

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

The Cultural Ecology of Health and Change (CEHC) Working Papers

Ethnographically Informed Community and Cultural Assessment Research Systems
(EICCARS) Workbooks

EICCARS WORKBOOK FOR INITIATING COMMUNITY PROFILES WITH STATISTICAL AND OTHER SECONDARY DATA

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Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

Background: This workbook is a component of the Ethnographically Informed Community and Cultural Assessment Research System (EICCARS). It is used primarily for recording and storing statistical and other secondary data. The EICCARS process usually starts with the collection, storage and analysis of such data, particularly census and other statistical data. The EICCARS Program Technical Manual (PTM), “Community Profiles and General Profile Indicators” is used as a reference in the employment of the worksheets provided here. In that PTM, there are 16 community profiles listed in the EICCARS, several of which are dependent primarily, or predominantly, on statistical or other secondary data, including the demographic, the economic, the educational, history, housing and human ecology, health, crime and public safety, and technology and infrastructural. The first four of these (demographic, economic, and educational, and history) are considered as *contextual* profiles, which means that while one of the other profiles may be the focus of a particular EICCARS, the data on this focus profile should be placed in the context of that community’s demographic, economic, and educational trends, and its significant historical events and processes. Thus while an EICCARS may focus on another of the profiles, data should be also collected and analyzed for these contextual profiles.

Sources of Statistical and Secondary Data to be Recorded in this Workbook. There are several sources for statistical and secondary data. First the research teams should search for websites that might have data relevant to the particular profiles and profile indicators in a specific EICCARS effort. These would include websites of the national census bureau, other federal and local governments and agencies, and various federal and local organizations interested in the topics included in the profiles of interest. Beyond the census bureau, these might include state and local planning offices, health care delivery systems, housing bureaus, police and judicial systems. Also to be considered are other private organizations (e.g. Foundations such as Annie E. Casey in the Baltimore, D.C. area), commercial organizations selling such data, and advocacy groups interested in the issues of concern to a specific EICCARS. The research team may then look for publications or other print products offered by these agencies and organizations, in which data of interest is compiled and distributed. In addition to statistical data, other secondary data collected at the local level that might help in creating the contextual picture of relevance to a specific community include the following:

1. any print documents with scholarly and popular (including media) publications and products;
2. various administrative sources of data found at the state and local levels (e.g., data collected by other administrative data sources such as city and town hall ledgers, city budgets, sales records);
3. records and data collected by business, educational, health, social services, labor and professional associations, and other entities that collect data for their particular missions;
4. data collected in various types of directories, including telephone, local business directories, special ethnic publications;
5. archival records such as maps, atlases, abstracts of titles, and title deeds;
6. local political and judicial records; and
7. personal diaries, family histories, biographies and autobiographies, church records, tombstones, etc.

Description and Use of Workbook’s Worksheets: The sheets in this workbook are used to collect data for the two primary analytical areas of interest in the EICCARS: (1) Comparative Data; and (2) Trend Data. With regards to comparative data, in the EICCARS we collect data that will allow us to compare the community targeted by the EICCARS to: (1) larger geographical units or administrative divisions of which it is a part (e.g., nation, state, county, etc.); and (2) comparable geographical units or administrative divisions in the target community’s region (e.g., Washington, D.C. compared with Montgomery County, Maryland, Fairfax County, Virginia, etc). Without macro-societal and proximal analyses the community data might have less meaning to someone reading the EICCARS report. Dependent on the size of the community targeted by an EICCARS, a second level of comparative data may be collected and analyzed, and that is at the subunit level. For example, if the entire city of Washington, D.C. is the targeted community for the EICCARS, then one may want to collect comparative statistical data, on the eight wards, particularly with regards to such important contextual profiles as the demographics and economics, as well as educational, housing and human ecology, crime adjudication, and public service, health, and

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

technology and infrastructure. If one of the wards is the target community of an EICCARS carried out in Washington, D.C., then the team might decide that comparative data on the various neighborhoods in that ward are of interest. To facilitate the collection and storage of comparative statistical data, this workbook consists of four worksheets. Worksheet one collects data for macro-societal comparisons such as national, state, county, city data, and/or data for a target community smaller than the city.

The Second Worksheet, allows for the collection of data more relevant to a city, and its subunits or subdivisions. An example here again is Washington, D.C., in which the EICCARS may be targeting any of the wards, and data are also collected, stored and analyzed with regards to the other wards (or subdivisions). The third worksheet is to facilitate comparisons between geographic units within subunits of the target community that are larger than the neighborhood. The fourth worksheet is to facilitate comparisons of neighborhoods, which are sometimes defined by residents of those neighborhoods.

With regard to trend data, each of the worksheets have several columns to reflect trends or changes in the data collected for the various profile indicators. The first column records data for the date representing how far back the research team wants to show trends. The other columns are use to record data for subsequent periods for which the team wants to observe trends, with the last column used for recording the present or final date for such data. The research team has to decide on how many of these columns will be used in their own EICCARS.

At the top of each of these worksheets there are identifying data to be provided. Thus in Worksheet 1, the name of the target Site, the specific profile, the specific indicator, and the model of analysis (Rates Per___, percentages, etc). The importance of this information that **for each profile indicator, another worksheet will be used, and thus multiple sheets have to used for recording the data for each profile indicator.** At the top of Worksheets 2-4, the same identifiers are used that are used in Worksheet 1, but added here are identifiers for the census tracts and the census blocks (if such data are available). Entering the identifiers on these sheet are necessary because **for each census tract, or census block, whichever is most relevant, will require a different sheet, and every profile data indicator for each specific census tract or census block will require multiple copies of these sheets.**

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

Worksheet 1: Macro-societal Comparisons and Trends

Name of the Target Site _____		Profile Indicator _____				
The Specific Profile _____		Mode of Analysis _____				
Status: _____						
Geographical Units	Beginning Date	2 nd Date	3 rd Date	4 th Date	5 th Date	Last Date
National						
State (If Relevant)						
County (If Relevant)						
City (If Relevant)						
Target Site (If Relevant)						
Neighboring Community 1 (If Relevant)						
Neighboring Community 2 (If Relevant)						
Neighboring Community 3 (If Relevant)						
Neighboring Community 4 (If Relevant)						

Additional Comments (Use back of worksheet if necessary).

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

Worksheet 2. City Subdivisions. (Consider only if relevant). Copy and use as many sheets as necessary.

Name of Target Site _____				Target Site Census Tracts _____		
Specific Community Profile _____				Target Site Census Blocks _____		
Profile Indicator _____				_____		
Mode of Analysis _____						
Geographical Units	Beginning Date	2 nd Date	3 rd Date	4 th Date	5 th Date	Last Date
Name of Target Community						
Name of City Subdivision						
Name of City Subdivision						
Name of City Subdivision						
Name of City Subdivision						
Name of City Subdivision						

Additional Comments

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

Worksheet 3: Field Site Subcommunities. (Consider only if relevant). Copy and use as many sheets as necessary.

Name of Target Site _____				Target Site Census Tracts _____		
Community Profile _____				Target Site Census Blocks _____		
Profile Indicator _____				Status: <u>Not Done For this Study</u>		
Mode of Analysis _____						
Geographical Units	Beginning Date	2 nd Date	3 rd Date	4 th Date	5 th Date	Last Date
Target Site						
Name of Subcommunity						
Name of Subcommunity						
Name of Subcommunity						
Name of Subcommunity						
Name of Subcommunity						

Additional Comments.

Worksheet 4. Field Site Neighborhoods. (Only if relevant). Copy and use as many sheets as necessary.

Name of Field Site _____				Target Site Census Tracts _____		
Community Profile _____				Target Site Census Blocks _____		
Profile Indicator _____				Status: _____		
Mode of Analysis _____						
Geographical Units	Beginning Date	2 nd Date	3 rd Date	4 th Date	5 th Date	Last Date
Target Site						
Name of Subcommunity						
Name of Neighborhood						
Name of Neighborhood						
Name of Neighborhood						
Name of Neighborhood						

Additional Comments.

EXAMPLE 1: 1998 EICCARS of the Columbia Heights Community of Ward 1, Washington, DC

Worksheet 1: Macro-societal Comparisons and Trends

Name of the Target Site: <u>Columbia Heights, DC</u>				Target Site Census Tracts _____		
The Specific Profile _____				Target Site Census Blocks _____		
Profile Indicator _____				Status: <u>Incomplete Data</u>		
Mode of Analysis						
Geographical Units	Beginning Date	2 nd Date	3 rd Date: <u>1990</u>	4 th Date: <u>1997</u>	5 th Date	Last Date
National (US)			13.5 %			
State (NA)						
County (NA)						
City : DC			28.0%			
Target Site						
Neighboring Community 1: Fairfax Co.						
Neighboring Community 2: Montgomery Co.						
Neighboring Community 3 (If Relevant)						
Neighboring Community 4						

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

(If Relevant)						
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Additional Comments (Use back of worksheet if necessary).

Worksheet 2. City Subdivisions. (Consider only if relevant). Copy and use as many sheets as necessary.

Name of Target Site: <u>Columbia Heights, DC</u>	Target Site Census Tracts _____
Specific Community Profile: _____	Target Site Census Blocks _____
Profile Indicator: _____	Status: _____
Mode of Analysis: <u>Percent of Total Population</u>	

Geographical Units	Beginning Date	2 nd Date	3 rd Date : <u>1990</u>	4 th Date: <u>1997</u>	5 th Date	Last Date
Target Community (Columbia Heights)				20%		
City Subdivision: Ward 1			20% (3)	17%		
City Subdivision: Ward 2			21% (2)			
City Subdivision: Ward 3			06% (8)			
City Subdivision: Ward 4:			09% (7)			
City Subdivision: Ward 5			15% (6)			
City Subdivision: Ward 6			17% (5)			
City Subdivision: Ward 7			20% (3)			
City Subdivision: Ward 8			28% (1)			
DC Total			28%	26.5 %		

Additional Comments

Worksheet 3: Field Site Subcommunities. (Consider only if relevant). Copy and use as many sheets as necessary.

Name of Target Site: Columbia Heights, DC Community Profile: <u>Economic</u> Profile Indicator: <u>Individuals Below Poverty</u> Mode of Analysis: <u>Percent of Total Population</u>				Target Site Census Tracts _____ Target Site Census Blocks _____ Status: _____		
Geographical Units	Beginning Date	2 nd Date	3 rd Date (1990)	4 th Date 1997	5 th Date	Last Date
Target Site						
Name of Subcommunity						
Name of Subcommunity						
Name of Subcommunity						
Name of Subcommunity						
Name of Subcommunity						

Additional Comments.

Worksheet 4. Field Site Neighborhoods. (Only if relevant). Copy and use as many sheets as necessary.

Name of Field Site: <u>Columbia Heights, DC</u>				Target Site Census Tracts _____		
Community Profile _____				Target Site Census Blocks _____		
Profile Indicator _____				Status: _____		
Mode of Analysis						
Geographical Units	Beginning Date	2 nd Date	3 rd Date	4 th Date	5 th Date	Last Date
Target Site						
Name of Subcommunity						
Name of Neighborhood						
Name of Neighborhood						
Name of Neighborhood						
Name of Neighborhood						

Additional Comments.

EXAMPLE I: Liberty Health Systems Ethnography

Worksheet 1: Macro-societal Comparisons and Trends

Target Site: <u>Life Health Systems Service Area.</u>				Profile Indicator: <u>Violent Crime/Homicide</u>		
Specific Profile: <u>Crime</u>				Mode of Analysis: # of <u>Murders (% of total population¹)</u>		
Geographical Units	Beginning Date	2 nd Date	3 rd Date: <u>1994²</u>	4 th Date	5 th Date	Last Date
National (US)			23,310 ()			
State (Maryland)			579 ()			
County (Baltimore Co.)			38 ()			
City (Baltimore)			323 ()			
Target Site (LHS Service)			197 ()			
Neighboring Communities (If Relevant)			Not Relevant to Study			

¹ The FBI defines violent crimes as offences of murder, forcible rape, robbery, and aggravated assault. Violent crimes differ from property crimes which are defined as offences of burglary (or breaking & entering), larceny-theft, and motor vehicle theft.

² SOURCES: Crime in the U.S. 1994 (Washington, DC: FBI); Uniform Crime Report 1995: Preliminary Annual Report (Baltimore: Dept. of Maryland State Police, Central Records Division); 1990 Baltimore City Police Reports

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

Additional Comments (Use back of worksheet if necessary).

Worksheet 2. City Subdivisions. (Consider only if relevant). Copy and use as many sheets as necessary.

Target Site: <u>Life Health Systems Service Area.</u>				Target Site Census Tracts _____		
Specific Profile: <u>Crime</u>				Target Site Census Blocks _____		
Profile Indicator: <u>Violent Crime/Homicide</u>				Status: <u>Not done for this study.</u>		
Mode of Analysis: <u># of Murders (% of total population)</u>						
Geographical Units	Beginning Date	2 nd Date	3 rd Date	4 th Date	5 th Date	Last Date
Name of Target Community						
Name of City Subdivision						
Name of City Subdivision						
Name of City Subdivision						
Name of City Subdivision						
Name of City Subdivision						

Additional Comments

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

Worksheet 3: Field Site Subcommunities. (Consider only if relevant). Copy and use as many sheets as necessary.

Target Site: <u>Life Health Systems Service Area.</u> Specific Profile: <u>Crime</u> Profile Indicator: <u>Violent Crime/Homicide</u> Mode of Analysis: <u># of Murders (% of population)</u>			Target Site Census Tracts _____ Target Site Census Blocks _____ Status: _____			
Geographical Units	Beginning Date	2 nd Date	3 rd Date: <u>1994</u>	4 th Date	5 th Date	Last Date
Target Site: LHS Service Areaa			197 ()			
Park Heights			25 ()			
Beechfield/ Irvington			2 ()			
Dickeyville/ Franklinton			1 ()			
Edmondson Village			5 ()			
Forest Park/Howard			14 ()			
Glen/Falstaff			22 ()			
Greater Rosemont			40 ()			
Reservoir/ Bolton			16 ()			
South Hilton			2 ()			
Mondawmin/ Walbrook			10 ()			
Violetville			0 ()			

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process

Ten Hills			0 ()			
Southwest Baltimore			0 ()			
Old S.W. Baltimore			19 ()			
West Baltimore			41 ()			

Additional Comments.

Worksheet 4. Field Site Neighborhoods. (Only if relevant). Copy and use as many sheets as necessary.

Name of Field Site _____				Target Site Census Tracts _____		
Community Profile _____				Target Site Census Blocks _____		
Profile Indicator _____				Status: <u>Not Relevant</u> _		
Mode of Analysis _____						
Geographical Units	Beginning Date	2 nd Date	3 rd Date	4 th Date	5 th Date	Last Date
Target Site						
Name of Subcommunity						
Name of Neighborhood						
Name of Neighborhood						
Name of Neighborhood						
Name of Neighborhood						

Additional Comments.

Using Statistical and other Secondary Data Sources to Begin the Community Profiling Process