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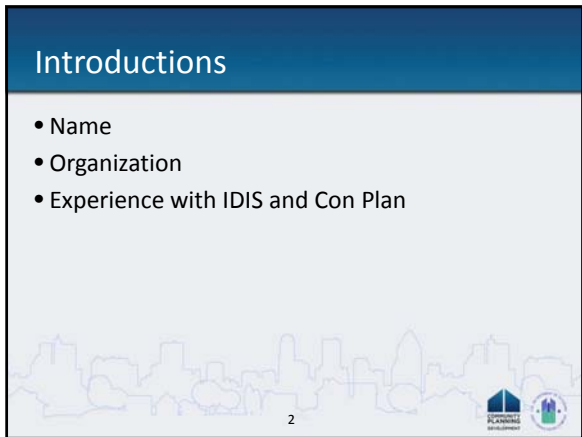
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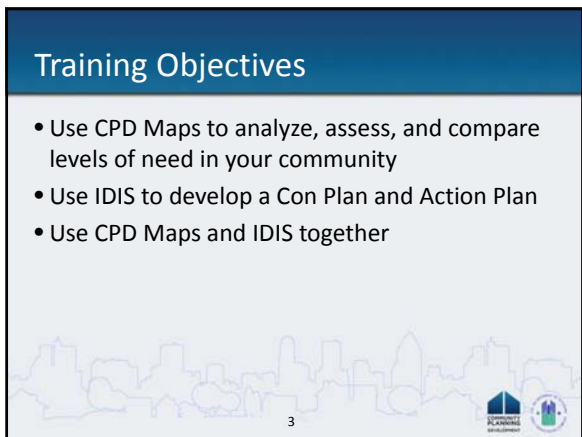
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## Agenda

Topics
Introduction to eCon Planning Suite
Con Plan Template Overview
Con Plan Template – The Process
Con Plan Template – Needs Assessment / Market Analysis
Con Plan Template – Strategic Plan

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## Agenda

Topics
Con Plan Template – Annual Action Plan
Submitting a Plan
From Con Plan to the CAPER
CPD Maps and the Con Plan

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## Goals of the eCon Planning Suite

- Promote market-driven, leveraged, housing and community development planning
  - Ease data collection burden
- Streamline grants management cycle into a cohesive planning framework
  - Incorporate Con Plan and Action Plan into same system as IDIS and CAPER
- Make data available to general public and local stakeholders

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### CPD Maps

- Online mapping tool
  - Easy and as accessible as other Internet map sites (i.e., MapQuest)
  - Widget functionality
- Provides latest data sets available from HUD
  - Census / American Community Survey (ACS)
  - HUD and housing related data: CDBG, HOME, multifamily, public housing, LIHTC
  - Other Data
- Exports directly to Con Plan template

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### CPD Maps Benefits

- Facilitates place-based planning
  - Displays information geographically
  - Overlays and combines data in new and meaningful ways
- Helps grantees make strategic investments based on community need
- Information is available to community stakeholders and general public

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### Con Plan Template

- Data Entry template integrated into IDIS
  - Available now; the system went live in 5/2012
  - Mandatory for Con Plans due on or after 11/15/2012
  - Action Plans optional until Con Plan template used
- Two scenarios
  - Con Plan and 1<sup>st</sup> Year Action Plan
  - Stand-alone Action Plan
- 4 versions of the template
  - State grantees
  - Entitlements
  - Consortia
  - Regional Strategy

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### Con Plan Template Benefits

- Framework
  - Integrated into IDIS
  - Ease of use / ability to find information
- Pre-populated data tables
- Template provides baseline expectation, with room for customization
  - Alternate data sources
  - Additional maps, pictures, data, and narrative

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### Changes to the Planning Process

- Learning the new system
  - Existing regulations and guidance remains
  - Only the format of Plan has changed
- Less time spent on data collection, more time on analysis
- Availability of data can facilitate greater participation
- Inclusion of Regional Plans

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### Con Plan Screens in IDIS



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## How to use the Template

- Get Access
- Add the Plan
  - Con Plan vs. Stand-alone Action Plan
  - Choose version of Plan
- Complete each screen
  - Data tables
  - Narratives
  - Additional content: Maps, Images, Data, Tables
- Prepare Plan for submission
  - Quality check
  - Print and submit Plan

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## Adding the Plan

- Scenarios
  - Con Plan and First Year Action Plan
  - Stand-alone Action Plan
  - Associated Action Plan
- Versions of the Plan
  - Entitlement
  - State
  - Consortia
    - Lead
    - Participant
  - Regional Strategy

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## Consortium Version

- Lead Agency adds Con Plan
- Lead Grantee version can be edited by all
- Participating version can be edited by participating grantee and viewed by Lead

Results Page 1 of 1

Grantee Name	State	Year	Version	Title	Status	Action
BERWYN	IL	2012	100	04-14 consortia - BERWYN, IL	Open - in Progress	<a href="#">View</a>
CICERO	IL	2012	100	04-14 consortia - CICERO, IL	Open - in Progress	<a href="#">View</a>
COOK COUNTY	IL	2012	100	04-14 consortia	Open - in Progress	<a href="#">Edit</a>   <a href="#">View</a>

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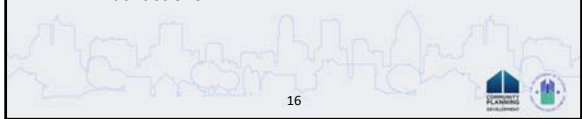
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### Regional Strategy Option

- Participants share Strategic Plan of Con Plan
  - Needs Assessment
  - Market Analysis
  - Strategic Plan
- Participants each prepare own Action Plans
  - Allocation of funds
  - Annual actions

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### Adding a Consolidated Plan

- Beginning and Ending Year
- Title and Version
- Amendment – Yes or No
- Programs Included
- Version
  - State, Grantee, Consortia, Regional
- Data Sources
- PHAs
- Status

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### Setup: Adding an Action Plan

- Program Year
- Title
- Plan Version
- Amendment – Yes or No
- Programs Included
- Associated with a Con Plan?
- Status

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### Copying a Plan

- Use for
  - Substantial and Minor Amendments
  - To copy one plan year to the next
- New copy includes
  - Attachments
  - All additional content, such as images, maps, etc.
- Action Plans
  - Associated with same Consolidated Plan in the system
  - If a stand-alone, Geographic Priorities, Priority Needs, and Goals are copied

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### Exercise 1

## Adding a Con Plan in IDIS Online

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### Sections of Con Plan Template

- Setup
- Executive Summary
- The Process
- Needs Assessment
- Market Analysis
- Strategic Plan
- Action Plan

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## Elements of the Template

- Data tables
  - Many tables will provide default data sets
  - Grantees can provide alternate sources
- Narrative
- Additional elements can be inserted throughout (optional)
  - Maps
  - GIS data
  - Images
  - Text boxes
  - Data tables

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## Data Tables

**Demographics**

	Base Year: 2000	Most Recent Year: 2009	%Change
Population	347560	344312	-1
Households	130106	124383	-4
Median Income	66791	0	-100


Displayed:  Used in Report:

Data Source:

Alternate Data

[Add GIS Map](#) | [Add GIS Data](#) | [Add JPEG](#) | [Add Text](#) | [Add Table](#)

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## Alternate Data Sources

- Survey Data
  - Neighborhood surveys
  - Formal local plans and studies
- Administrative Data
  - Code enforcement records
  - State unemployment data
  - National data sources (i.e. HMDA )

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### Narratives

**B I U** [List of icons]

The Action Plan outlines the City of Hammond's proposed activities for the program year beginning April 1, 2012 and ending March 31, 2013 using Federal funds granted to the City by the U.S. Department of Housing and Urban Development (HUD) under the following grant programs:

- Community Development Block Grant (CDBG)
- Home Investment Partnership (HOME), and
- Emergency Shelter Grant (ESG) programs.

Type	Sequence	Label	Action
Text	1	Objectives and Outcomes	View   Edit   Delete

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### Edit Sequence or Label for Additional Content

- Add GIS Map
- Add GIS Data
- Add JPEG
- Add Text
- Add Table

Type	Sequence	Label
GIS Map	1	GPS Maps
GIS Data	2	Median Earnings in the Past 12 Mo
GIS Data	3	Rent Summary
Table	4	Housing Conditions Table

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### Setup: Verify Grantee / PJ and Program Contacts

- Independent of Con Plan / Action Plan submission
- Grantee / PJ Information
  - Lead agency
  - Address
  - Program year start and end date
- Program Contacts
  - Primary contact for grantee
  - Primary and secondary contact by program

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### The Process: Lead and Responsible Agencies

- Lead Agency is read only
- Optional narrative



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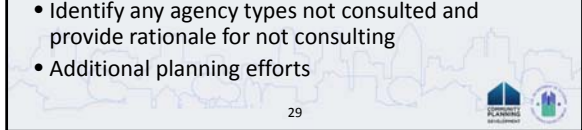
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### The Process: Consultation

- Agency Table
  - Sort Order
  - Agency/Group/Organization
  - Agency/Group/Organization Type
  - Optional Designation(s)
  - What section of the plan was addressed by consultation?
- Identify any agency types not consulted and provide rationale for not consulting
- Additional planning efforts



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### The Process: Consultation

Sort*	Agency/Group/Organization*	Agency/Group/Organization Type*	What section of the Plan was addressed by Consultation?*	Action
1	<input type="text" value="Select Organization"/>	<input type="checkbox"/> Housing <input type="checkbox"/> PWA <input type="checkbox"/> Continuum of Care <input type="checkbox"/> Services-Children <input type="checkbox"/> Services-Elderly Persons <input type="checkbox"/> Services-Persons with Disabilities <input type="checkbox"/> Services-Persons with HIV/AIDS <input type="checkbox"/> Services-Victims of Domestic Violence <input type="checkbox"/> Services-homeless <input type="checkbox"/> Services-Health <input type="checkbox"/> Services-Education <input type="checkbox"/> Services-Employment <input type="checkbox"/> Service-Fair Housing <input type="checkbox"/> Health Agency <input type="checkbox"/> Child Welfare Agency <input type="checkbox"/> Publicly Funded Institution/System of Care II <input type="checkbox"/> Other government - Federal <input type="checkbox"/> Other government - State <input type="checkbox"/> Other government - County <input type="checkbox"/> Other government - Local <input type="checkbox"/> Regional organization <input type="checkbox"/> Non-profit organization	<input type="checkbox"/> Housing Need Assessment <input type="checkbox"/> Public Housing Needs <input type="checkbox"/> Homeless Needs - Chronically homeless <input type="checkbox"/> Homeless Needs - Families with children <input type="checkbox"/> Homelessness Needs - Veterans <input type="checkbox"/> Homelessness Needs - Unaccompanied youth <input type="checkbox"/> Homelessness Strategy <input type="checkbox"/> Non-homeless Special Needs <input type="checkbox"/> HOPWA Strategy <input type="checkbox"/> Market Analysis <input type="checkbox"/> Non-housing Community Development Strategy <input type="checkbox"/> Anti-poverty Strategy <input type="checkbox"/> Lead-based Paint Strategy <input type="checkbox"/> Other	



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### The Process: Citizen Participation

- Citizen Participation Outreach Table
  - Sort order
  - Mode of outreach
  - Target of outreach
  - Summary of response/attendance
  - Summary of comments received
  - Summary of comments not accepted and reasons
  - URL if applicable

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### Needs Assessment

1. Overview
2. Housing Needs Assessment
3. Disproportionately Greater Need
4. Public Housing
5. Homeless Needs Assessment
6. Non-Homeless Special Needs Assessment
7. Non-Housing Community Development Needs

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### Needs Assessment: Definitions

- Housing Problems
  - Substandard
  - Cost Burden
  - Crowding
- Disproportionately Greater Need
  - Where the need of a racial or ethnic group at a certain income level is at least 10 percentage points higher than the category as a whole.

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### Needs Assessment: Housing Needs

- Summary of Housing Needs
- Demographics
- Number of Households
- Housing Needs Summary
- Housing Problems
- Cost Burden >30% and >50%
- Crowding
- Households with Children Present
- Additional Narratives



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### Needs Assessment: Homeless Needs

Population	Estimate the # persons experiencing homelessness on a given night		Estimate the # experiencing homelessness each year	Estimate the # becoming homeless each year	Estimate the # exiting homelessness each year	Estimate the # of days persons experience homelessness
	Sheltered	Unsheltered				
Persons in Households with Adult(s) and Child(ren)						
Persons in Households with Only Children						
Persons in Households with Only Adults						
Chronically Homeless Individuals						
Chronically Homeless Families						
Veterans						
Unaccompanied Child						
Persons with HIV						



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### Needs Assessment: Non-Homeless Special Needs

This includes but is not limited to:

- Elderly (defined as 62 and older);
- Frail elderly (elderly person who requires assistance with 3+ activities of daily living - mental, physical, and/or developmental disabilities);
- Persons with alcohol or other drug addiction;
- Persons with HIV/AIDS and their families; and
- Victims of domestic violence, dating violence, sexual assault, and stalking.



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### Needs Assessment: Non-Housing Community Development Needs

- Narrative describing
  - Needs
  - How were needs determined?
- Categories
  - Public Facilities
  - Public Improvements
  - Public Services

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### Market Analysis

1. Number, Cost, Condition of Housing
2. Public and Assisted Housing
3. Homeless Facilities and Services
4. Special Needs Facilities and Services
5. Barriers to Affordable Housing
6. Non-Housing Community Development
7. Discussion

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### Exercise 2

Adding Additional Content to the Con Plan Template

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### Strategic Plan

- Geographic Priorities
- Priority Needs
- Influence of Market Conditions
- Anticipated Resources
- Institutional Delivery Structure
- Goals
- Public Housing
- Barriers to Affordable Housing
- Homelessness Strategy
- Lead-Based Paint Hazards
- Anti-Poverty Strategy
- Colonias Strategy
- Monitoring

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### Strategic Plan: Fitting the Pieces Together



**Goals**

- Need Addressed
- Geographic Area
- Funding Sources

**1. Geographic Priorities**      **2. Priority Needs**

**3. Market Conditions**      **4. Anticipated Resources**      **5. Institutional Structure**

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### Strategic Plan: Geographic Priorities

- Types of Target Areas
  - Neighborhood Revitalization Strategy Area (NRSA)
  - Community Development Financial Institution (CDFI)
  - Local
  - Other
- Target Area information:
  - Boundaries
  - Specific housing and commercial characteristics
  - Identification of area through consultation and citizen participation
  - Target area needs, opportunities, and barriers

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### Strategic Plan: Priority Needs

- Population
  - Income level
  - Specific clientele (i.e. Mentally Ill, Homeless)
- Need Level
- Associated Goal
- Geographic Area
- Basis for Relative Priority

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### Needs per 91.215

<b>Affordable Housing (b)</b>	<b>Homelessness (d)</b>
<ul style="list-style-type: none"><li>• Rental assistance</li><li>• Production of new units</li><li>• Rehab of existing units</li><li>• Acquisition of existing units</li></ul>	<ul style="list-style-type: none"><li>• Outreach</li><li>• Emergency/transitional housing</li><li>• Rapid Re-housing</li><li>• Prevention</li></ul>

Non-housing Community Development (by matrix code) (f)

- Public Facilities
- Public Improvements and Infrastructure
- Public Services
- Economic Development

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### Strategic Plan: Market Conditions

Explain how market conditions will affect the type of housing programs undertaken

- Tenant Based Rental Assistance (TBRA)
- TBRA for Non-Homeless Special Needs
- New Unit Production
- Rehabilitation
- Acquisition, including preservation

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### Strategic Plan: Anticipated Resources

- Estimate resources for each CPD Program and additional source of funding
- Describe any leveraged resources (private, state, and local funds)
- Describe how match will be satisfied
- Describe any publicly owned property that will address the needs identified in the plan



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### Strategic Plan: Institutional Structure

Sort	Responsible Entity	Responsible Entity Type	Role	Geographic Area Type	Geographic Area Priorities
1	<input type="text" value="Select Organization"/>	<input type="text" value="Select"/> <small>If Other Specify...</small>	Affordable Housing <input type="checkbox"/> Ownership <input type="checkbox"/> Rental <input type="checkbox"/> Public Housing <input type="checkbox"/> Homelessness <input type="checkbox"/> Non-homeless special needs <input type="checkbox"/> Community Development <input type="checkbox"/> public facilities <input type="checkbox"/> neighborhood improvements <input type="checkbox"/> public services <input type="checkbox"/> Economic Development <input type="checkbox"/> Planning	<input type="text" value="Select"/> <small>If Other Specify...</small>	
<input type="button" value="Add Another"/>					



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### Strategic Plan: Institutional Structure

Homelessness Prevention Services	Available in the Community	Targeted to Homeless	Targeted to People with HIV
<b>Homelessness Prevention Services</b>			
Counseling/Advocacy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Legal Assistance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mortgage Assistance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rental Assistance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utilities Assistance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Street Outreach Services</b>			
Law Enforcement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Clinics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Street Outreach Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Supportive Services</b>			
Alcohol & Drug Abuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Employment and Employment Training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Healthcare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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### Strategic Plan: Goals

- Category
- Geographic Area
- Funding
- Need Addressed
- Objective and Outcome
- Goal Outcome Indicator

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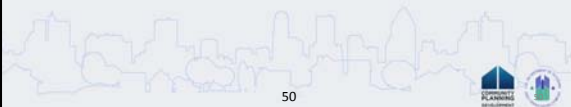
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### Exercise 3

## Updating the Strategic Plan in the Con Plan Template

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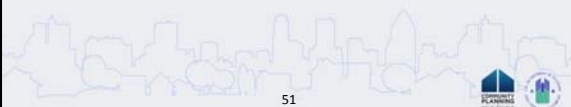
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### Annual Action Plan

#### Different Types of Action Plan

- First Year Action Plan done in conjunction with Con Plan
- Subsequent Year Action Plan – related to Con Plan in IDIS
- Stand Alone Action Plan - no Con Plan in IDIS

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### Action Plan: Sections

- Annual Goals & Objectives
- Affordable Housing Goals
- Actions Concerning Public Housing
- Activities Addressing Homeless and Special Needs and Colonias
- Barriers to Affordable Housing
- Other Actions
- Program Specific Requirements
- SF-424
- Program and Other Certifications

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### Action Plan: Annual Goals and Objectives

- Can select goal from Strategic Plan
- Fields
  - Narrative (Optional)
  - Category
  - Start Year/End Year
  - Objective & Outcome
  - Priority Needs
  - Funding
  - Goal Outcome Indicator

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### Action Plan: Projects

- Create new or add existing project
- Similar to existing IDIS projects
- New elements
  - Ties to Annual Goals
  - Target Areas Included
  - Priority Needs Addressed
  - Planned Activities
  - Goal Outcome Indicators

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**Exercise 4**

Adding the Action Plan

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**Executive Summary**

- Con Plan and First Year Action Plan share an Executive Summary
- For Regional Strategic Plans, each Action Plan will have own Executive Summary
- Recommendation: Write summary at the end after all other sections are complete

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**Executive Summary Sections**

1. Introduction
2. Objectives and Outcomes
3. Evaluation of Past Performance
4. Citizen Participation and Consultation
5. Public Comments
6. Comments Not Accepted
7. Summary

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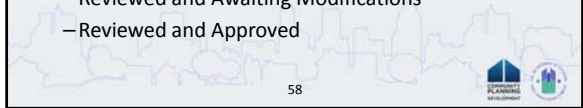
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### Submitting the Plan

- Upload Attachments
- Quality Check
- Print Plan
- Plan Status
  - Open - in Progress
  - Submitted for Review
  - Reviewed and Awaiting Modifications
  - Reviewed and Approved

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### End of Year Reporting

- CAPER/PER
  - Annual Performance
  - Self-Evaluation
  - Narrative to be added to IDIS
- IDIS Reports
  - PR03: Grantee Performance Report
  - PR23: Summary of Accomplishments
  - PR26: CDBG Financial Summary Report
  - Performance Measurement Indicators

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### CPD Maps



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### CPD Maps

- Powerful tool to help display and analyze demographic, housing, economic, transportation, and other data across census tracts and neighborhoods
- Supports place-based strategy
  - Appropriate programs for neighborhood conditions
  - Target resources for greater impact
- Communicate complex geographic data to stakeholders and citizens

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### Targeting is a fundamental principle for CPD Programs...

***“[States and cities]...are encouraged to identify locally designated areas where geographically targeted revitalization efforts are carried out through multiple activities in a concentrated and coordinated manner.”***

-24 CFR 91.215(g) and 91.315(g)

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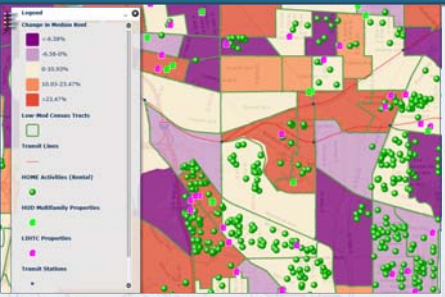
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### CPD Maps



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### Over 125 Different Data Elements Can be Displayed in CPD Maps

Data Topic	Data Examples	Data Topic	Data Examples
Demographic	- Population - Educational level - Area median income - Race/Ethnicity	Housing	- Change in median home value - Vacancy rate - % of affordable rental units - Housing affordability by tenure
Economic	- Unemployment rate - % change in total jobs - Commute time	Transportation	- MPO boundary - Transit lines - Transit stations
HUD Activities	- FHA REO properties - HOME rental - CDBG economic development	Environmental	- State clean water needs survey - Flood plains

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### Accessing CPD Maps

- Two ways to access:
  - <http://egis.hud.gov/cpdmaps/>
  - Access data and maps directly from IDIS
- No log-in information required
- No download requirements
- Adobe Flash plug-in required (standard on most browsers)

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### Basic Navigation: Widgets

Legend   Identify   Data Toolkit   Grantee Summary   Upload Point File

Map Selection

Print

Reports

Guide Me

Map Query

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### Widgets

-  • **Guide Me Wizard**  
– Select jurisdiction to create customizable maps
-  • **Map Selection**  
– Adds/removes data layers to map
-  • **Map Query**  
– Identify geographies based on customized variables
-  • **Reports**  
– Provides Excel-based report for geography
-  • **Data Toolkit**  
– Analyzes and compares housing and economic data across selected geographies

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### ...And More Widgets

-  • **Identify**  
– Provides underlying data for selected geography
-  • **Legend**  
– Hides/displays map legend
-  • **Grantee Summary**  
– Hides/displays grantee summary box
-  • **Print**  
– Prints or exports map
-  • **Upload Point File**  
– Geocodes users' unique point-based data

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### Guide Me Wizard Widget

- Easily create map based on step-by-step guidance
- Uses of other widgets:
  - *In Map Selection:* Use grantee data as basis for themes
  - *In Reports:* Use grantee as reference set
  - *In Map Query:* Query census tracts that meet multiple criteria

*These functions are available once Grantee/UGLG is selected in Guide Me Wizard!*

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### Guide Me Wizard Widget

1. Select Grantee type or Unit of General Local Government (UGLG)
2. Select Needs and Inventory data
3. Geographic Scale
4. Point-based data
5. Outline-based data
6. Color Theme data

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### Grantee Summary Widget

- Must use Guide Me Wizard first
- Provides most recent allocations for selected grantee
- “More” button links user to expanded data

**Grantee Summary**

Name: ALAMEDA COUNTY - CDBG

Program Year: 2011


CDBG Amount: \$1,758,267

HOME Amount: \$3,846,738

ESG Amount: \$85,704

HOPWA Amount: \$0

Back More...

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### Map Selection Widget

- Add, remove, and change how data is displayed on map
- Choices
  - Prepared Maps
  - Guide Me
  - User selected layers

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### Map Selection Widget: Prepared Maps



- Homebuyer Zones
- Need for Rental Rehabilitation
- Rental Market Near Transit
- Housing Affordability Near Transit
- Constrained Rental Supply
- Workforce Development Opportunity
- Workers with Long Commutes
- Risk of Homelessness from Increased Rent
- Risk of Homelessness from Housing Instability

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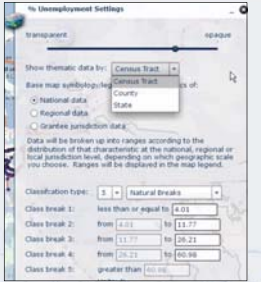
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### Map Selection Widget: Settings



- Transparency
- Select geographic level
  - Tract
  - County
  - State
- Select geographic range
  - National
  - Regional
  - Grantee
- Selection classification
  - Number of classes
  - Classification type
  - Class breaks

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### Identify Widget

- Displays underlying numbers for current layers of data
- Data shown depends on the layers displayed and the point selected
- Useful for “quick answers”

Data Tabs include:
Census Tract Change 2000 to 2010
CDBG and HOME Funding details
HUD Multifamily, public housing, LIHTC
Socioeconomic
Demographic
Housing
CHAS
Voucher Concentration
Low Mod Census Tracts
Grantee Boundary
Continuum of Care
Amtrak/Amtrak Stations
Job Change (LED)
Regional Planning Organizations (MPO)
Transit information

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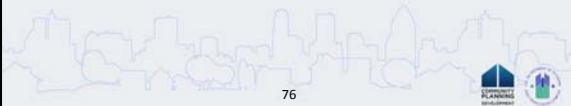
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**Exercise 5**

## Customizing a Map

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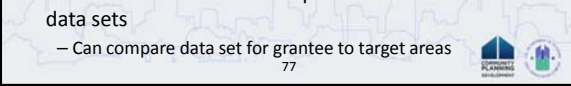
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## Reports Widget

- Generates Excel spreadsheet with data for one geography or aggregate data for multiple geographies into one data set
- Data options include:
  - Demographics
  - Economic Context
  - Housing Needs
  - Special Needs
  - Housing Supply
- Includes data beyond map layers
- Most tables in Con Plan template correlate to these data sets
  - Can compare data set for grantee to target areas

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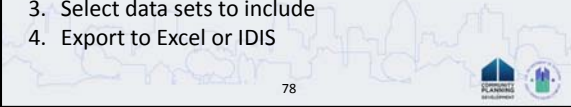
## Reports Widget

1. Select geographies



2. Choose reference geography (optional)
3. Select data sets to include
4. Export to Excel or IDIS

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### Report in Excel

CPD Maps  
Consolidated Plan and Continuum of Care Planning Tool

Target Report Area Name: For Hendersonville (CDBG Grantee)  
Reference Report Area Name: For Sumner County

Housing Needs

	Target		Reference	
	Number	Percentage	Number	Percentage
Households with 1 or more occupants per room:	134	0.73%	484	0.84%
Owner Households with 1.00 or less occupants per room	12,707	99.69%	42,540	99.68%
Owner Households with 1.01 to 1.50 occupants per room	27	0.21%	198	0.46%
Owner Households with 1.51 or more occupants per room	12	0.09%	24	0.05%
Renter Households with 1.00 or less occupants per room	5,455	96.29%	14,290	98.30%
Renter Households with 1.01 to 1.50 occupants per room	54	0.97%	221	1.52%
Renter Households with 1.51 or more occupants per room	41	0.74%	41	0.28%

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### Exercise 6

## Generating a Report in CPD Maps

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### Data Toolkit Widget

- Produces spreadsheet to compare and analyze target geography to reference geographies
- Three-tiered process
  - Issue Identification
  - Issue Characterization
  - Issue Location
- Spreadsheet tools for housing and economic variables

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 **Upload Point File Widget**

- Geocode unique user point-based files and display in CPD Maps
- Point-based files can be uploaded by address or latitude/longitude
- Multiple point-based files can be uploaded to one map
- Point-based files may include:
  - Institutions
  - Local Projects
  - Public Facilities

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 **Map Query Widget**

- Identifies similar geographies based on common characteristics in their underlying data
- Facilitates analytical searches, comparisons
- Can query on up to three data variables at once
- Example:
  - What tracts have highest number of low income households **AND** lowest vacancy rates **AND** high percentage of older rental housing.

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 **Map Query Widget**

- Set query level: national or grantee
- Set geography type
- Select up to three variables
- Set minimum and maximum values for each variable
- Results page functionality:
  - Sort by column
  - Highlight each geography

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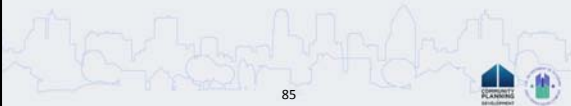
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**Exercise 7**

Using the Identify and Map Query Widgets



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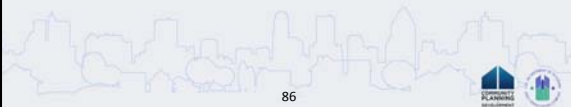
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**Beyond CPD Maps**

- CPD Maps data available to other mapping systems
  - ARCGIS.com
  - ArcMap and other ESRI Products
  - Google Earth
- Mapping Services server:  
<http://egis.hud.gov/ArcGIS>



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**Questions on CPD Maps?**

In summary, CPD supports grantees by:

- Providing a tool to analyze and display demographic, housing, and economic conditions in the community;
- Helping them better understand the variations in these conditions across the community;
- Providing data and graphics to support the Con Plan and the Annual Action Plan.



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### Additional Assistance

- OneCPD Resource Exchange
  - [www.onecpd.info](http://www.onecpd.info)
  - Ask a Question
  - Resources
- Con Plan website
  - [http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/about/conplan](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/about/conplan)
  - Desk Guides
  - Troubleshooting Guide
  - FAQ Resources

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### Summary

- Additional Questions?
- Evaluations
- Additional Technical Assistance

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