.4	10	11	-0.1	0	5.1	4.9	1.6	—	—	75	71	78	36,840	407	-52	—	54	—	8	16	18	5.4	—	1.1
Ukraine	36.7	8	21	-1.3	-155	37.0	32.9	1.3	65	48	69	64	74	13,360	111	-27	—	70	1	28	15	19	6.6	68	1.1



SOUTHERN EUROPE

	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	CLIMATE VULNERABILITY AND RESILIENCE									
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females			Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Un-employment Rates
																					Ages <15	Ages 65+			
EUROPE	744	9	12	-0.4	0	740	725	1.4	68	—	78	75	81	47,960	560	-37	—	75	—	8	16	19	4	—	1.0
EUROPEAN UNION	449	9	12	-0.3	9	451	446	1.4	69	—	81	78	83	54,015	620	-31	—	75	—	7	15	21	3	—	1.1
SOUTHERN EUROPE	152	7	12	-0.5	7	152	147	1.3	63	51	82	79	84	44,593	690	-3	470	73	—	9	14	21	3	—	1.3
Albania	2.7	8	8	0.1	-12	2.6	2.2	1.2	46	4	77	74	79	18,210	450	-8	—	65	3	30	16	16	8.4	6	1.0
Andorra	0.08	6	5	0.2	23	0.08	0.08	0.9	—	—	84	81	86	—	10,701	-43	—	88	—	—	13	15	6.0	—	—
Bosnia-Herzegovina	3.4	7	12	-0.4	-2	3.2	2.9	1.1	46	12	77	75	80	20,220	337	-30	58	50	13	15	18	4	22	1.5	
Croatia	3.8	9	14	-0.5	3	3.7	3.4	1.5	—	—	78	75	81	40,740	443	-19	38	59	10	14	23	3.8	—	1.3	
Greece	10.6	8	14	-0.6	1	10.1	9.5	1.5	—	—	80	77	83	36,600	497	10	60	81	—	6	14	23	3.5	—	1.8
Italy	58.8	7	12	-0.5	4	57.1	54.1	1.2	65 ^g	52 ^g	83	81	85	52,470	817	-6	300	72	—	6	13	21	2.4	—	1.3
Kosovo ⁱ	1.7	13	6	0.7	-22	1.7	1.6	2.1	67	9	76	74	78	14,870	—	—	—	—	—	24	9	15	13	1.3	
Malta	0.6	9	7	0.2	2	0.5	0.5	1.2	—	—	84	82	86	51,590	7,692	14	—	95	—	7	13	19	5.3	—	0.8
Montenegro	0.6	11	12	0.0	-1	0.6	0.7	1.8	21	12	76	74	79	27,530	6,742	-21	—	69	9	13	18	16	3.6	28	0.9
North Macedonia	1.8	10	12	-0.2	1	1.8	1.7	1.6	60	14	74	72	76	19,290	432	-19	—	59	—	24	16	18	3	20	0.8
Portugal	10.5	8	12	-0.4	8	10.1	9.4	1.4	74 ^g	67 ^g	81	78	84	40,870	1,088	2	3	68	—	12	13	24	2.6	—	1.2
San Marino	0.04	6	7	-0.2	5	0.03	0.03	1.0	—	—	85	83	87	61,060	2,015	-18	—	98	—	—	14	19	4.9	—	—
Serbia	6.6	9	16	-0.7	-0	6.1	5.3	1.6	62	21	76	73	78	22,720	252	-14	—	57	—	15	14	22	4.0	30	1.1
Slovenia	2.1	8	11	-0.2	7	2.1	2.1	1.6	—	—	81	78	84	49,200	1,161	-40	—	56	—	7	15	21	2.5	—	1.1
Spain	48.3	7	11	-0.4	15	51.8	53.4	1.1	62	60	83	80	86	45,950	418	5	10	82	—	8	14	20	2.5	—	1.3



OCEANIA

																CLIMATE VULNERABILITY AND RESILIENCE									
	Population (millions) mid-2023	Births per 1,000 Population	Deaths per 1,000 Population	Rate of Natural Increase (%)	Net Migration Rate	Population (millions)		Total Fertility Rate ^a	Family Planning Among Married Women ^b		Life Expectancy at Birth (Years)			GNI per Capita, PPP ^c	Population per km ² of Arable Land	Projected Deaths per 100,000 Due to Temperature Change, 2040-2059 Annual Avg. ^d	Internally Displaced Persons Due to Disasters	Urban Population (%)	Urban Population Living in Slum Households (%)	Moderate/ Severe Food Insecurity (%)	Percent of Population		Infant Mortality Rate ^e	Demand for Family Planning Satisfied by Modern Methods (%) ^f	Ratio of Female to Male Unemployment Rates
						mid-2035	mid-2050		Using All Methods (%)	Using Modern Methods (%)	Total	Males	Females								Ages <15	Ages 65+			
OCEANIA	45	15	7	0.8	12	53	63	2.1	59	55	79	76	81	43,904	1,181	11	11,000	68	—	13	23	13	15	—	—
Australia	26.6	11	7	0.4	17	31.9	37.6	1.6	67	65	83	81	85	60,350	85	19	9,900	87	—	11	18	17	3.2	—	1.0
Federated States of Micronesia	0.1	21	6	1.4	-5	0.1	0.1	2.7	—	—	71	67	75	4,280	5,000	2	—	23	—	—	31	6	19	—	—
Fiji	0.9	23	8	1.5	-5	0.9	0.9	2.8	36	31	70	68	72	13,370	1,172	-3	400	59	9	24	28	7	15	51	—
French Polynesia	0.3	13	6	0.7	-0	0.3	0.3	1.7	—	—	77	75	79	—	12,000	2	—	62	—	—	22	9	5.4	—	—
Guam	0.2	18	6	1.2	-3	0.2	0.2	2.8	—	—	76	74	79	—	20,000	5	—	95	—	—	25	11	9.7	—	—
Kiribati	0.1	27	7	2.0	-3	0.1	0.2	3.3	34	27	62	58	66	4,520	5,000	5	—	58	—	41	34	4	41	54	1.0
Marshall Islands	0.05	19	8	1.1	0	0.05	0.05	2.7	—	—	65	64	67	8,640	10,000	2	28	79	—	—	36	4	25	—	0.6
Nauru	0.01	27	7	2.0	-11	0.01	0.01	3.5	—	—	64	61	68	19,780	—	4	—	100	—	—	38	2	15	—	1.1
New Caledonia	0.3	14	5	0.9	2	0.2	0.3	2.0	—	—	81	78	85	—	5,025	5	—	73	—	—	22	12	9	—	0.9
New Zealand	5.2	11	7	0.4	17	5.7	6.2	1.6	80 ^g	75 ^g	82	81	84	50,380	844	0	150	87	—	15	19	17	3.5	—	1.1
Palau	0.02	15	13	0.2	-1	0.02	0.02	2.4	—	—	65	62	69	15,560	6,667	3	—	82	—	—	19	11	15	—	1.8
Papua New Guinea	9.5	25	6	1.9	-0	11.8	15.1	3.2	37	31	66	63	69	4,270	2,870	-2	190	14	—	—	37	3	34	49	—
Samoa	0.2	27	5	2.2	-7	0.2	0.2	3.9	17	16	73	70	75	5,870	1,771	0	—	18	—	24	38	6	15	29	—
Solomon Islands	0.8	29	5	2.4	-2	1.0	1.3	3.9	29	24	71	69	72	2,670	3,478	-1	11	26	—	—	39	4	16	38	—
Tonga	0.1	23	7	1.6	-7	0.1	0.09	3.2	29	25	71	69	74	7,160	500	-1	260	23	—	18	35	7	9	49	1.9
Tuvalu	0.01	23	10	1.3	-5	0.01	0.01	3.1	24	22	65	61	69	7,310	—	3	—	66	—	—	33	7	18	50	—
Vanuatu	0.3	29	5	2.4	0	0.3	0.5	3.7	49	37	70	68	73	3,780	1,500	-1	—	26	—	23	37	4	19	51	1.6

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