

Facilitation Tips and Handouts for Making Population Real Training Sessions

The training PowerPoint presentations accompany the following handouts. Tips for facilitating each session are also provided.

Training Sessions* at a Glance

* Exception: Training sessions for Population Fundamentals and People on the Move have not been developed, but basic information about these lesson plans is included in this table.

PRB Lesson Plan Titles	Population Issues and Concepts	Tools	Materials Needed	Handouts Needed
1. Population Fundamentals	<ul style="list-style-type: none"> - Basic terms - Population growth - Development - Age-dependency ratio 	<ul style="list-style-type: none"> - Definitions - Bar chart - Age-sex graph (population pyramid) 	Training session not developed	
2. The Demographic Transition	<ul style="list-style-type: none"> - Classic model of demographic transition - Recent patterns of demographic transition - Population growth - Development 	<ul style="list-style-type: none"> - Line graphs - The demographic transition model 	<ul style="list-style-type: none"> - Graphing paper - Pencils - Erasers 	<ul style="list-style-type: none"> - Data for Graphing - Data Tables
3. Populations in the Path of Natural Hazards	<ul style="list-style-type: none"> - Human & natural impacts of settlement in storm-prone areas - Population density - Population distribution - Geographic mobility 	<ul style="list-style-type: none"> - Population distribution maps - Weather data 	3 different colors of pens or markers	<ul style="list-style-type: none"> - Florida-Caribbean outline map - <i>Color</i> printouts of the 1995-2006 storm track data - "Deadliest" storms 1851-2004 - "Costliest" storms 1900-2004
4. HIV/AIDS & Contemporary Population Dynamics	<ul style="list-style-type: none"> - HIV/AIDS - Effects of income, age, gender, etc., on disease rates - Changing death rates - Regional differences 	<ul style="list-style-type: none"> - Line graphs - Choropleth maps 	5 different colors of pencils for each group	<ul style="list-style-type: none"> - AIDS Cases (per 100,000) by State, 2001-2002 (2 pages) - Blank Map of the United States
5. Population Policy—Progress Since Cairo	<ul style="list-style-type: none"> - International population policy - Gender and development - Population growth - Women's empowerment 	<ul style="list-style-type: none"> - Gender analysis - Data tables - Human Development Index 	Pens or pencils	<ul style="list-style-type: none"> - Evaluating the Status of Women and Children in Africa - The Data Collection Sheets (multiple pages) - Human Development Report Data Table (multiple pages)
6. People on the Move	<ul style="list-style-type: none"> - Internal U.S. migration - Migration within students' state - Mobility - Push and pull factors 	<ul style="list-style-type: none"> - Line graphs - Choropleth maps 	Training session not developed	
7. Global Migration Patterns	<ul style="list-style-type: none"> - Immigration - Ethnicity - Composition and structure of population - Refugees (not part of training session) 	<ul style="list-style-type: none"> - Line graph - Age-sex graphs (population pyramid) 	<ul style="list-style-type: none"> - Graphing paper - Pencils - Calculators 	<ul style="list-style-type: none"> - Immigration by Region of Last Residence - Blank Age-Sex Graph - U.S. Population Data by Age Group

Making Population Real—Lesson Plan 7: Global Migration Patterns

Tips for Facilitating this Training Session

General Description of the Lesson Plan

Student Activities and Exercises:

1. Population Movement to the United States
 - Read and discuss background
 - Graph changing rates of immigration to U.S. (*included in workshop presentation*)
 - Map countries of origin and states of destination
2. Immigrants in the United States (*included in workshop presentation*)
 - Create population pyramid for U.S.
 - Create pyramid for immigrants in U.S.
3. People Without a Place to Call Home
 - Research refugee groups worldwide

(For more detail about these activities, see the actual lesson plans at www.prb.org/educators.aspx)

Focus Area(s) for This Training Session

This training session provides an approach for understanding immigration to the United States and includes two graphing activities described in the lesson plan. During the session, participants will explore how to help students create line graphs to identify major international migration streams over time. Participants will also learn techniques for working with students on creating population pyramids to evaluate the impact of migration on the United States' population structure.

Recommended Reading in Preparation for This Session: “Immigration: Shaping and Reshaping America,” *Population Bulletin* 61.4, pages 3-4, 8-11, and 16-23 (pages correspond to the introduction and the following sections: Four Waves of Immigration, Immigration and U.S. Population, Economic Effects of Immigration).

Materials Needed

- “GlobalMigrat” PowerPoint presentation
- Graphing paper, pencils with erasers, and possibly calculators for each participant

Handouts Needed (following this page)

- Immigration by Region of Last Residence
 - Blank Age-Sex Graph
 - U.S. Population Data by Age Group
- 1 copy per person/group

Group Size: 2-4 people

General Guidance for Carrying Out a 45-Minute Session

- Introduction: Introduce yourself and the topic by reviewing slides 1-5 (5 minutes).
- Overview: Review content on slide 6 (3 minutes).
- Line graph work: At slide 7, break the room into groups and distribute the first handout of data, graphing paper, pencils, and erasers. Assign a region to each group and then ask everyone to follow the instructions on slide 8 to create their graphs. (10 minutes).
- Discussion: With slide 9, have each group report to the full session and open up a discussion with all participants (5 minutes).
- Pyramid work: At slide 10, introduce the 2nd group activity, distribute the remaining handouts, and assign a pyramid to each group for them to create. (12 minutes).
- Discussion 2: At slide 14, have each group share the population pyramid they created and carry out the discussion. (5 minutes).
- Wrap up: Use slide 15 to wrap up the activity and spend the last 5 minutes on the final slides introducing the full lesson plan, Making Population Real, and PRB (5 minutes).

For 3-hour workshop: If you are using these materials as a part of the 3-hour workshop, omit the last four slides (#16-19), as you'll have covered them with the Overview presentation about Making Population Real and PRB.

Immigration by Region of Last Residence, Fiscal Years 1820-2000

Years	Europe	Asia	North & South Americas	Africa	Oceania
1820	7,690	6	387	1	1
1821-30	98,797	30	11,564	16	2
1831-40	495,681	55	33,424	54	9
1841-50	1,597,442	141	62,469	55	29
1851-60	2,452,577	41,538	74,720	210	158
1861-70	2,065,141	64,759	166,607	312	214
1871-80	2,271,925	124,160	404,044	358	10,914
1881-90	4,735,484	69,942	426,967	857	12,574
1891-1900	3,555,352	74,862	38,972	350	3,965
1901-10	8,056,040	323,543	361,888	7,368	13,024
1911-20	4,321,887	247,236	1,143,671	8,443	13,427
1921-30	2,463,194	112,059	1,516,716	6,286	8,726
1931-40	347,566	16,595	160,037	1,750	2,483
1941-50	621,147	37,028	354,804	7,367	14,551
1951-60	1,325,727	153,249	996,944	14,092	12,976
1961-70	1,123,492	427,642	1,716,374	28,954	25,122
1971-80	800,368	1,588,178	1,982,735	80,779	41,242
1981-90	761,550	2,738,157	3,615,225	176,893	45,205
1991-2000	1,359,737	2,795,672	4,486,806	354,939	55,845

Source: Dept. of Homeland Security, Yearbook of Immigration Statistics: 2004, Table 2,
 Accessed at www.dhs.gov/xlibrary/assets/statistics/yearbook/2004/table2.xls on January 4, 2007.

Age-Sex Graph

Location: _____ Year: _____

MALE

FEMALE

	95+ yrs.	
	90-94 yrs.	
	85-89 yrs.	
	80-84 yrs.	
	75-79 yrs.	
	70-74 yrs.	
	65-69 yrs.	
	60-64 yrs.	
	55-59 yrs.	
	50-54 yrs.	
	45-49 yrs.	
	40-44 yrs.	
	35-39 yrs.	
	30-34 yrs.	
	25-29 yrs.	
	20-24 yrs.	
	15-19 yrs.	
	10-14 yrs.	
	5-9 yrs.	
	0-4 yrs.	

10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10
PERCENT **PERCENT**

U.S. Population Data by Age Group

Age Group	Total Population (2000)		Immigrant Population (2003)		Hispanic Population (2000)	
	Male	Female	Male	Female	Male	Female
0-4 yrs	9785707	9291047	15471	21175	1877258	1791647
5-9 yrs	10555503	10052779	18326	17952	1862985	1772505
10-14 yrs	10577571	10040628	23227	22298	1633786	1549582
15-19 yrs	10243740	9664312	31019	30605	1644556	1455382
20-24 yrs	9705979	9320001	26898	38216	1851331	1529077
25-29 yrs	9682926	9529318	39204	52497	1788118	1543703
30-34 yrs	10219811	10145302	45043	51135	1656321	1472333
35-39 yrs	11471622	11611715	32192	38030	1508636	1409339
40-44 yrs	11325993	11496141	22538	29026	1206457	1172473
45-49 yrs	9924965	10256162	17171	22443	891252	900095
50-54 yrs	8500612	8896870	12589	17482	659247	695726
55-59 yrs	6454809	6928442	9266	14158	438105	496153
60-64 yrs	5114578	5673401	8114	12449	331757	399452
65-69 yrs	4415402	5153797	11,521	16,683	260815	330126
70-74 yrs	390173	4991777	NA	NA	203708	272815
75-79 yrs	3008302	4377481	3,631	5,338	131304	187277
80-84 yrs	1815117	3116362	NA	NA	65402	108434
85+ yrs	1203376	2957185	NA	NA	45309	96020
Total All Yrs	134396186	143502720	316210	389487	18056347	17182139

Note 1: Immigrant population 65-74 years and 75 years and older.