

Global Studies

Mrs. Sage

Module 3, Lesson 2

- Using Demographics

The screenshot displays the 'Global Studies' course interface. At the top, there is a blue header with the text 'Global Studies' and a banner for 'GNN' (Global News Network) with the tagline 'Global News Network...Bringing the World Closer Together' and 'Time'. Below the banner is a grid of course modules. A dropdown menu is open for 'Module 3 -- Select a Lesson', listing lessons 3.00 through 3.08. Lesson 3.02, 'Using Demographics', is highlighted with a red box and a red arrow pointing to it. A text box above the arrow says 'Click here to begin lesson 3.02: Using Demographics'. The footer includes the Florida Virtual School logo, copyright information for 2004-2008 FLVS, and a 'Home' button.

Global Studies	
"Global News Network...Bringing the World Closer Together" Time	
Orientation Module 1 -- Select a Lesson	
World Population ✓ Module 3 -- Select a Lesson 3.00 Print Module Checklist 3.01 Six Billion and Counting 3.02 Using Demographics 3.03 Listen Up! 3.04 What's Your Shoe Size? 3.05 A Hungry World 3.06 Food for Thought 3.07 Take Action 3.08 Module Assessment	Celebrating Diversity Module 4 -- Select a Lesson
	Global Economy Module 6 -- Select a Lesson
	Protecting the Environment Module 8 -- Select a Lesson
	Resources Select course resources here

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Global Studies

Briefing

Assignment

Report

Lesson 3.02 Using Demographics



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Your goals are to learn how to complete these objectives:

- Understand the concept of basic human needs
- Understand the concept of "stress"
- Identify a variety of stress indicators
- Apply measures of stress to classify demographic data
- Compare countries experiencing factors of stress

Read your objectives under the "Briefing" tab, press the "next" arrow or the "Assignment" tab.

Even though you may think your editor causes you stress, imagine having to meet your next deadline while also having to worry about meeting your basic needs of oxygen, water, food, and health. For some people in the world, meeting these basic needs is a daily struggle.



Briefing Assignment Report

Lesson 3.02 Using Demographic

Read about basic needs of people. What do you need to survive? What do you want, like to survive? Think about what is essential to sustaining your life.

What are basic needs? Think about what you need on a daily basis in order to survive. Do not include a personal CD player or microwave. Look at the items below. Create a list of items you need **most in order to survive**.

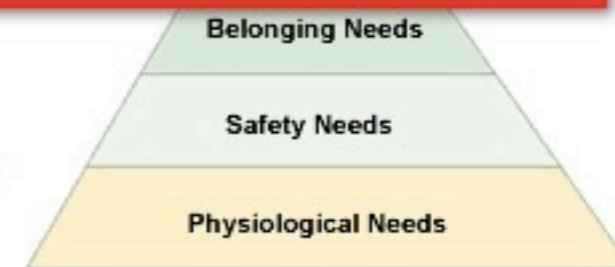
- | | | | |
|---|---|--|---|
| <ul style="list-style-type: none">• air conditioning• shelter• clothing• education• pets• food | <ul style="list-style-type: none">• oxygen• toilet paper• shampoo• health• electricity• computer | <ul style="list-style-type: none">• refrigerator• water• books• heat• tools• fuel | <ul style="list-style-type: none">• self-esteem• bed• stereo• phone• medicine• friends |
|---|---|--|---|

What was at the top of your list? What do you need most in order to survive each day? Probably the most important were oxygen, water, and food. Without these, humans cannot survive for more than a few minutes, hours, or days. At the bottom of the list is probably the computer, books, and stereo. While it is nice to have these things, they are not necessary for basic survival.

Hierarchy of Needs

We are all motivated by needs. American that some needs are considered more important than others. One need must be satisfied before one can move on to meet another. For example, if you are hungry and thirsty, you will probably try to get something to drink before something to eat. After all, you can go without food for weeks, but you can only go without water for a couple of days. Thirst is a stronger need than hunger. On the other hand, if you are very thirsty but someone is choking you, which need is greater? The need to breathe, of course!

Maslow's hierarchy of needs help to determine what is a basic physiological need (breathing, eating, drinking) , up to self-actualization which includes being a musician, an artists, a baseball player, a teacher, a cook, etc (what your life goals are to feel fulfilled)



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Understanding this theory will help you later in this assignment when you are asked to identify stress factors that may affect someone's ability to meet their basic needs. **Stress would mean the measure of concern or pain caused by not being able to meet one's basic needs.** This is known as **Maslow's Hierarchy of Needs Theory.**



- Briefing
- Assignment
- Report

Lesson 3.02 Using Demog

Your editor has asked that you help gather some background information. To do this, you need to analyze the statistical data found in demographics of stress facing people around the world.

You are going to analyze data for each continent and all countries within the world. Click and open the "Work File GNN", then open the "World Population and The Environment Data Sheet" You will need Adobe Reader to open this file. It is free to download, do a search for it if you are unable to open the "Data Sheet".



1. Open and print the work file.
2. Visit The Population Reference Bureau website and click on [Environment Data Sheet](#).
3. Place the printed work file and the data sheet in your notebook.
4. Answer the questions for this assignment. [Read the file.](#)
5. Use the work file and the answers to the questions to help you complete the assessment.

Submit Your Work

- Once you have completed the work file, you will use it to submit the **3.02 Using Demographics** assessment.



[How will you be graded on this assessment?](#)

Are all necessary pages printed and placed in your notebook?

To the right is the data sheet and below is the work file. Have a calculator available to figure the data needed for the work file.

As you can see there is information for the World, each region (Africa, Europe, North America, Latin American & Caribbean, Asia and Oceania), and countries within each regions.

Take a look at each set of data, these are basic needs that need to be met. As we look at the data, some countries will show to be more under stress than others. Fill out the work file to help determine this information.

WORLD POPULATION AND THE ENVIRONMENT DATA SHEET

	Population (millions) mid-1996	Natural Increase (annual, %)	Projected Population (millions) 2025	Child Mortality Rate (< age 5) per 1,000 1994	Percent Under Age 5 Underweight 1980-94	Water Available Per Capita (cubic meters)		Percent with Access to Safe Water 1990-95	Percent with Adequate Sanitation 1990-95	Cropland Available Per Capita (hectares)		GNP Per Capita Adjusted for PPP (US\$) 1994	CO ₂ Emissions Per Capita (metric tons) 1992
						1990	2025			1990	2025		
WORLD	5,771	2	8,193	—	—	—	—	—	—	—	—	—	—
AFRICA	732	3	1,462	—	—	—	—	—	—	—	—	—	—
Algeria	26.6	0.2	47.5	45	9	690	378	79	77	0.31	0.17	5,330	3.02
Angola	10.6	1.1	14.5	2	—	17,185	5,936	32	16	0.37	0.13	—	—
Argentina	36.7	0.1	41.5	6	15	14,107	6,040	93	55	1.08	0.46	5,320	1.60
Armenia	4.4	0.1	4.5	9	30	3,116	1,293	78	18	0.40	0.16	770	0.06
Australia	17.5	0.1	18.5	14	14	18,046	7,130	50	50	0.61	0.24	1,970	0.18
Austria	8.2	0.1	8.5	2	—	6,843	2,944	24	—	0.58	0.25	740	0.04
Azerbaijan	7.0	0.1	7.5	12	12	6,180	2,010	72	54	0.31	0.10	1,340	0.49
Bahamas	0.3	0.1	0.3	9	9	1,046	605	80	50	0.05	0.03	3,610	1.54
Bahrain	0.2	0.1	0.2	48	48	2,320	867	25	19	0.29	0.11	410	0.05
Barbados	0.3	0.1	0.3	27	27	3,529	1,395	56	42	0.18	0.07	2,020	0.24
Belarus	10.9	0.1	11.5	—	—	39,270	14,979	55	21	0.13	0.05	—	0.17
Belgium	10.0	0.1	10.5	22	22	635	237	53	77	0.10	0.04	1,350	0.22
Belize	0.4	0.1	0.4	39	39	3,182	1,162	29	3	0.25	0.09	670	0.08
Benin	4.4	3.1	6.5	37	37	6,730	2,523	37	31	0.23	0.09	520	0.05
Bhutan	0.6	0.1	0.6	9	9	1,151	689	55	41	0.38	0.23	3,440	1.08
Bolivia	7.7	0.1	8.5	—	—	4,088	1,651	33	20	0.22	0.09	550	0.07
Bosnia and Herzegovina	4.0	0.1	4.0	36	36	5,691	1,966	54	15	0.47	0.16	800	0.13
Brazil	151.3	0.1	156.3	36	36	3,203	1,292	40	35	0.34	0.14	1,430	0.95
Bulgaria	8.0	0.1	8.0	29	29	902	399	66	58	0.17	0.07	—	0.06
Burkina Faso	5.5	2.0	7.5	20	20	4,777	2,071	52	58	0.32	0.14	1,660	0.36
Burundi	6.8	1.1	8.9	—	—	1,349	705	70	—	0.36	0.19	—	7.49
Canada	31.2	0.1	32.2	20	20	4,913	2,069	60	22	0.52	0.22	—	—
Cape Verde	0.5	0.1	0.5	29	29	2,969	1,208	50	64	0.13	0.05	—	0.08
Chad	10.4	1.0	12.4	10	10	540	328	99	96	0.60	0.37	4,960	1.60
Chile	15.5	0.1	16.5	23	23	3,677	1,373	34	57	0.37	0.14	940	0.05
China	1,211.6	0.1	1,241.6	28	28	27,220	9,738	27	23	0.21	0.08	—	—
Colombia	33.3	0.1	34.3	25	25	11,779	5,018	50	37	0.65	0.28	1,000	0.29
Costa Rica	4.1	0.1	4.1	12	12	2,323	1,172	77	66	0.28	0.14	2,040	1.82
Cuba	11.5	0.1	11.5	—	—	—	—	—	—	—	—	—	—

File

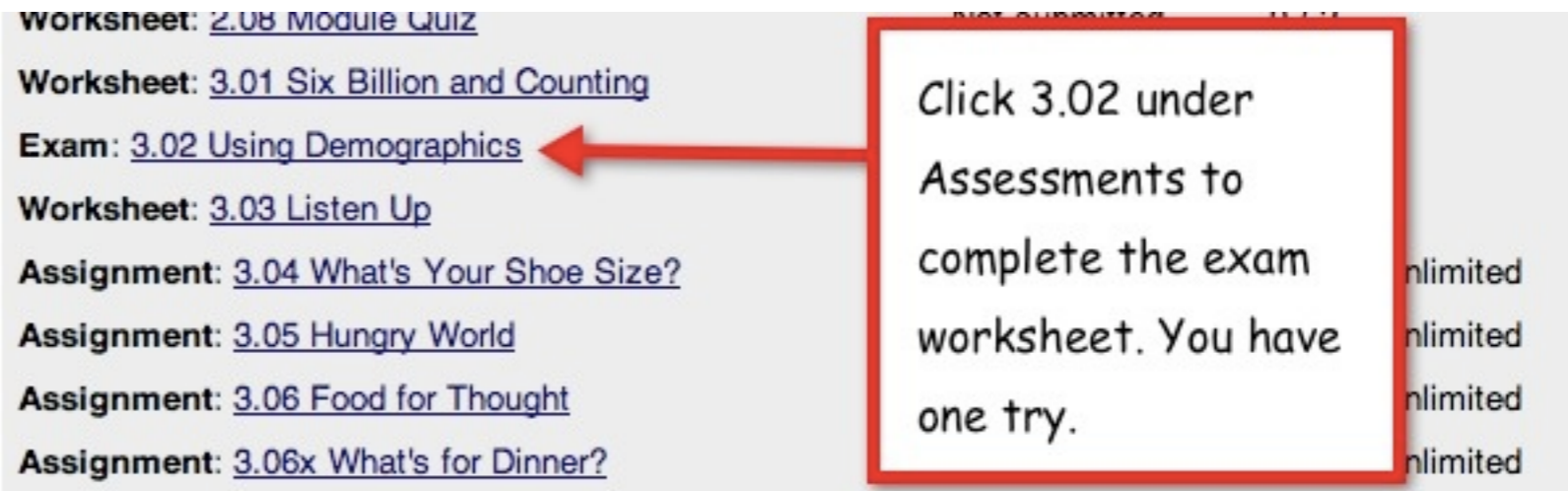
Directions: Use this work file to help you organize the information you will need in order to complete the assessment for this lesson. For best results, use the link provided in the lesson to **print out** the World Population and the Environment Data Sheet.

Part A

World Population	Africa	Europe	North America	Latin America & Caribbean	Asia	Oceania
What percentage of the world's population did each continent or region have in 1996? <i>Hint: divide continent's population by total world population (round to whole number)</i>	13%					
What percentage of the world's population is each continent or region expected to have in 2025? <i>Hint: divide continent's population by total world population (round to whole number)</i>		9%				
Is the percentage of the world's population for the continent or region expected to increase or decrease and						

3.02 Assessment

- Under the “Assessment” button, click on 3.02 Using Demographics.



The screenshot shows a list of course items with the following text:

- Worksheet: [2.08 Module Quiz](#)
- Worksheet: [3.01 Six Billion and Counting](#)
- Exam: [3.02 Using Demographics](#)
- Worksheet: [3.03 Listen Up](#)
- Assignment: [3.04 What's Your Shoe Size?](#)
- Assignment: [3.05 Hungry World](#)
- Assignment: [3.06 Food for Thought](#)
- Assignment: [3.06x What's for Dinner?](#)

A red callout box with a white background and a red border is positioned to the right of the 'Exam: 3.02 Using Demographics' link. A red arrow points from the callout box to the link. The callout box contains the text: "Click 3.02 under Assessments to complete the exam worksheet. You have one try." To the right of the callout box, the word "unlimited" is repeated four times vertically.

- This is an exam so you only have one chance to complete it. Use your work file, it is invaluable. The last two questions ask which countries are stressed and which are not stressed. Use data to explain why you chose the countries you did. Do not choose regions / continents - only choose countries. Put data (numbers) in your answer.

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- <http://flvsgs.weebly.com/>

- <http://tiny.cc/sageappt>