

Space, Culture, and Urban Policy: Integrating GIS into Social Science Research Methods Courses

Data for Modules I

Phase I Report (rev.)

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INTERNATIONAL DATA SETS

Asian Development Bank City Data

Description

The Cities Data Book, published by the Urban Indicators for Managing Cities Program of the Asian Development Bank, employs the urban indicator system to track urban conditions and trends in 18 cities in the Asia and Pacific region. The cities were selected to give a cross-section view of the types of cities that are emerging in the region. The 140 indicators range from population and settlement to health and education to municipal services to governance.

The dataset was extracted from the Cities Data Book (CDB) Database (de Villa, Victoria and Matthew S. Westfall, eds. 2001. *Urban Indicators for Managing Cities: Cities Data Book*. Manila: Asian Development Bank). The Cities Data Book was downloaded June 2003 from http://www.adb.org/Documents/Books/Cities_Data_Book/default.asp. Out of 279 variables, 68 variables were selected. The data was entered manually into Microsoft Excel 2000 from paper summary tables and spot-checked for accuracy. The dataset was then converted to dBASE IV format using Microsoft Excel 2000.

Asian Development Bank City Data Codebook

Variable Name	Section	Topic	Original Name	Unit of Measurement
ESRI_CTY		Geographic	ESRI City Name	GIS join field to Cities.shp, city_name attribute
ESRI_CNT		Geographic	ESRI Country Name	GIS join field to Cities.shp, cntry_name attribute
CITY_CNT		Geographic	ESRI City and Country Names	GIS join field to Cities.shp, city_cnt attribute
CITY		General	City Name	
URBS	1.1	Urbanization	Urbanization (%)	Percent of population
CITYPOP	1.2.1	City Population	Resident population of municipal area ('000)	Persons in thousands
PCHGPOP	1.2.3	City Population	Annual rate of Population Increase (%)	Percent increase
MIGCITY	1.3.1	Annual Net Migration	Other parts of the city net ('000)	Persons in thousands
MIGCOUNT	1.3.2	Annual Net Migration	Other parts of the country net ('000)	Persons in thousands
MIGINTL	1.3.3	Annual Net Migration	International migration net ('000)	Persons in thousands
MIGNET	1.3.4	Annual Net Migration	Total net migration ('000)	Persons in thousands
POPDEN	1.4	Population Net Density	Population Density (persons/ha)	Persons per hectare
AVGHHSZ	1.6	Average household size	Persons per household	Persons per household
PWOMHDHH	1.8	Women-headed household	Percent women-headed household	Percent of households
PSGLPAR	1.10.3	Household type	Percent single parent family	Percent of households
INFSTPOP	1.11.1	Informal Settlement	Population ('000)	Population in thousands
INFSTHH	1.11.2	Informal Settlement	Households ('000)	Households in thousands
INFSTOCC	1.11.3	Informal Settlement	Land Occupied (ha)	Number of hectares
AVGINCQ5	2.1 Q5	Income Distribution	Q5. Top 20%, Average income on range (\$)	Average annual income in US dollars
AVGINCQ4	2.1.2 Q4	Income Distribution	Q4. Next 20%, Average income on range (\$)	Average annual income in US dollars
AVGINCQ3	2.1.3 Q3	Income Distribution	Q3. Middle 20%, Average income on range (\$)	Average annual income in US dollars
AVGINCQ2	2.1.4 Q2	Income Distribution	Q2. Next Bottom 20%, Average income on range (\$)	Average annual income in US dollars
AVGINCQ1	2.1.5 Q1	Income Distribution	Q1. Bottom 20%, Average income on range (\$)	Average annual income in US dollars

Asian Development Bank City Data Codebook (cont.)

Variable Name	Section	Topic	Original Name	Unit of Measurement
HHBELPOV	2.2	HH Below Poverty Line	Percent households below poverty line	Percent of households
HHBELDOL			HH Below Poverty line-\$1 a day	Number of households
WHDHHPOV	2.3	Women-headed households in poverty	Women-headed households in poverty (%)	Percent of women-headed households
INFOEMP	2.5	Informal Employment	Informal Employment (%)	Percent of total workforce
UNEMPLOY	2.6	Underemployment	Underemployment (%)	Percent of total workforce
POVEXP	2.7	Expenditure on Poverty Reduction	Expenditure on Poverty Reduction (\$ per poor person)	US dollars per poor person
LIFEEXP	3.3	Life Expectancy at Birth	Life Expectancy at Birth (years)	Number of years
ADULTLIT	3.6	Adult Literacy Rate	Adult Literacy Rate (%)	Percent of adult population
CITYPPC	4.1	City Product per Capita	City Product per Capita (\$)	Total city product per year divided by population, in US dollars
CPPPPADJ		City Product PPP Adjusted	City Product Purchasing Power Parity Adjusted (\$) not defined	
HH_FOOD	4.3.1	Household Expenditure	Food (%)	Percent of average household income
HH_SHLTR	4.3.2	Household Expenditure	Shelter (%)	Percent of average household income
HH_TRVL	4.3.3	Household Expenditure	Travel (%)	Percent of average household income
R_D	5.1	R & D Expenditure	Research & Development Expenditure (\$)	not defined
TELLOCAL	5.2.1	Telephone Traffic	Local Telephone traffic (calls per person per year)	Number of calls per annum per person
TELINTL	5.2.2	Telephone Traffic	International Telephone traffic (calls per person per year)	Number of calls per annum per person
TELMOB	5.2.3	Telephone Traffic	Mobile Telephone traffic (calls per person per year)	Number of calls per annum per person
INTERNET	5.3	Internet Hosts	Internet Hosts (per '000 population)	Number per thousand population
CONNECT			Connectivity index	measures the extent to which the city is connected to the rest of the world
CONGEST			Congestion index	measures crowding
LDM	6.2	Land Developer Multiplier	Land Developer Multiplier	ratio between the median price of land in a developed plot at the urban fringe in a typical subdivision and the median price of raw, undeveloped land in an area currently being developed

Asian Development Bank City Data Codebook (cont.)

Variable Name	Section	Topic	Original Name	Unit of Measurement
PLANTIME	6.4	Urban Land Planning	Median Time for Planning Permission (month)	Number of months
GOVTLAND	6.7.1	Vacant Government Land	Amount of Land Owned by Government, Parastatals, or Enterprises (ha)	Number of hectares
VGVTLAND	6.7.2	Vacant Government Land	Proportion of this Land (GOVTLAND) which is Vacant	Percent of vacant government land
COMMLLND	6.8	Prime Commercial Land Price	Prime Commercial Land Price (\$ per m2)	US dollars per square meter
PRIMRENT	6.9.1	Prime Rental and Occupancy Costs	Prime Rental per Month (\$ per m2)	US dollars per square meter
OWNHOME	7.2.1	Tenure Type	Owned & Purchased Housing (%)	Percent of households
RENTHOME	7.2.2	Tenure Type	Private Rental Housing (%)	Percent of households
SOCLHOME	7.2.3	Tenure Type	Social Housing (%)	Percent of households
HOME2INC	7.3	House Price to Income Ratio	House Price to Income Ratio (%)	Ratio of median house price to median household income
RENT2INC	7.4	House Rent to Income Ratio	House Rent to Income Ratio (%)	Ratio of median annual rent to median annual renter household income
FLORAREA	7.5	Floor Area per Person	Housing Floor Area per Person (m2)	Square meters
FMLMORTG	7.9	Mortgage Loans for Women	Mortgage Loans for Women (%)	not defined
HCONWAT	8.1.1	Water	Household connections (%)	Percent of households
HCONELEC	8.2.1	Electricity	Household connections (%)	Percent of households
HCONPHON	8.4.1	Telephone	Household connections (%)	Percent of households
HCONWAST	8.5.1	Solid Waste Collection	Household connections (%)	Percent of households
SOLWASTE	9.1	Solid Waste Generated	Solid Waste Generated (tons per person per annum)	Tons per annum per person
TREATW	9.3	Wastewater treated	Wastewater treated (%)	Percent of total wastewater
AUTO	10.1.1	Mode of Travel	Trips to work by private auto (%)	Percent of trips to work
RAIL	10.1.2	Mode of Travel	Trips to work by train, tram or light rail (%)	Percent of trips to work
BUS	10.1.3	Mode of Travel	Trips to work by bus or mini bus (%)	Percent of trips to work

Asian Development Bank City Data Codebook (cont.)

Variable Name	Section	Topic	Original Name	Unit of Measurement
MOTORC	10.1.4	Mode of Travel	Trips to work by motorcycle or motorized vehicle (%)	Percent of trips to work
BIKE	10.1.5	Mode of Travel	Trips to work by bicycle including pedicab (%)	Percent of trips to work
WALK	10.1.6	Mode of Travel	Trips to work by walking (%)	Percent of trips to work
OTH_TRAV	10.1.7	Mode of Travel	Trips to work by other means, including boat, taxi, animal, rickshaw (%)	Percent of trips to work
COMMUTE	10.2	Median Travel Time	Median Travel Time (minutes)	Time in minutes
OWNCAR	10.5	Automobile Ownership	Automobile Ownership (per '000 pop)	Ratio of automobiles per 1,000 persons of driving age

Values -9 Not Available
 -99 Not Applicable

Global Cities Data

Description

This dataset was originally published as a table in P.J. Taylor's "Worlds of Large Cities: Pondering Castells' Space of Flows" (*Third World Planning Review*, 21 (3), iii-x, <http://www.lboro.ac.uk/gawc/rb/rb14.html>). In the article, Taylor re-examines Manuel Castells's idea of "dependent urbanization" within the context of contemporary globalization. He draws upon Castells's *The Rise of Network Society* (1996) to focus in part upon global and mega-city classifications. The concept of a global city, Taylor notes, tends toward the realm of social science, whereas mega-city has been promoted in the policy arena, most notably by the United Nations, which defines a mega-city as a city with a population above eight million. How the two classifications relate is unclear, however.

Global cities "are centers of advanced services creating new knowledges within a network of information flows. This is deemed 'critical for the distribution of wealth and power in the world' (Castells, 386)." Furthermore, Taylor notes, "'(t)he global city is not a place, but a process' (Castells, 386). In other words, cities accumulate and retain wealth and power because of what flows through them. Embedding cities in a space of flows crucially directs our attention beyond simple concern for what cities contain (the case study approach) to their connections with other cities (the relational approach) which has been relatively neglected (Beaverstock *et al.*, 2000)."

Mega-cities, on the other hand, are defined not by their size, but as "nodal points, and the power centres of the new spatial form/process of the information age: the space of flows' (Castells, 410)." While this definition is very close to that of a global city, "the original megacity form takes on a whole raft of processes: the economic power of global cities is conflated with further powers such as media control, 'real' political power, and symbolic creation and diffusion (Castells, 403). By adding these properties to the initial demography, which in Castells' terms becomes the 'depositories' of large numbers of poor people fighting for their survival outside the informational world (Castells, 404), Castells' megacities are the critical places where the space of flows is physically proximate to the disconnected masses." Taylor adds that "(f)or Castells, megacities represent the future. Whereas his discussion of global cities is about the contemporary situation, megacities are labelled 'third millennium urbanisation' (Castells, 403) because 'the future of humankind ... is being played out in the evolution and management of these areas' (Castells, 410)."

The purpose of the table is to compare those cities which Manuel Castells defines as global with those which he defines as mega-cities. It is important to note that neither list of cities is considered complete.

The dataset contains 34 cities and three variables. The process by which the dataset was created is unknown.

Global City Data Codebook

Variable Name	Variable Label	Description
ESRI_CTY	ESRI City Name	GIS join field to Cities.shp, city_name attribute
ESRI_CNT	ESRI Country Name	GIS join field to Cities.shp, cntry_name attribute
CITY_CNT	ESRI City and Country Names	GIS join field to Cities.shp, city_cnt attribute
city	City	
country	Country	
global	Global City	City is classified as a global city
mega	Mega-City	City is classified as a mega-city
globmeg	Global and Mega-City	City is classified as both a global and mega-city

UN Millenium Indicators Data

Description

In September 2000 147 heads of State and Government, and 189 nations in total, in the United Nations Millennium Declaration [A/RES/55/2] committed themselves to making the right to development a reality for everyone and to freeing the entire human race from want. They acknowledged that progress is based on sustainable economic growth, which must focus on the poor, with human rights at the centre. The objective of the Declaration is to promote "a comprehensive approach and a coordinated strategy, tackling many problems simultaneously across a broad front."

The Declaration calls for halving by the year 2015, the number of people who live on less than one dollar a day. This effort also involves finding solutions to hunger, malnutrition and disease, promoting gender equality and the empowerment of women, guaranteeing a basic education for everyone, and supporting the Agenda 21 principles of sustainable development. Direct support from the richer countries, in the form of aid, trade, debt relief and investment is to be provided to help the developing countries.

To help track progress, the United Nations Secretariat and the specialized agencies of the UN system, as well as representatives of IMF, the World Bank and OECD defined a set of time-bound and measurable goals and targets for combating poverty, hunger, disease, illiteracy, environmental degradation and discrimination against women. International experts also selected relevant indicators to be used to assess progress over the period from 1990 to 2015, when targets are expected to be met. A framework of 8 goals, 18 targets and 48 indicators was adopted. Each year, the Secretary-General will prepare a report on progress achieved towards implementing the Declaration, based on data on the 48 selected indicators, aggregated at global and regional levels.

In close collaboration with United Nations agencies and funds, the World Bank, IMF, and OECD, the United Nations Statistics Division coordinates data analysis and maintains the database containing the series related to the selected indicators, as well as other background series intended to supplement the basic 48 Millennium indicators, for more in-depth analysis.

The figures presented in the database are from international series compiled by the various agencies. The availability of data necessary to calculate the indicators in each country depends on the capacities of the national statistical services. In many instances-when country data are not available or are affected by serious quality problems- estimates are used.

Equality Indicators Data Description

The third goal of the UN Millennium Declaration is “to promote gender equality and empower women.” The target to achieve this goal is “to eliminate gender disparity in primary and secondary education, preferably by 2005, and to all levels of education no later than 2015.” The UN has developed the following indicators to measure progress toward achievement of this goal:

- Ratio of girls to boys in primary, secondary and tertiary education
- Ratio of literate women to men of 15- to 24-year-olds
- Share of women in wage employment in the non-agricultural sector
- Proportion of seats held by women in national parliament

Thirty five variables for 207 countries were downloaded in comma separated values format from the United Nations Department of Economic and Social Affairs, Statistics Division, <http://milleniumindicators.un.org>. The dataset was compiled in Microsoft Excel and exported to dBASE IV format.

Equality Indicators Data Codebook

Variable Name (yy indicates year)	Millennium Indicator	Data provider and citation	Notes
ESRI_CNT	ESRI Country Name		GIS join field to Countries.shp, cntry_name attribute
Country	Country Name		
prim_yy	Girls to boys ratio, primary level enrolment	United Nations Educational, Scientific and Cultural Organization Statistical Yearbook and www.unesco.org, Paris [code 33]	Data provided annually to the Statistics Division. Series on educational attainment of the population and enrolment at third level are from the UN Statistics Division's Women's Indicators and Statistics Database CD-ROM, Version 4 (source code 46).
sec_yy	Girls to boys ratio, secondary level enrolment	United Nations Educational, Scientific and Cultural Organization Statistical Yearbook and www.unesco.org, Paris [code 33]	Data provided annually to the Statistics Division. Series on educational attainment of the population and enrolment at third level are from the UN Statistics Division's Women's Indicators and Statistics Database CD-ROM, Version 4 (source code 46).
tert_yy	Girls to boys ratio, tertiary level enrolment	United Nations Educational, Scientific and Cultural Organization Statistical Yearbook and www.unesco.org, Paris [code 33]	Data provided annually to the Statistics Division. Series on educational attainment of the population and enrolment at third level are from the UN Statistics Division's Women's Indicators and Statistics Database CD-ROM, Version 4 (source code 46).
lit_yy	Women to men parity index, as ratio of literacy rates, aged 15-24	United Nations Educational, Scientific and Cultural Organization Statistical Yearbook and www.unesco.org, Paris [code 33]	Data provided annually to the Statistics Division. Series on educational attainment of the population and enrolment at third level are from the UN Statistics Division's Women's Indicators and Statistics Database CD-ROM, Version 4 (source code 46).
nonag_yy	Women wage employment in non-agricultural sector as percentage of total non-agric. Employees	International Labour Organisation, Labour Statistics Yearbook Database (LABORSTA)(Geneva) [code 30]	These data are updated annually by ILO (laborsta.ilo.org) and provided to the Statistics Division in UNSTATS.
pmen_yy	Parliamentary seats occupied by men	Inter-Parliamentary Union (IPU), www.ipu.org [code 56]	Data refer to the situation of women in the lower or single house of the national parliaments at January of the year indicated.
pwom_yy	Parliamentary seats occupied by women	Inter-Parliamentary Union (IPU), www.ipu.org [code 56]	Data refer to the situation of women in the lower or single house of the national parliaments at January of the year indicated.

Equality Indicators Data Codebook (cont.)

Variable Name (yy indicates year)	Millennium Indicator	Data provider and citation	Notes
parl_yy	Parliamentary seats occupied by women and men	Inter-Parliamentary Union (IPU), www.ipu.org [code 56]	Data refer to the situation of women in the lower or single house of the national parliaments at January of the year indicated.
ppwom_yy	Women in parliamentary seats, per cent	Inter-Parliamentary Union (IPU), www.ipu.org [code 56]	Data refer to the situation of women in the lower or single house of the national parliaments at January of the year indicated.

Sustainability Indicators Data Description

The seventh goal of the UN Millenium Declaration is “to ensure environmental sustainability.” The target to achieve this goal is “to integrate the principles of sustainable development into country policies and programs and reverse the loss of environmental resources.” The UN has developed the following indicators to measure progress toward achievement of this goal:

- Proportion of land area covered by forest
- Ratio of area protected to maintain biological diversity to surface area
- Energy use (kg oil equivalent) per \$1 GDP (PPP)
- Carbon dioxide emissions (per capita)
- Proportion of population using solid fuels

Ten variables for 217 countries were downloaded in comma separated values format from the United Nations Department of Economic and Social Affairs, Statistics Division, <http://milleniumindicators.un.org>. The dataset was compiled in Microsoft Excel and exported to dBASE IV format.

Sustainability Indicators Data Codebook

Variable Name (yy indicates year)	Millennium Indicator	Data provider and citation	Notes
ESRI_CNT	ESRI Country Name		GIS join field to Countries.shp, cntry_name attribute
Country	Country Name		
for_yy	Forested land area as percentage of land area	Food and Agriculture Organization of the United Nations Database -- FAOSTAT (Rome) [code 32]	Data are from the FAO Web site (www.fao.org). These data are updated continuously at the FAO Web site.
	Protected area ratio to surface area	UNSD calculated from UNEP	No data available between 1999-2003
	Protected areas, sq. km.	UNEP-WCPA	No data available between 1999-2003
energ_yy	Energy supply (apparent consumption; Kg oil equivalent) per \$1000 (PPP) GDP	World Bank, World Development Indicators (annual) and www.worldbank.org [code 45]	Updated annually by the World Bank in its publication in print and CD-ROM "World Development Indicators", and www.worldbank.org
c02_yy	Carbon dioxide emissions (CO2), metric tons of CO2	United Nations Framework Convention on Climate Change and the Carbon Dioxide Information Analysis Center (CDIAC, Oak Ridge National L [code 44]	For countries not signatory to the convention, the source of the data is CDIAC.
c02pc_yy	Carbon dioxide emissions (CO2), metric tons of CO2 per capita	United Nations Framework Convention on Climate Change and the Carbon Dioxide Information Analysis Center (CDIAC, Oak Ridge National L [code 44]	For countries not signatory to the convention, the source of the data is CDIAC.
cfcs_yy	Ozone-depleting CFCs consumption in ODP metric tons	UNEP Production and Consumption of Ozone Depleting Substances 1986-1998 and database (Nairobi) [code 54]	
	Air pollution, percentage of population using biomass fuels (WHO) [code 30020]	World Health Organization, World Health Report (annual) [code 66]	No data available between 1999-2003

UN-HABITAT Global Urban Indicators Data

Description

The United Nations Centre for Human Settlements (UN-HABITAT) Global Urban Observatory program regularly collects urban indicators in a sample of cities worldwide in order to report on progress in shelter and urban development. Local and national urban observatories as well as selected regional institutions collect the data. Thirty key indicators and nine qualitative data measure performances and trends in twenty selected key areas, and to measure progress in the implementation of the Habitat Agenda. Key indicators range from land price-to-income ratio to price of water to unemployment; these are reported either with numbers, percentages, or ratios. Qualitative data give an assessment of areas which cannot easily be measured quantitatively and usually have yes or no responses. Examples of qualitative data are housing rights and local environmental plans.

The indicators are classified into five chapters and subclassified into the 20 key areas of the Istanbul +5 *Universal Reporting Format* (table 1).

Table 1: List of indicators corresponding to the 20 Habitat Agenda key areas of commitment.

<p>Shelter</p> <p>1. Provide security of tenure indicator 1: tenure types indicator 2: evictions</p> <p>2. Promote the right to adequate housing qualitative data 1: housing rights indicator 3: housing price-to-income ratio</p> <p>3. Provide equal access to land indicator 4: land price-to-income ratio</p> <p>4. Promote equal access to credit indicator 5: mortgage and non-mortgage</p> <p>5. Promote access to basic services indicator 6: access to water indicator 7: household connections</p>	<p>Economic Development</p> <p>15. Strengthen small and micro-enterprises, particularly those developed by women indicator 20: informal employment</p> <p>16. Encourage public-private sector partnership and stimulate productive employment opportunities qualitative data 5: public-private partnerships Indicator 21: city product indicator 22: unemployment</p>
<p>Social development and eradication of poverty</p> <p>6. Provide equal opportunities for a safe and healthy life indicator 8: under-five mortality indicator 9: crime rates qualitative data 2: urban violence</p> <p>7. Promote social integration and support disadvantaged groups indicator 10: poor households</p> <p>8. Promote gender equality in human settlements development indicator 11: female-male gaps</p>	<p>Governance</p> <p>17. Promote decentralisation and strengthen local authorities qualitative data 6: level of decentralization</p> <p>18. Encourage and support participation and civic engagement qualitative data 7: citizen involvement in major planning decisions</p> <p>19. Ensure transparent, accountable and efficient governance of towns, cities and metropolitan areas qualitative data 8: transparency and accountability indicator 23: local government revenue and expenditures</p>
<p>Environmental Management</p> <p>9. Promote geographically-balanced settlement structures indicator 12: urban population growth</p> <p>10. Manage supply and demand for water in an effective manner indicator 13: water consumption indicator 14: price of water</p> <p>11. Reduce urban pollution indicator 15: air pollution indicator 16: wastewater treated indicator 17: solid waste disposal</p> <p>12. Prevent disasters and rebuild settlements qualitative data 3: disaster prevention and mitigation instruments</p> <p>13. Promote effective and environmentally sound transportation system Indicator 18: travel time Indicator 19: transport modes</p> <p>14. Support mechanisms to prepare and implement local environmental plans and local Agenda 21 initiatives qualitative data 4: local environmental plans</p>	<p>International Cooperation</p> <p>20. Enhance international cooperation and partnerships qualitative data 9: engagement in international cooperation</p>

Source: UNCHS <http://www.unchs.org/programmes/guo/guo_guide.asp>

Global Urban Indicators, 1993 Dataset Description

The dataset was extracted from the UN-HABITAT Global Urban Indicators, 1993 dataset. The dataset was downloaded from http://www.unchs.org/programmes/guo/guo_indicators.asp, accessed July 1, 2003. The datasets contains 83 variables for 237 cities worldwide. The 1993 data collection saw a substantial undersampling of countries within the UN's Highly Industrialised region; for many indicators there are not really enough cities to be statistically representative. There are also no cities from the largest countries, India and China. There was also oversampling of the Latin America Caribbean region, with a number of small cities surveyed, and also of the Africa region.^a

Seventeen variables were extracted. The source data was in Microsoft Excel format <1993 GUID.xls>. The dataset was converted to dBASE IV format using Microsoft Excel 2000. The variables were renamed; please see the codebook for more information. The data was spot-checked for accuracy.

^a See Flood, J. "Analysis of Urban Indicators" (Urban Resources, April 2001).
<http://www.unchs.org/programmes/guo/guo_analysis.asp>

UN-HABITAT Global Urban Indicators Data 1993 Codebook

Variable Name	Topic	Label	Unit of Measurement
ESRI_CTY	Geographic	ESRI City Name	GIS join field to Cities.shp, city_name attribute
ESRI_CNT	Geographic	ESRI Country Name	GIS join field to Cities.shp, cntry_name attribute
CITY_CNT	Geographic	ESRI City and Country Names	GIS join field to Cities.shp, city_cnt attribute
CITY	General	City Name	
COUNTRY	General	Country Name	
REGION	General	UN Region	
SUBREG	General	UN Subregion	
COMMISS	General	UN Commission	
UNDPREG	General	United Nations Development Programme (UNDP) Region	
DEVELOP	General	Development	
POPMA	Demographics	Population Metropolitan Area	not defined
POPUA	Demographics	Population Urban Agglomeration	not defined
POORHH	Demographics	Poor Households	percentage of total households situated below the poverty line
POPGROW	Demographics	Urban Population Growth Rate	average annual growth rate of population in the urban agglomeration or in national urban areas
HHSIZE	Demographics	Household Size	average number of persons per household
WATER	Infrastructure	Households with Water Connections within Housing Unit	percentage of households
SEWER	Infrastructure	Households with Sewerage Connections within Housing Unit	percentage of households
ELECTRIC	Infrastructure	Households with Electricity Connections within Housing Unit	percentage of households
PHONE	Infrastructure	Households with Telephone Connections within Housing Unit	percentage of households
ACC2H2O	Infrastructure	Access to Water within 200 m. of Dwelling Unit	percentage of households
HPRC2INC	Affordability	House Price to Income Ratio	ratio of median free-market price of a dwelling unit and the median annual household income
RENT2INC	Affordability	Rent to Income Ratio	ratio of median annual rent of a dwelling unit and the median annual household income of renters

UN-HABITAT Global Urban Indicators Data 1993 Codebook (cont.)

Variable Name	Topic	Label	Unit of Measurement
AUTO	Transportation	Work Trips Undertaken by Private Car	percentage of total work trips
BUS	Transportation	Work Trips Undertaken by Bus/Minibus	percentage of total work trips
BICYCLE	Transportation	Work Trips Undertaken by Bicycle	percentage of total work trips
TRAVTIME	Transportation	Travel Time per One-Way Work Trip (min.)	percentage of total work trips
OWNAUTO	Transportation	Auto Ownership	not defined

Source: http://www.unchs.org/programmes/quo/quo_indicators.asp

Accessed: 1 July 2003

Global Urban Indicators Database 2 (1998) Description

The dataset was extracted from the UN-HABITAT Global Urban Indicators Database 2 (1998 data) <1998 indicator.xls>. The dataset was downloaded from http://www.unchs.org/programmes/guo/guo_indicators.asp, accessed July 1, 2003. The dataset contains 125 variables for 232 cities worldwide.

Thirty eight variables were extracted. The source data was in Microsoft Excel format <1998 indicators.xls>. The dataset was converted to dBASE IV using Microsoft Excel 2000. The variables were renamed; please see the codebook for more information. The data was spot-checked for accuracy.

UN-HABITAT Global Urban Indicators Data 1998 Codebook

Variable Name	Topic	Label	Unit of Measurement
ESRI_CTY	Geographic	ESRI City Name	GIS join field to Cities.shp, city_name attribute
ESRI_CNT	Geographic	ESRI Country Name	GIS join field to Cities.shp, cntry_name attribute
CITY_CNT	Geographic	ESRI City and Country Names	GIS join field to Cities.shp, city_cnt attribute
REGION	General	UN Region	
CITY	General	City Name	
COUNTRY	General	Country Name	
POPMA	Population	Total Population, Metropolitan Agglomeration	thousands of persons
POPUA	Population	Total Population, Urban Agglomeration	thousands of persons
OWNHOME	Tenure	Formal Ownership (Owned and Purchasing)	percentage of households
RENT	Tenure	Tenancy (Private Rental, Social Housing, and Sub-Tenants)	percentage of households
SQUAT	Tenure	Squatters (Without Rent and With Rent)	percentage of households
HPRC2INC	Affordability	House Price to Income Ratio	ratio of the median free-market price of a dwelling unit and the median annual household income
RENT2INC	Affordability	Rent to Income Ratio	ratio of the median annual rent of a dwelling unit and the median annual household income of renters
LANDHIGH	Affordability	Median Price/m2 - Highly Developed Land	US dollars per square meter
LANDRAW	Affordability	Median Price/m2 - Raw Land	US dollars per square meter
HHINC	Income	Median Household Income per Month	US dollars
POVERTY	Income	Households Below the Locally-Defined Poverty Line	percentage of households
UNEMPLOY	Income	Unemployment Rate	percentage of total workforce
ACC2H2O	Infrastructure	Access to Water within 200 m. of Dwelling	percentage of households
WATER	Infrastructure	Households with Water Connections within Housing Unit	percentage of households
SEWER	Infrastructure	Households with Sewerage Connections within Housing Unit	percentage of households
ELECTRIC	Infrastructure	Households with Electricity Connections within Housing Unit	percentage of households
PHONE	Infrastructure	Households with Telephone Connections within Housing Unit	percentage of households

UN-HABITAT Global Urban Indicators Data 1998 Codebook (cont.)

Variable Name	Topic	Label	Unit of Measurement
PRICEH2O	Infrastructure	Median Price of Water per cubic meter (US \$)	US dollars
UND5MORT	Health	Under 5 Mortality	percentage of children who die before reaching their fifth birthday
FEMLIFE	Health	Life Expectancy (Female)	number of years
MALELIFE	Health	Life Expectancy (Male)	number of years
LOCALEXP	Local Government	Local Government Expenditures per Capita (US \$)	US dollars per person averaged over the last three years
LOCALREV	Local Government	Local Government Revenues per Capita (US \$)	US dollars per annum per person (3 year average)
LOCALTAX	Local Government	Local Government Can Set Local Tax Levels	yes/no
TRAVTIME	Transportation	Travel Time per One-Way Work Trip (min.)	average time in minutes, over all modes of transport
AUTO	Transportation	Work Trips Undertaken by Private Motorized Vehicle	percentage of work trips
TRAIN	Transportation	Work Trips Undertaken by Train/Tram	percentage of work trips
BUS	Transportation	Work Trips Undertaken by Bus/Minibus	percentage of work trips
BICYCLE	Transportation	Work Trips Undertaken by Bicycle/Walking/Other	percentage of work trips
RT2HSNG	Housing Rights	Constitution or National Law Promotes the Right to Adequate Housing	yes/no
NOEVICT	Housing Rights	Constitution Includes Protection Against Eviction	yes/no
WOWNLAND	Housing Rights	Impediments to Women Owning Land	considerable/some/none
WINHERIT	Housing Rights	Impediments to Women Inheriting Land and Housing	considerable/some/none
WMORTGE	Housing Rights	Impediments to Women Taking Mortgages	considerable/some/none
BLDGCODE	Disaster Prevention	Building Codes Based on Hazard and Vulnerability Assessment	yes/no
HAZMAP	Disaster Prevention	Hazard Mapping	yes/no
ENVPLAN	Environmental Planning	Existence of Local Environmental Plan	yes/no
IMPPLAN	Environmental Planning	Local Environmental Plans Implemented	yes/no
CIVLZONE	Citizen Participation	Civil Society Involved in Alteration in Zoning	yes/no
CIVLPROJ	Citizen Participation	Civil Society Involved in Major Public Projects	yes/no

Sources: http://www.unchs.org/programmes/guo/guo_indicators.asp, accessed 1 July 2003;

http://www.unchs.org/programmes/guo/guo_guide.asp#qd7, accessed 27 August 2003.

UN-HABITAT Slum Estimates Data (2003)

Description

The UN-HABITAT Slum Estimates Data is based on data produced by the Human Settlements Statistics Questionnaire. The questionnaire, most recently administered in 1999, gathered data on population, housing, social, and economic conditions for 315 cities in 91 countries.

The task was to extract variables from the dataset. The data source is United Nations Centre for Human Settlements (UN-HABITAT) in Nairobi, Kenya. The format of the source data was in Microsoft Excel. The database was converted to dBASE format using Microsoft Excel 2000. The dataset correspondence is as follows:

Source Dataset	NSF Project Dataset
Final estimate of slum by country and region: Income aggregates	Slum by income level.xls
Africa all components Appendix A.xls	Slum_Africa region.xls
Asia all components Appendix A.xls	Slum_Asia region.xls
Europe all components Appendix A.xls	Slum_Europe region.xls
Latin all components Appendix A.xls	Slum_Latin region.xls
Oceania all components Appendix A.xls	Slum_N America and Oceania region.xls

The regional source datasets (Africa, Asia, Europe, Latin, and North America and Oceania) contained ten variables, all of which were extracted into the final datasets. The income aggregated slum estimate source dataset contained seven variables, all of which were extracted in the final dataset. The variables were renamed; please see the codebooks for more information. The data was spot-checked for accuracy.

UN-HABITAT Slum Estimates Data Codebook: Africa, Asia, Europe, Latin, and North America and Oceania Regions

Variable Name	Variable Label	Unit of Measurement
ESRI_CNT	ESRI Country Name	GIS join field to Countries.shp, cntry_name attribute
Country	Country Name	
URBPOP	Urban Population	1,000 persons
PCTURB	Percentage Urban	Percent of total population
WATER	Lack of Improved Water	Percent of urban households
SANITATN	Lack of Improved Sanitation	Percent of urban households
LIVEAREA	Lack of Sufficient Living Area	Percent of urban households
DURABLE	Lack of Durability of Housing	Percent of urban households
WT_SN	Lack of Improved Water or Improved Sanitation	Percent of urban households
WT_SN_LV	Lack of Improved Water or Improved Sanitation and Sufficient Living Area	Percent of urban households
WTSNLVDR	Lack of Improved Water or Improved Sanitation and Sufficient Living Area and Durability of Housing	Percent of urban households
PCTSLUM	Final Estimation of Number of Slum Dwellers	Percent of urban households
Values:	- No data	
Source:	UN-HABITAT Slum Estimates 2003, Appendix A	

**UN-HABITAT Slum Estimates Data Codebook:
Final Estimates of Slum by Country and Region, Income Aggregates**

Variable Name	Label	Unit of Measurement
ESRI_CNT	ESRI Country Name	GIS join field to Countries.shp, cntry_name attribute
COUNTRY	Country Name	
INCOME	Income Aggregate Group	High, Medium, Low
TOTPOP	Total Population	1,000 persons
URBPOP	Urban Population	1,000 persons
PCTURB	Percentage Urban	Percent of total population
PCTSLUM	Percent of Urban Classified Slum	Percent of urban population
SLUMPOP	Slum Population	1,000 persons
Values:	- No data	
Source:	UN-HABITAT Slum Estimates 2003, Appendix A	

World Bank Housing Indicators Data

Description

The Housing Indicators Program is a joint program of the United Nations Centre for Human Settlements and the World Bank. An extensive survey was conducted in 52 urban areas on six continents to assess the housing sector and its economic and social impacts. The survey collected housing indicators in the areas of affordability, quality, finance, production, and subsidies, and regulatory indicators on the regulatory and institutional environment, for a total of 55 indicators and 224 variables. The results were published in 1992.

The task was to extract variables from the dataset. The source was The World Bank, the Housing Indicators Program <Module12.wk1>. The following was used as a reference: UNCHS and the World Bank. 1992. *The Housing Indicators Program Extensive Survey, Part II: Indicator Modules and Worksheets* (rev. March 1992). The source data was in Lotus 1-2-3 format. Thirty variables were extracted using Microsoft Excel 2000 and converted to dBASE format also using Microsoft Excel 2000. The source datasheet contained formulas; it was necessary to convert those formulas to values in Microsoft Excel (COPY > PASTE SPECIAL: VALUES). The variables were renamed; please see the codebook for more information. The data was spot-checked for accuracy.

World Bank Housing Indicators Data 1993 Codebook

Variable Name	Topic	Label	Description	Unit of Measurement
ESRI_CTY	Geographic	ESRI City Name	GIS join field to Cities.shp, city_name attribute	
ESRI_CNT	Geographic	ESRI Country Name	GIS join field to Cities.shp, cntry_name attribute	
CITY_CNT	Geographic	ESRI City and Country Names	GIS join field to Cities.shp, city_cnt attribute	
CITY	General	City Name	City Name	---
COUNTRY	General	Country Name	Country Name	---
WBREGION	General	World Bank Region	World Bank Region	---
URBPOP	Demographics	Urban Population	Urban Population	Number of persons
HHSIZE	Demographics	Household Size	Average household size	Number of persons
URBPOPGR	Demographics	Urban Population Growth Rate	Urban Population Growth Rate	---
PRIMACY	Demographics	Population in Capital City	Population in Capital City as a Percentage of Total 1990 Population	Percentage of total 1990 population
HPRC2INC	Affordability	House Price to Income Ratio	Median free-market price of a dwelling unit to the median annual household income	1990 US Dollars / 1990 US Dollars
RENT2INC	Affordability	Rent to Income Ratio	Median annual rent to the median household income of renters	1990 US Dollars / 1990 US Dollars
HPRCAPP	Affordability	House Price Appreciation	Annual average of the percentage increase in house prices from 1986 - 1990	Percentage
MEDHSGPR	Affordability	Median House Price	Median House Price in the urban area	1990 US Dollars
MEDARENT	Affordability	Median Annual Rent	Median Annual Rent (US \$)	1990 US Dollars

World Bank Housing Indicators Data 1993 Codebook (cont.)

Variable Name	Topic	Label	Description	Unit of Measurement
LOPRUNIT	Affordability	Lowest Priced Formal Unit	Measures the degree to which the formal sector provides affordable housing to low-income families	1990 US Dollars
FLORAREA	Housing Quality	Floor Area per Person	Median usable floor area per person	Square meters per person
UNITSIZE	Housing Quality	Median Unit Size	Median dwelling unit size	Square meters
PERMUNIT	Housing Quality	Permanent Dwelling Units	Dwelling units which are likely to last 20 years or more	Percentage of dwelling units
WATER	Housing Quality	Water Connection	Percentage of dwelling units with a water connection	Percentage of dwelling units
TRAVTIME	Housing Quality	Journey to Work	Travel time per one-way work trip	Number of minutes
UNAUTHSE	Housing Quality	Unauthorized Housing	Percentage of total housing stock not in compliance with current regulations	Percentage of total housing stock
OWNOCC	Housing Quality	Owner Occupancy Rate	Percentage of households which own the dwelling units they occupy	Percentage of households
HHUNIT	Housing Quality	Households per Dwelling Unit	Total number of households to the total number of occupied dwelling units of all types	Total households / Total occupied dwelling units
PERROOM	Housing Quality	Persons per Room	Median number of persons in a dwelling unit and median number of rooms in dwelling unit	Number of persons / Number of rooms
SQTHSNG	Housing Quality	Squatter Housing	Total housing stock which is currently occupying land illegally	Percentage of total housing stock
PUBHSNG	Housing Quality	Public Housing Stock	Total dwelling units owned, managed, and controlled by the public sector	Percentage of total dwelling units

World Bank Housing Indicators Data 1993 Codebook (cont.)

Variable Name	Topic	Label	Description	Unit of Measurement
LOTSIZE		Housing Quality	Minimum Lot Size	Minimum lot size for a single family housing unit in a new 50-200 unit residential subdivision not defined
PSRVLAND		Housing Production	Price of 1 m2 of Serviced Land	Median land price of a developed plot at the urban fringe 1990 US Dollars per square meter
PRAWLAND		Housing Production	Price of 1 m2 of Raw Land	Median price of raw, undeveloped land in an area being developed 1990 US Dollars per square meter
CONSTIME		Housing Production	Construction Time	Median time from the start of construction to completion of a median-priced dwelling unit Number of months
LANDCONV		Housing Production	Land Conversion Multiplier	Median land price of an unserviced plot given planning permission to the median price of a nearby plot in rural/agricultural use without such permission 1990 US Dollars / 1990 US Dollars
LANDDEVL		Housing Production	Land Development Multiplier	Median land price of a developed plot at the urban fringe to the median price of raw, undeveloped land in an area being developed 1990 US Dollars / 1990 US Dollars
Values		-99 Missing/Not Applicable		

Source: UNCHS and the World Bank. 1992. *The Housing Indicators Program Extensive Survey, Part II: Indicator Modules and Worksheets (rev. March 1992)*.

UNITED STATES DATA SETS

Census 2000

Description

The U.S. decennial census of population and housing is a basic source of social and economic data for social science researchers. Census 2000 is the latest census, providing information about 115.9 million housing units and 281.4 million people across the United States.

The task was to create small datasets that are ready to be joined to shapefiles in ArcGIS. Select Census2000 SF1 and SF3 variables were downloaded by census tract for the Los Angeles, New York, and Washington DC MSAs.

MSA Definitions

MSA definitions by county was obtained at the Census Bureau website (<http://www.census.gov/population/estimates/metrocity/03.msa.txt>, downloaded June 30, 2003) and saved as "msa definitions.doc" (attached). These definitions were used to identify the county census tracts by which to download census variables.

TIGER Shapefiles

TIGER shapefiles were downloaded from ESRI ArcData website (http://www.esri.com/data/download/census2000_tigerline/index.html). County tract files were merged to create MSA files at the census tract level using ArcView 3.2. The data was visually checked for accuracy.

Data Information Name:	Census 2000 TIGER/Line Data
Provider:	U.S. Bureau of the Census
Coverage:	United States
Coordinate System:	Geographic coordinates NAD83 for the 48 contiguous states, NAD27 for Alaska, and Old Hawaiian Datum for Hawaii
Units:	Decimal degrees
Delivery:	Shapefile
Description:	Census tracts
Area of Coverage:	<i>California:</i> Alameda, Contra Costa, Los Angeles, Marin, Napa, Orange, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties; <i>District of Columbia:</i> District of Columbia; <i>Maryland:</i> Calvert, Charles, Frederick, Montgomery, and Prince George's Counties;

*New Jersey: Bergen, Essex, Hudson, Hunterdon,
Middlesex, Monmouth, Morris, Ocean, Passaic,
Somerset, Sussex, and Union Counties;*

Area of Coverage: *New York*: Bronx, Kings, Nassau, New York, Putnam, Queens, Richmond, Rockland, Suffolk, and Westchester Counties;
 (cont.) *Pennsylvania*: Pike County;
Virginia: Arlington, Clarke, Fairfax, Fauquier, Loudoun, Prince William, Spotsylvania, Stafford, and Warren Counties, and Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, and Manassas Park Cities; and
West Virginia: Jefferson County.

Data Type(s): Polygons

Accessed: July 1, 2003; July 2, 2003.

Census Variables

The following Census variables were downloaded at the census tract level, by state, by county, from American Factfinder (<http://factfinder.census.gov>) July 2, 2003, except where noted. The census datasets were converted from text to dBase format using Microsoft Excel 2000. The datasets were merged into MSA groupings using SPSS 10. The datasets were then converted back to dBase format using SPSS 10. The data was spot-checked for accuracy.

Summary File 1: Demographics

Variable	Variable Name	# of Subvariables	Subvariables Extracted
P1	Total Population	1	1
P7	Race (downloaded July 7, 2003)	8	8
P8	Hispanic or Latino by Race	17	17
P15	Households	1	1
P17	Average Household Size	1	1
P33	Average Family Size	1	1

Summary File 1: Housing

Variable	Variable Name	# of Subvariables	Subvariables Extracted
H3	Occupancy Status	3	3
H4	Tenure	3	3

Summary File 3: Demographics

Variable	Variable Name	# of Subvariables	Subvariables Extracted
P3	Total Population (100 Percent Count) (downloaded July 8, 2003)	1	1
P21	Place of Birth by Citizenship Status	15	3
PCT19	Place of Birth for the Foreign-Born Population	126	6

Summary File 3: Housing

Variable	Variable Name	# of Subvariables	Subvariables Extracted
H7	Tenure	3	3
H20	Tenure by Occupants per Room	13	3
H50	Kitchen Facilities	3	3
H54	Contract Rent	24	24
H69	Gross Rent as a Percentage of Household Income in 1999	11	2
H76	Median Value (Dollars) for Specified Owner-Occupied Housing Units	1	1
H85	Median Value (Dollars) for all Owner-Occupied Housing Units	1	1

Summary File 3: Immigration

Variable	Variable Name	# of Subvariables	Subvariables Extracted
P20	Household Language by Linguistic Isolation	14	7
P22	Year of Entry for the Foreign-Born Population	9	2
P24	Residence in 1995 for the Population 5 Years and Over - State and County Level	18	2

Summary File 3: Income

Variable	Variable Name	# of Subvariables	Subvariables Extracted
P52	Household Income in 1999	17	17
P53	Median Household Income in 1999 (Dollars)	1	1
P76	Family Income in 1999	17	17
P77	Median Family Income in 1999 (Dollars)	1	1
P90	Poverty Status in 1999 of Families by Family Type by Presence of Related	41	3

Children Under 18 Years by Age of
Related Children

P92	Poverty Status in 1999 of Households by Household Type by Age of Householder	59	3
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Summary File 3: Transportation

Variable	Variable Name	# of Subvariables	Subvariables Extracted
P30	Means of Transportation to Work for Workers 16 Years and Over	16	16
P32	Travel Time to Work by Means of Transportation to Work for Workers 16 Years and Over Who Did Not Work at Home	13	13

Census 2000: SF1 Demographics Codebook

P1. TOTAL POPULATION [1] - Universe: Total Population

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
P001001 Total population: Total

P7. RACE [8] - Universe: Total population

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
P007001 Total population: Total
P007002 Total population: White alone
P007003 Total population: Black or African American alone
P007005 Total population: Asian alone

P8. HISPANIC OR LATINO BY RACE [17] - Universe: Total population

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
P008001 Total population: Total
P008002 Total population: Not Hispanic or Latino
P008010 Total population: Hispanic or Latino

P15. HOUSEHOLDS [1] - Universe: Households

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
P015001 Households: Total

P17. AVERAGE HOUSEHOLD SIZE [1] - Universe: Households

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
P017001 Households: Average household size

P33. AVERAGE FAMILY SIZE [1] - Universe: Families

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data
P033001 Families: Average family size

Census 2000: SF1 Housing Codebook

p_dt_result	en
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Universe: Housing units

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data

H003001 Housing units: Total

H003002 Housing units: Occupied

H003003 Housing units: Vacant

H4. TENURE [3] - Universe: Occupied housing units

Data Set: Census 2000 Summary File 1 (SF 1) 100-Percent Data

H004001 Occupied housing units: Total

H004002 Occupied housing units: Owner occupied

H004003 Occupied housing units: Renter occupied

Census 2000: SF3 Demographics Codebook

p_dt_result	en
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 POPULATION [1] - Universe: Total population

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P003001 Total population: Total

P21. PLACE OF BIRTH BY CITIZENSHIP STATUS [15] - Universe: Total population

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P021001 Total population: Total

P021002 Total population: Native

P021013 Total population: Foreign born

PCT19. PLACE OF BIRTH FOR THE FOREIGN-BORN POPULATION [126] - Universe: Foreign-born population

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

PCT19001 Foreign-born population: Total

FORBORN Percent of tract population that is foreign-born ($PCT19001 / P003001 * 100$)

PCT19034 Foreign-born population: Place of Birth; Eastern Asia; China

CHIBORN Percent of tract population that is China-born ($PCT19034 / P003001 * 100$)

PCT19053 Foreign-born population: Place of Birth; South Eastern Asia; Philippines

PHIBORN Percent of tract population that is Philippines-born ($PCT19053 / P003001 * 100$)

PCT19100 Foreign-born population: Place of Birth; Caribbean; Trinidad and Tobago

TRINBORN Percent of tract population that is Trinidad-born ($PCT19100 / P003001 * 100$)

PCT19103 Foreign-born population: Place of Birth; Central America; Mexico

MEXBORN Percent of tract population that is Mexico-born ($PCT19103 / P003001 * 100$)

PCT19106 Foreign-born population: Place of Birth; Central America; Other Central America; El Salvador

SALVBORN Percent of tract population that is El Salvador-born ($PCT19106 / P003001 * 100$)

Census 2000: SF3 Housing Codebook

H7. TENURE [3] - Universe: Occupied Housing Units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

H007001 Occupied housing units: Total

H007002 Occupied housing units: Owner occupied

H007003 Occupied housing units: Renter occupied

H20. TENURE BY OCCUPANTS PER ROOM [13] - Universe: Occupied Housing Units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

H020001 Occupied housing units: Total

H020002 Occupied housing units: Owner occupied

oo_gt1 Occupied housing units: Owner occupied; more than 1 occupant per room (H020005 + H020006 + H020007)

oo_gt1_5 Occupied housing units: Owner occupied; more than 1.5 occupants per room (H020006 + H020007)

H020008 Occupied housing units: Renter occupied

ro_gt1 Occupied housing units: Renter occupied; more than 1 occupant per room (H020011 + H020012 + H020013)

ro_gt1_5 Occupied housing units: Renter occupied; more than 1.5 occupants per room (H020012 + H020013)

H50. KITCHEN FACILITIES [3] - Universe: Housing Units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

H050001 Housing units: Total

H050002 Housing units: Complete kitchen facilities

H050003 Housing units: Lacking complete kitchen facilities

H54. CONTRACT RENT [24] - Universe: Specified Renter-Occupied Housing Units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

H054001 Specified renter-occupied housing units: Total

H054002 Specified renter-occupied housing units: With cash rent

H054003 Specified renter-occupied housing units: With cash rent; Less than \$100

H054004 Specified renter-occupied housing units: With cash rent; \$100 to \$149

H054005 Specified renter-occupied housing units: With cash rent; \$150 to \$199

H054006 Specified renter-occupied housing units: With cash rent; \$200 to \$249

H054007 Specified renter-occupied housing units: With cash rent; \$250 to \$299

H054008 Specified renter-occupied housing units: With cash rent; \$300 to \$349

H054009 Specified renter-occupied housing units: With cash rent; \$350 to \$399

H054010 Specified renter-occupied housing units: With cash rent; \$400 to \$449

H054011 Specified renter-occupied housing units: With cash rent; \$450 to \$499

H054012 Specified renter-occupied housing units: With cash rent; \$500 to \$549

H054013 Specified renter-occupied housing units: With cash rent; \$550 to \$599

H054014 Specified renter-occupied housing units: With cash rent; \$600 to \$649

H054015 Specified renter-occupied housing units: With cash rent; \$650 to \$699

H054016 Specified renter-occupied housing units: With cash rent; \$700 to \$749

H054017 Specified renter-occupied housing units: With cash rent; \$750 to \$799

H054018 Specified renter-occupied housing units: With cash rent; \$800 to \$899

H054019 Specified renter-occupied housing units: With cash rent; \$900 to \$999

H054020 Specified renter-occupied housing units: With cash rent; \$1,000 to \$1,249

H054021 Specified renter-occupied housing units: With cash rent; \$1,250 to \$1,499

H054022 Specified renter-occupied housing units: With cash rent; \$1,500 to \$1,999

H054023 Specified renter-occupied housing units: With cash rent; \$2,000 or more

H054024 Specified renter-occupied housing units: No cash rent

Census 2000: SF3 Housing Codebook (cont.)

H69. GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1999 [11] - Universe: Specified Renter-Occupied Housing Units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

H069001 Specified renter-occupied housing units: Total

H069010 Specified renter-occupied housing units: 50 percent or more

H76. MEDIAN VALUE (DOLLARS) FOR SPECIFIED OWNER-OCCUPIED HOUSING UNITS [1] - Universe: Specified owner-occupied housing units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

H076001 Specified owner-occupied housing units: Median value

H85. MEDIAN VALUE (DOLLARS) FOR ALL OWNER-OCCUPIED HOUSING UNITS [1] - Universe: Owner-occupied housing units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

H085001 Owner-occupied housing units: Median value

Census 2000: SF3 Immigration Codebook

P20. HOUSEHOLD LANGUAGE BY LINGUISTIC ISOLATION [14] - Universe: Households

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P020001 Households: Total
P020003 Households: Spanish
P020004 Households: Spanish; Linguistically isolated
P020005 Households: Spanish; Not linguistically isolated
P020009 Households: Asian and Pacific Island languages
P020010 Households: Asian and Pacific Island languages; Linguistically isolated
P020011 Households: Asian and Pacific Island languages; Not linguistically isolated

P22. YEAR OF ENTRY FOR THE FOREIGN-BORN POPULATION [9] - Universe: Foreign-born population

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P022001 Foreign-born population: Total
In90_00 Foreign-born population: 1990 to March 2000 (P022002 + P022003)
In65_89 Foreign-born population: 1965 to 1989 (P022004 + P022005 + P022006 + P022007 + P022008)
P022009 Foreign-born population: Before 1965

P24. RESIDENCE IN 1995 FOR THE POPULATION 5 YEARS AND OVER - STATE AND COUNTY LEVEL [18] - Universe: Population 5 years and over

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P024001 Population 5 years and over: Total
P024018 Population 5 years and over: Elsewhere in 1995; Foreign country or at sea

Census 2000: SF3 Income Codebook

P52. HOUSEHOLD INCOME IN 1999 [17] - Universe: Households

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P052001	Households: Total
P052002	Households: Household income; Less than \$10,000
P052003	Households: Household income; \$10,000 to \$14,999
P052004	Households: Household income; \$15,000 to \$19,999
P052005	Households: Household income; \$20,000 to \$24,999
P052006	Households: Household income; \$25,000 to \$29,999
P052007	Households: Household income; \$30,000 to \$34,999
P052008	Households: Household income; \$35,000 to \$39,999
P052009	Households: Household income; \$40,000 to \$44,999
P052010	Households: Household income; \$45,000 to \$49,999
P052011	Households: Household income; \$50,000 to \$59,999
P052012	Households: Household income; \$60,000 to \$74,999
P052013	Households: Household income; \$75,000 to \$99,999
P052014	Households: Household income; \$100,000 to \$124,999
P052015	Households: Household income; \$125,000 to \$149,999
P052016	Households: Household income; \$150,000 to \$199,999
P052017	Households: Household income; \$200,000 or more

P53. MEDIAN HOUSEHOLD INCOME IN 1999 (DOLLARS) [1] - Universe: Households

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P053001	Households: Median household income in 1999
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P76. FAMILY INCOME IN 1999 [17] - Universe: Families

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P076001	Families: Total
P076002	Families: Family income; Less than \$10,000
P076003	Families: Family income; \$10,000 to \$14,999
P076004	Families: Family income; \$15,000 to \$19,999
P076005	Families: Family income; \$20,000 to \$24,999
P076006	Families: Family income; \$25,000 to \$29,999
P076007	Families: Family income; \$30,000 to \$34,999
P076008	Families: Family income; \$35,000 to \$39,999
P076009	Families: Family income; \$40,000 to \$44,999
P076010	Families: Family income; \$45,000 to \$49,999
P076011	Families: Family income; \$50,000 to \$59,999
P076012	Families: Family income; \$60,000 to \$74,999
P076013	Families: Family income; \$75,000 to \$99,999
P076014	Families: Family income; \$100,000 to \$124,999
P076015	Families: Family income; \$125,000 to \$149,999
P076016	Families: Family income; \$150,000 to \$199,999
P076017	Families: Family income; \$200,000 or more

P77. MEDIAN FAMILY INCOME IN 1999 (DOLLARS) [1] - Universe: Families

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P077001	Families: Median family income in 1999
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Census 2000: SF3 Income Codebook (cont.)

P90. POVERTY STATUS IN 1999 OF FAMILIES BY FAMILY TYPE BY PRESENCE OF RELATED CHILDREN UNDER 18 YEARS BY AGE OF RELATED CHILDREN [41] - Universe: Families

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P090001	Families: Total
P090002	Families: Income in 1999 below poverty level
P090022	Families: Income in 1999 at or above poverty level

P92. POVERTY STATUS IN 1999 OF HOUSEHOLDS BY HOUSEHOLD TYPE BY AGE OF HOUSEHOLDER [59] - Universe: Households

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P092001	Households: Total
P092002	Households: Income in 1999 below poverty level
P092031	Households: Income in 1999 at or above poverty level

Census 2000: SF3 Transportation Codebook

P30. MEANS OF TRANSPORTATION TO WORK FOR WORKERS 16 YEARS AND OVER [16] - Universe: Workers 16 years and over

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P030001	Workers 16 years and over: Total
P030002	Workers 16 years and over: Means of transportation to work; Car; truck; or van
P030003	Workers 16 years and over: Means of transportation to work; Car; truck; or van; Drove alone
P030004	Workers 16 years and over: Means of transportation to work; Car; truck; or van; Carpooled
P030005	Workers 16 years and over: Means of transportation to work; Public transportation
P030006	Workers 16 years and over: Means of transportation to work; Public transportation; Bus or trolley bus
P030007	Workers 16 years and over: Means of transportation to work; Public transportation; Streetcar or trolley car (p-blico in Puerto Rico)
P030008	Workers 16 years and over: Means of transportation to work; Public transportation; Subway or elevated
P030009	Workers 16 years and over: Means of transportation to work; Public transportation; Railroad
P030010	Workers 16 years and over: Means of transportation to work; Public transportation; Ferryboat
P030011	Workers 16 years and over: Means of transportation to work; Public transportation; Taxicab
P030012	Workers 16 years and over: Means of transportation to work; Motorcycle
P030013	Workers 16 years and over: Means of transportation to work; Bicycle
P030014	Workers 16 years and over: Means of transportation to work; Walked
P030015	Workers 16 years and over: Means of transportation to work; Other means
P030016	Workers 16 years and over: Worked at home

P32. TRAVEL TIME TO WORK BY MEANS OF TRANSPORTATION TO WORK FOR WORKERS 16 YEARS AND OVER WHO DID NOT WORK AT HOME [13] - Universe: Workers 16 years and over who did not work at home

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

P032001	Workers 16 years and over who did not work at home: Total
P032002	Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes
P032003	Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Public transportation
P032004	Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Other means
P032005	Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes
P032006	Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Public transportation
P032007	Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Other means
P032008	Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes
P032009	Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Public transportation
P032010	Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Other means
P032011	Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes
P032012	Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Public transportation
P032013	Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Other means

APPENDIX A: MSA Definitions

METROPOLITAN STATISTICAL AREAS AND COMPONENTS, 2003, WITH CODES

(Metropolitan statistical areas defined by Office of Management and Budget, 6/6/2003)

Source: Population Division, U.S. Census Bureau
 Internet Release Date: June 2003
 Last Revised: June 10, 2003
 Downloaded: June 30, 2003
 <<http://www.census.gov/population/estimates/metro-city/03.msa.txt>>

CBSA Code	Div Code	FIPS State/County	Metropolitan Statistical Area and Division Titles and Components
31100			Los Angeles-Long Beach-Santa Ana, CA Metropolitan Statistical Area
31100	31084		Los Angeles-Long Beach-Glendale, CA Metropolitan Division
31100	31084	06037	Los Angeles County, CA
31100	42044		Santa Ana-Anaheim-Irvine, CA Metropolitan Division
31100	42044	06059	Orange County, CA
35620			New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area
35620	35644		New York-Wayne-White Plains, NY-NJ Metropolitan Division
35620	35644	34003	Bergen County, NJ
35620	35644	34017	Hudson County, NJ
35620	35644	34031	Passaic County, NJ
35620	35644	36005	Bronx County, NY
35620	35644	36047	Kings County, NY
35620	35644	36061	New York County, NY
35620	35644	36079	Putnam County, NY
35620	35644	36081	Queens County, NY
35620	35644	36085	Richmond County, NY
35620	35644	36087	Rockland County, NY
35620	35644	36119	Westchester County, NY
35620	35084		Newark-Union, NJ-PA Metropolitan Division
35620	35084	34013	Essex County, NJ
35620	35084	34019	Hunterdon County, NJ
35620	35084	34027	Morris County, NJ

35620	35084	34037	Sussex County, NJ
35620	35084	34039	Union County, NJ
35620	35084	42103	Pike County, PA
35620	20764		Edison, NJ Metropolitan Division
35620	20764	34023	Middlesex County, NJ
35620	20764	34025	Monmouth County, NJ
35620	20764	34029	Ocean County, NJ
35620	20764	34035	Somerset County, NJ
35620	44844		Suffolk County-Nassau County, NY Metropolitan Division
35620	44844	36059	Nassau County, NY
35620	44844	36103	Suffolk County, NY
47900			Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area
47900	47894		Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division
47900	47894	11001	District of Columbia, DC
47900	47894	24009	Calvert County, MD
47900	47894	24017	Charles County, MD
47900	47894	24033	Prince George's County, MD
47900	47894	51013	Arlington County, VA
47900	47894	51043	Clarke County, VA
47900	47894	51059	Fairfax County, VA
47900	47894	51061	Fauquier County, VA
47900	47894	51107	Loudoun County, VA
47900	47894	51153	Prince William County, VA
47900	47894	51177	Spotsylvania County, VA
47900	47894	51179	Stafford County, VA
47900	47894	51187	Warren County, VA
47900	47894	51510	Alexandria city, VA
47900	47894	51600	Fairfax city, VA
47900	47894	51610	Falls Church city, VA
47900	47894	51630	Fredericksburg city, VA
47900	47894	51683	Manassas city, VA
47900	47894	51685	Manassas Park city, VA
47900	47894	54037	Jefferson County, WV
47900	13644		Bethesda-Frederick-Gaithersburg, MD Metropolitan Division
47900	13644	24021	Frederick County, MD
47900	13644	24031	Montgomery County, MD

APPENDIX B: Data CD-ROM Contents

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION	
Datasets	ADB		adb_database.dbf	dbf version of adb_database.xls	
			adb_database.dbf.xml	metadata to adb_database.dbf	
			adb_database.xls	created 6/25/03. revised 8/05/03. Revised 9/24/03.	
			adb codebook.xls	created 6/25/03. revised 7/31/03. Revised 9/24/03.	
	Census	sf1 demographics		Demographics_SF1_DC.dbf	created 7/07/03. Revised 9/24/03.
				Demographics_SF1_DC.dbf.xml	metadata to Demographics_SF1_DC.dbf
				Demographics_SF1_LA.dbf	created 7/07/03. Revised 9/24/03.
				Demographics_SF1_LA.dbf.xml	metadata to Demographics_SF1_LA.dbf
				Demographics_SF1_NY.dbf	created 7/07/03. Revised 9/24/03.
				Demographics_SF1_NY.dbf.xml	metadata to Demographics_SF1_NY.dbf
				Demographics_SF1_SFBay.dbf	created 6/25/03. Revised 9/24/03.
				Demographics_SF1_SFBay.dbf.xml	metadata to Demographics_SF1_SFBay.dbf
		sf1 housing		Housing_SF1_DC.dbf	created 7/07/03. Revised 9/24/03.
				Housing_SF1_DC.dbf.xml	metadata to Housing_SF1_DC.dbf
				Housing_SF1_LA.dbf	created 7/07/03. Revised 9/24/03.
				Housing_SF1_LA.dbf.xml	metadata to Housing_SF1_LA.dbf
				Housing_SF1_NY.dbf	created 7/07/03. Revised 9/24/03.
				Housing_SF1_NY.dbf.xml	metadata to Housing_SF1_NY.dbf
				Housing-SF1-SFBay.dbf	created 6/25/03. Revised 9/24/03.
				Housing-SF1-SFBay.dbf.xml	metadata to Housing_SF1_SFBay.dbf

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION
Datasets	Census	sf3 demographics	Demographics_SF3_DC.dbf	created 7/08/03. Revised 9/24/03.
			Demographics_SF3_DC.dbf.xml	metadata to Demographics_SF3_DC.dbf
			Demographics_SF3_LA.dbf	created 7/08/03. Revised 9/24/03.
			Demographics_SF3_LA.dbf.xml	metadata to Demographics_SF3_LA.dbf
			Demographics_SF3_NY.dbf	created 7/08/03. Revised 9/24/03.
			Demographics_SF3_NY.dbf.xml	metadata to Demographics_SF3_NY.dbf
			Demographics_SF3_SFBay.dbf	created 7/08/03. Revised 9/24/03.
	Demographics_SF3_SFBay.dbf.xml	metadata to Demographics_SF3_SFBay.dbf		
	sf3 housing	Housing_SF3_DC.dbf	created 7/08/03. Revised 9/24/03.	
			Housing_SF3_DC.dbf.xml	metadata to Housing_SF3_DC.dbf
			Housing_SF3_LA.dbf	created 7/08/03. Revised 9/24/03.
			Housing_SF3_LA.dbf.xml	metadata to Housing_SF3_LA.dbf
			Housing_SF3_NY.dbf	created 7/08/03. Revised 9/24/03.
			Housing_SF3_NY.dbf.xml	metadata to Housing_SF3_NY.dbf
			Housing_SF3_SFBay.dbf	created 7/08/03. Revised 9/24/03.
	Housing_SF3_SFBay.dbf.xml	metadata to Housing_SF3_SFBay.dbf		
	sf3 immigration	Immigration_SF3_DC.dbf	created 7/08/03. Revised 9/24/03.	
			Immigration_SF3_DC.dbf.xml	metadata to Immigration_SF3_DC.dbf
			Immigration_SF3_LA.dbf	created 7/08/03. Revised 9/24/03.
			Immigration_SF3_LA.dbf.xml	metadata to Immigration_SF3_LA.dbf
			Immigration_SF3_NY.dbf	created 7/08/03. Revised 9/24/03.
Immigration_SF3_NY.dbf.xml	metadata to Immigration_SF3_NY.dbf			

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION		
Datasets	Census	sf3 immigraiton	Immigration_SF3_SFBay.dbf	created 7/08/03. Revised 9/24/03.		
			Immigration_SF3_SFBay.dbf.xml	metadata to Immigration_SF3_SFBay.dbf		
	sf3 income		Income_SF3_DC.dbf	created 7/08/03. Revised 9/24/03.		
			Income_SF3_DC.dbf.xml	metadata to Income_SF3_DC.dbf		
			Income_SF3_LA.dbf	created 7/08/03. Revised 9/24/03.		
			Income_SF3_LA.dbf.xml	metadata to Income_SF3_LA.dbf		
			Income_SF3_NY.dbf	created 7/08/03. Revised 9/24/03.		
			Income_SF3_NY.dbf.xml	metadata to Income_SF3_NY.dbf		
			Income_SF3_SFBay.dbf	created 7/08/03. Revised 9/24/03.		
			Income_SF3_SFBay.dbf.xml	metadata to Income_SF3_SFBay.dbf		
			sf3 transportation		Transportation_SF3_DC.dbf	created 7/08/03. Revised 9/24/03.
					Transportation_SF3_DC.dbf.xml	metadata to Transportation_SF3_DC.dbf
					Transportation_SF3_LA.dbf	created 7/08/03. Revised 9/24/03.
					Transportation_SF3_LA.dbf.xml	metadata to Transportation_SF3_LA.dbf
					Transportation_SF3_NY.dbf	created 7/08/03. Revised 9/24/03.
					Transportation_SF3_NY.dbf.xml	metadata to Transportation_SF3_NY.dbf
	Transportation_SF3_SFBay.dbf	created 6/25/03. Revised 9/24/03.				
	Transportation_SF3_SFBay.dbf.xml	metadata to Transportation_SF3_SFBay.dbf				

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION
Datasets	Global Cities		Global_Cities.dbf	dbf version of Global_Cities.xls
			Global_Cities.dbf.xml	metadata to Global_Cities.dbf
			Global_Cities.xls	34 global and mega cities. Created 6/23/03. Revised 9/24/03.
			Global Cities Codebook.xls	Created 9/24/03.
	UN Indicators		Indicators_1993.dbf	dbf version of Indicators_1993.xls. Created 8/05/03. Revised 9/24/03.
			Indicators_1993.dbf.xml	metadata to Indicators_1993.dbf
			Indicators_1993.xls	Created 7/01/03. Revised 9/24/03.
			1993 Indicators Codebook.xls	Created 7/31/03. Revised 9/24/03.
			Indicators_1998.dbf	dbf version of Indicators_1998.xls. Created 8/05/03. Revised 9/24/03.
			Indicators_1998.dbf.xml	metadata to Indicators_1998.dbf
			Indicators_1998.xls	Created 7/01/03. Revised 9/24/03.
			1998 Indicators Codebook.xls	Created 7/31/03. Revised 9/24/03.
	UN Millenium Data		Equality.dbf	Created 6/25/03. Revised 9/24/03.
			Equality.dbf.xml	Metadata to Equality.dbf
			Equality.xls	Original downloaded variables and codebook for: Goal 3. Promote gender equality and empower women. Created 6/20/03. Revised 9/24/03.
			Equality Codebook.xls	Created 9/24/03.
			Sustainability.dbf	Created 6/25/03. Revised 9/24/03.
			Sustainability.dbf.xml	Metadata to Sustainability.dbf

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION
Datasets	UN Millenium Data		Sustainability.xls	Original downloaded variables and codebook for: Goal 7. Ensure environmental sustainability. Created 6/25/03. Revised 9/24/03.
			Sustainability Codebook.xls	Created 9/24/03.
	UN Slum		Africa_Region.dbf	dbf version of Africa_Region.xls. Created 8/05/03. Revised 9/24/03.
			Africa_Region.dbf.xml	metadata to Africa_Region.dbf
			Africa_Region.xls	Created 7/01/03. Revised 9/24/03.
			All Regions Codebook.xls	Codebook applicable to all regional databases. Created 7/31/03. Revised 9/24/03.
			Asia_Region.dbf	dbf version of Asia_Region.xls. Created 8/05/03. Revised 9/24/03.
			Asia_Region.dbf.xml	metadata to Asia_Region.dbf
			Asia_Region.xls	Created 7/01/03. Revised 9/24/03.
			Europe_Region.dbf	dbf version of Europe_Region.xls. Created 8/05/03. Revised 9/24/03.
			Europe_Region.dbf.xml	metadata to Europe_Regions.dbf
			Europe_Region.xls	Created 7/01/03. Revised 9/24/03.
			Latin_Region.dbf	dbf version of Latin_Region.xls. Created 8/05/03. Revised 9/24/03.
			Latin_Region.dbf.xml	metadata to Latin_Region.dbf
			Latin_Region.xls	Created 7/01/03. Revised 9/24/03.
			North_America_Oceania_Region.dbf	dbf version of North_America_Oceania_Region.xls. Created 8/05/03. Revised 9/24/03.
		North_America_Oceania_Region.dbf.xml	metadata to North_America_Oceania_Region.dbf	
		North_America_Oceania_Region.xls	Created 7/01/03. Revised 9/24/03.	

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION
Datasets	UN Slum		Slum_by_Income_Level.dbf	dbf version of Slum_by_Income_Level.xls. Created 8/05/03.
			Slum_by_Income_Level.dbf.xml	metadata to Slum_by_Income_Level.dbf
			Slum_by_Income_Level.xls	Created 7/01/03.
			Slum by Income Level Codebook.xls	Created 7/31/03.
	World Bank		World_Bank_Housing_Indicators.dbf	dbf version of World_Bank_Housing_Indicators.xls. Created 8/05/03. Revised 9/24/03.
			World_Bank_Housing_Indicators.dbf.xml	metadata to World_Bank_Housing_Indicators.dbf
			World_Bank_Housing_Indicators.xls	Created 7/01/03. Revised 9/24/03.
			World Bank Housing Indicators Codebook.xls	Created 7/31/03. Revised 9/24/03.
	GIS Boundary Files		Cities.shp	World Cities basemap file based on ESRI Cities.sdc from ESRI Data & Maps 2003. Edited for use with project datasets.
			Cities.shp.xml	metadata to Cities.shp
		Countries.shp	World Countries basemap file based on ESRI Cntry02.sdc from ESRI Data & Maps 2003. Edited for use with project datasets.	
		Countries.shp.xml	metadata to Countries.shp	
		dc_msa_tract_2000.shp	Washington DC – Arlington – Alexandria MSA tract-level boundary file. Created 7/07/03.	
		Dc_msa_tract_2000.shp.xml	metadata to dc_msa_tract_2000.shp	
		la_msa_tract_2000.shp	Los Angeles – Long Beach – Santa Ana MSA tract-level boundary file. Created 7/07/03.	
		La_msa_tract_2000.shp.xml	metadata to la_msa_tract_2000.shp	
	ny_msa_tract_2000.shp	New York – Newark – Edison MSA tract-level boundary file. Created 7/07/03.		

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION	
GIS Boundary Files			ny_msa_tract_2000.shp.xml	metadata to ny_msa_tract_2000.shp	
			sfbay_tract_2000.shp	9 county San Francisco Bay Area tract-level boundary file. Created 12/09/01.	
			sfbay_tract_2000.shp.xml	metadata to sf_msa_tract_2000.shp	
Joined Shapefiles ADB			adb_join.shp		
	Census	sf1 demographics	Demographics_SF1_DC_2000J.shp		
			Demographics_SF1_LA_2000J.dbf		
			Demographics_SF1_NY_2000J.dbf		
				Demographics_SF1_SFBay_2000J.dbf	
		sf1 housing	Housing_SF1_DC_2000J.dbf		
			Housing_SF1_LA_2000J.dbf		
			Housing_SF1_NY_2000J.dbf		
			Housing-SF1-SFBay_2000J.dbf		
		sf3 demographics	Demographics_SF3_DC_2000J.dbf		
Demographics_SF3_LA_2000J.dbf					
Demographics_SF3_NY_2000J.dbf					
Demographics_SF3_SFBay_2000J.dbf					

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION
Joined Shapefiles	sf3 housing		Housing_SF3_DC_2000J.dbf	
			Housing_SF3_LA_2000J.dbf	
			Housing_SF3_NY_2000J.dbf	
			Housing_SF3_SFBay_2000J.dbf	
	sf3 immigration		Immigration_SF3_DC_2000J.dbf	
			Immigration_SF3_LA_2000J.dbf	
			Immigration_SF3_NY_2000J.dbf	
			Immigration_SF3_SFBay_2000J.dbf	
	sf3 income		Income_SF3_DC_2000J.dbf	
			Income_SF3_LA_2000J.dbf	
			Income_SF3_NY_2000J.dbf	
			Income_SF3_SFBay_2000J.dbf	
	sf3 transportation		Transportation_SF3_DC_2000J.dbf	
			Transportation_SF3_LA_2000J.dbf	
			Transportation_SF3_NY_2000J.dbf	
			Transportation_SF3_SFBay_2000J.dbf	
	Global Cities		Global_Cities_join.shp	
	UN Indicators		Indicators_93.shp	
			Indicators_98.shp	

APPENDIX B: Data CD-ROM Contents (cont.)

FOLDER	SUBFOLDER	SUBFOLDER	FILES	DESCRIPTION
	UN Millenium Data		Equality_join.shp Sustainability_join.shp	
	UN Slum		Africa_Region_join.shp Asia_Region_join.shp Europe_Region_join.shp Latin_Region_join.shp NAmerica_Oceania_Region_join.shp Slum_by_Income_Level_join.shp	
	World Bank		World_Bank_join.shp	