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Mayor Annise Parker

Parks Master Plan Phase II

What We Have, What We Need and Where We are Headed

THE TRUST for PUBLIC LAND

CENTER FOR CIVIC LEADERSHIP
RICE UNIVERSITY

Houston Department of Health and Human Services

CLARK CONDON

RICE UNIVERSITY Shell Center for Sustainability
10 YEARS OF RESEARCH, EDUCATION AND OUTREACH 2002 - 2012

HOUSTON PARKS BOARD

CITY OF HOUSTON HOUSING AND COMMUNITY DEVELOPMENT

PLANNING & DEVELOPMENT DEPARTMENT

Houston-Galveston Area Council

CHANGING NEIGHBORHOODS THROUGH PARKS

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Speakers

Mark Ross, *HPARD Deputy Director*

Renissa Garza Montalvo, *HPARD Senior Project Manager*

Yuhayna McCoy, *HPARD Project Manager*

Abby Martin, *Trust for Public Land Research Coordinator*

Rachael Die, *HPARD Planner*

Robert Stein, PhD, *Rice University Professor and Faculty Director, Center for Civic Leadership*

Joe Turner, *HPARD Director*

HPARD Master Plan Phase II

Metropolitan
Multi-Service Center

Bethel Church

Sagemont Community Center

Mandell Park

Master Planning- Why Do We Do It?

- Master Plan 2001 & 2007
- Identifies Goals and Implementation Strategies
- Community Input
- Decision-making Tool

Avenue Place Park

Waters Edge

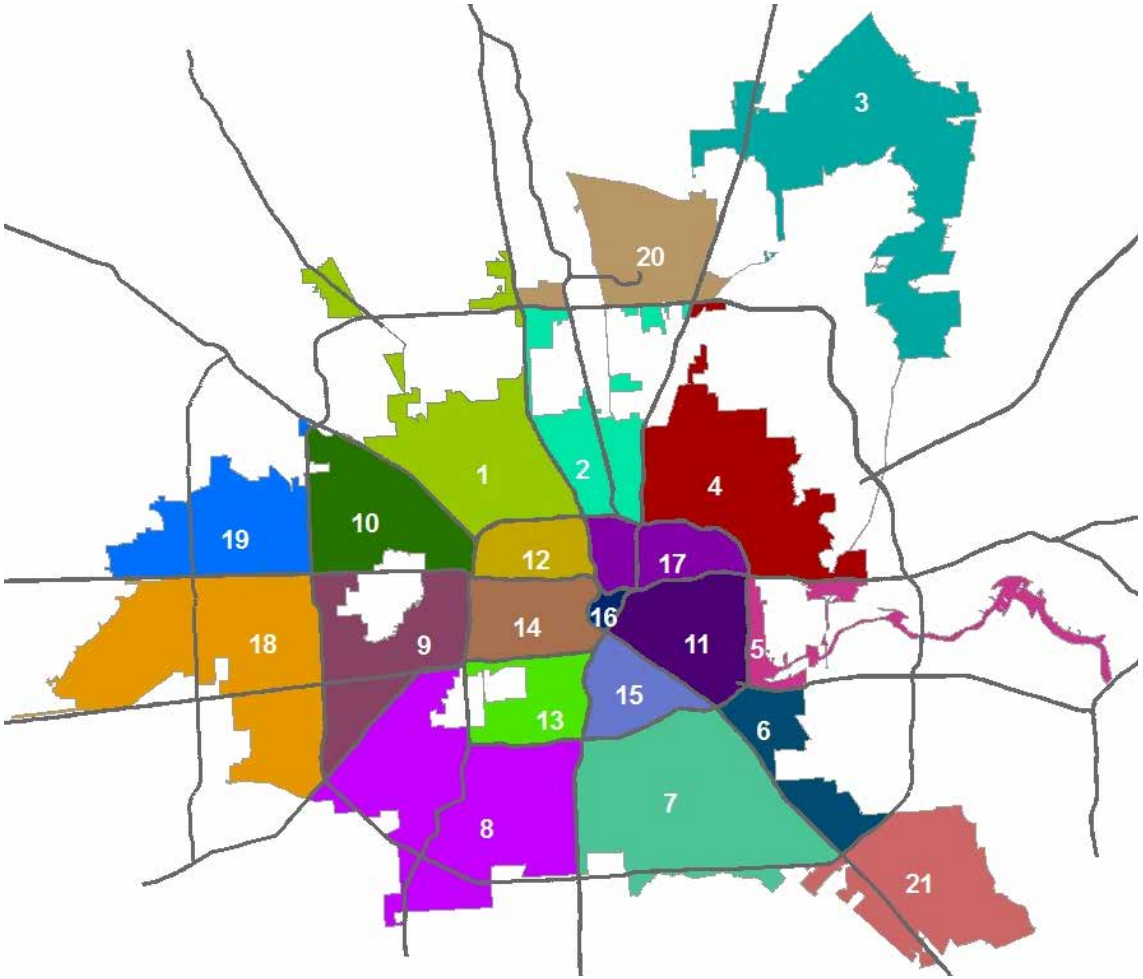
PARKS AND OPEN SPACE ORDINANCE - 2007

Parks and Open Space Ordinance & HPARD Parks Master Plan

Ordinance effective
November 1, 2007

Created 21
Park Sectors

Option to either:
(1) Dedicate private or public land
(2) Pay a fee



Public Park Dedication: Avenue CDC

Mixed Income:
Single-Family
& Apartments

Public Park Land
Dedicated: 1.05 acres
$25,000

P&R Dedication Fund:
$165,000

Avenue CDC:
$195,000

Total Park Development:
$360,000

Avenue Place Park

CHANGING NEIGHBORHOODS THROUGH PARKS

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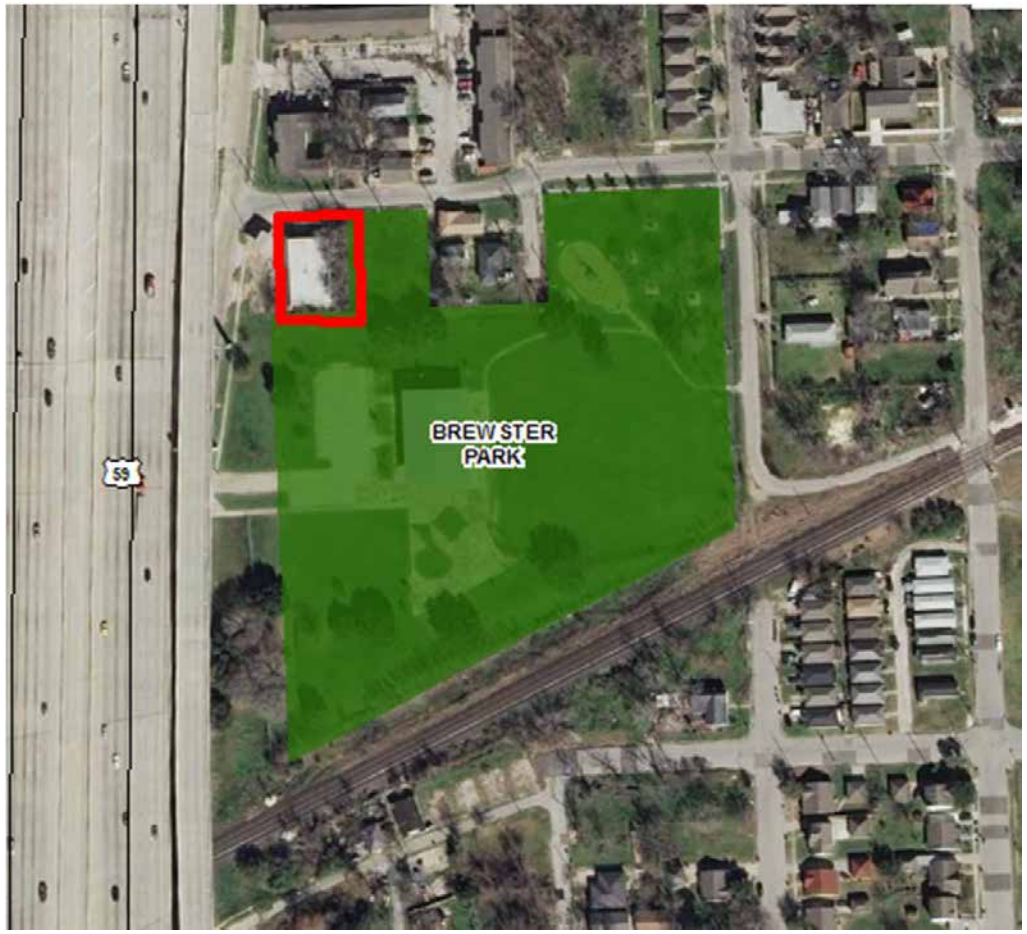
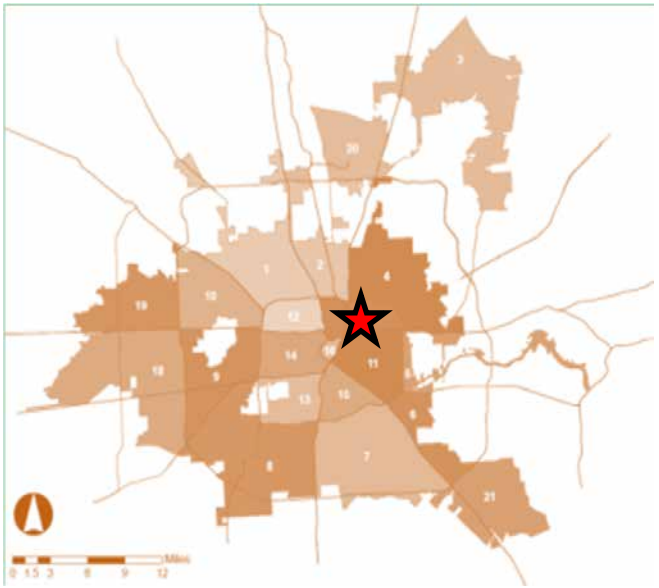
PUBLIC PARK EXPANSION: BREWSTER PARK

Expansion: 0.27 acres





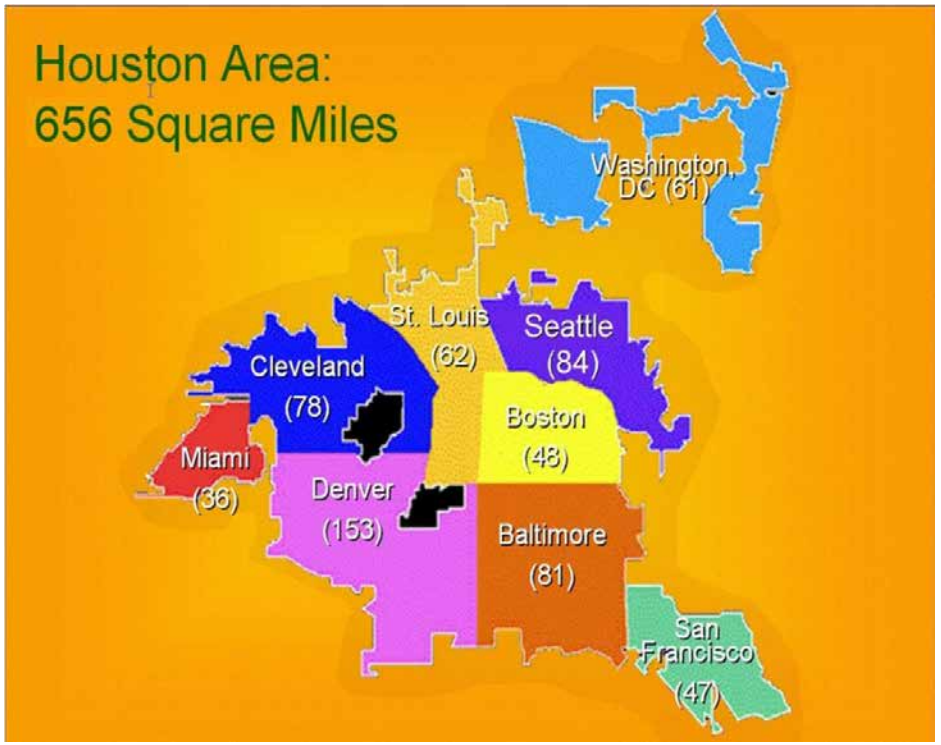
Brewster Expansion: Before

Brewster Park: After

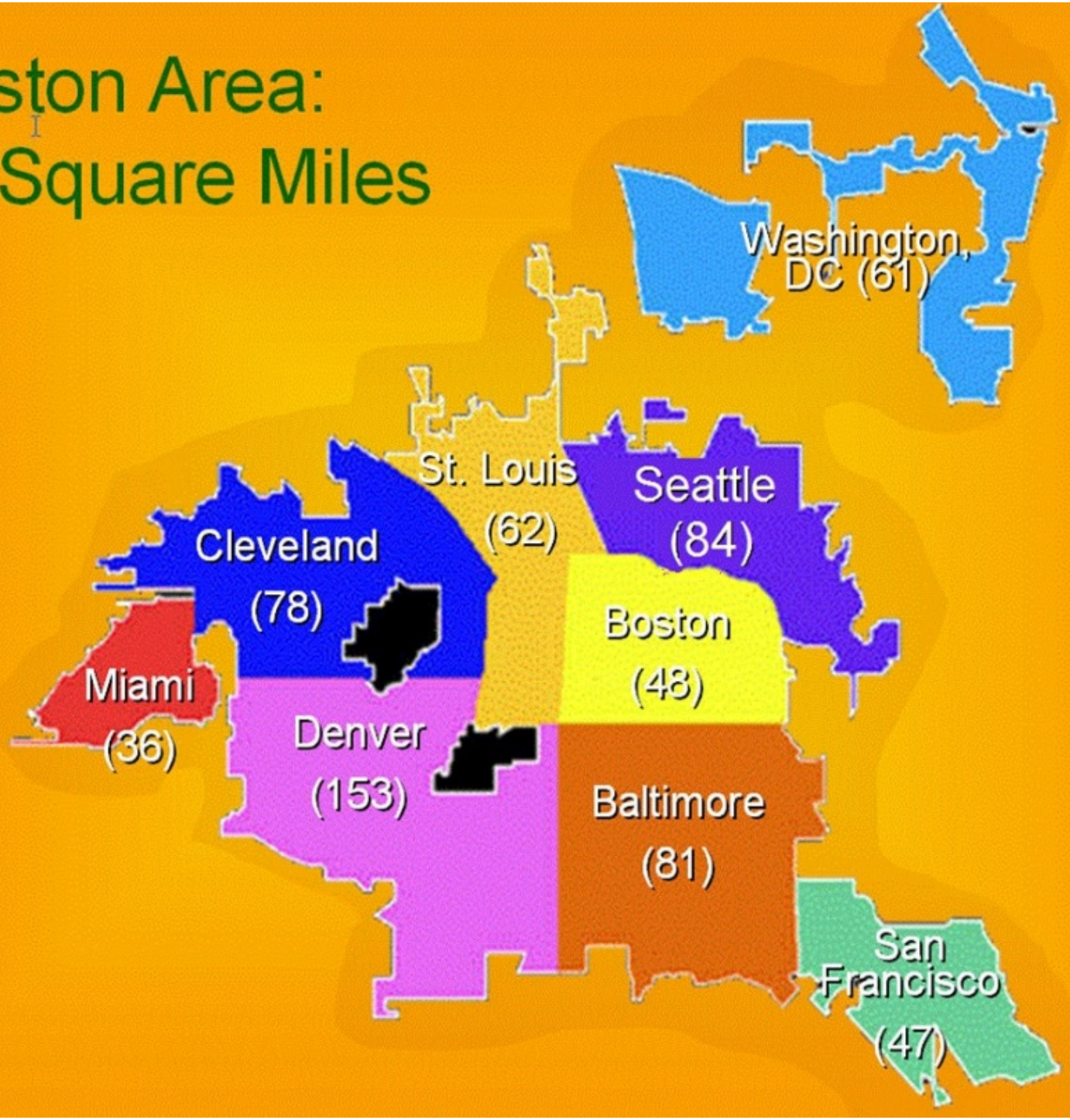
Brewster Park: After

City of Houston Profile

- Population: 2,119,831
- Population Density: 5.03/acre
- Number of Parks: 370 Parks
- Acres of Park Land & Open Space: 37,859 acres
- 23 Acres/1,000 people

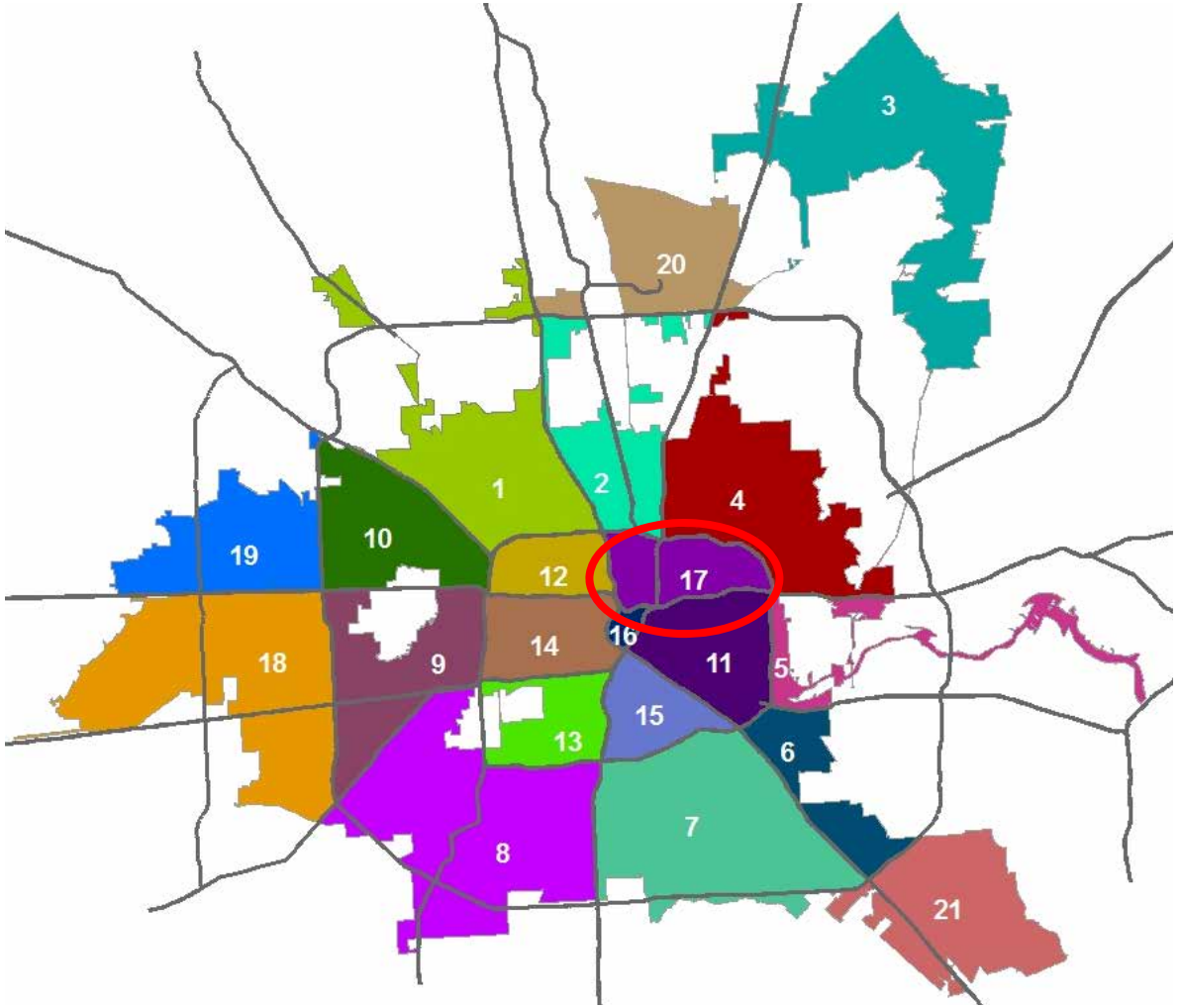


Houston Area:
656 Square Miles



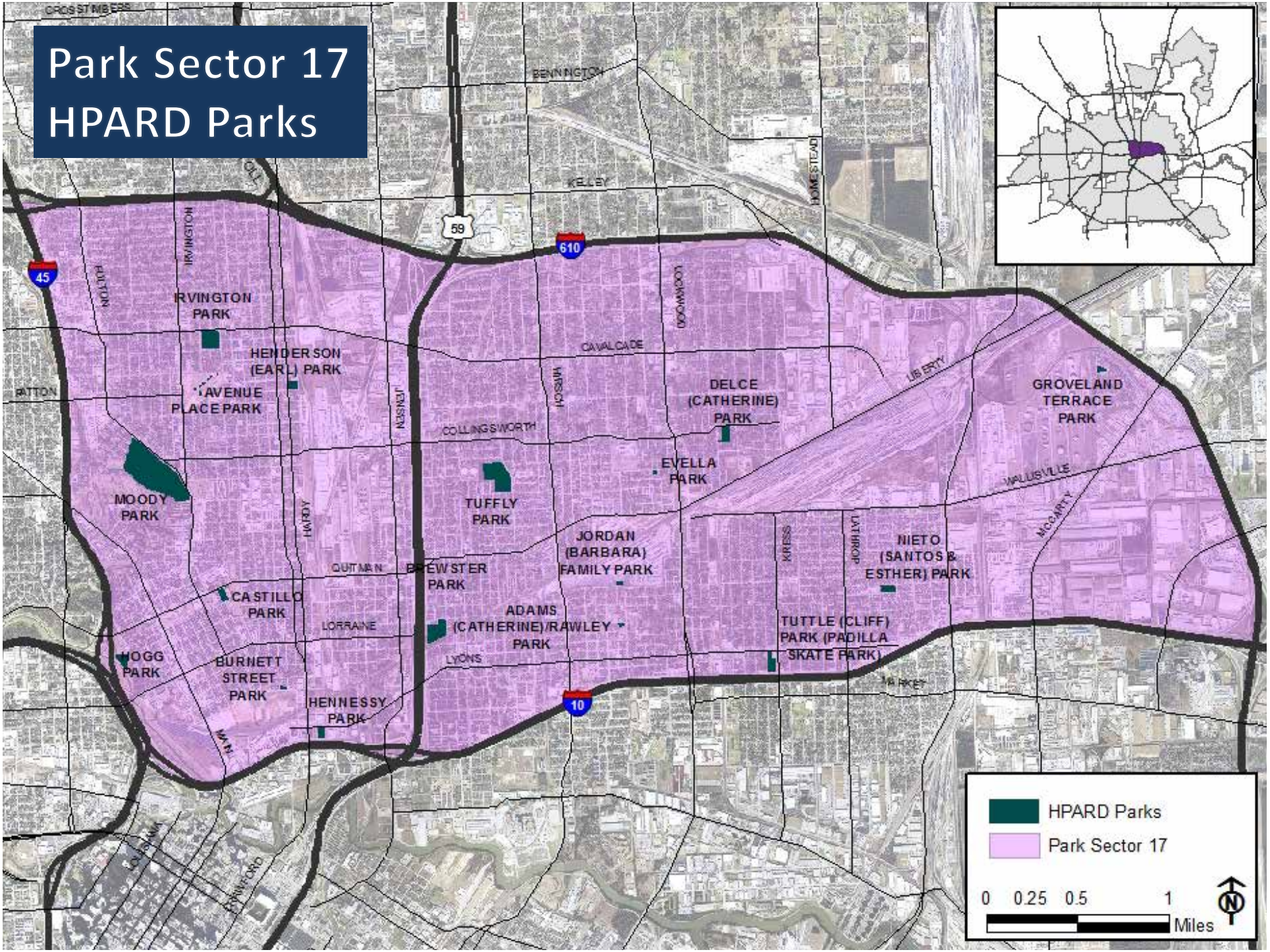
HPARD Assets and Amenities

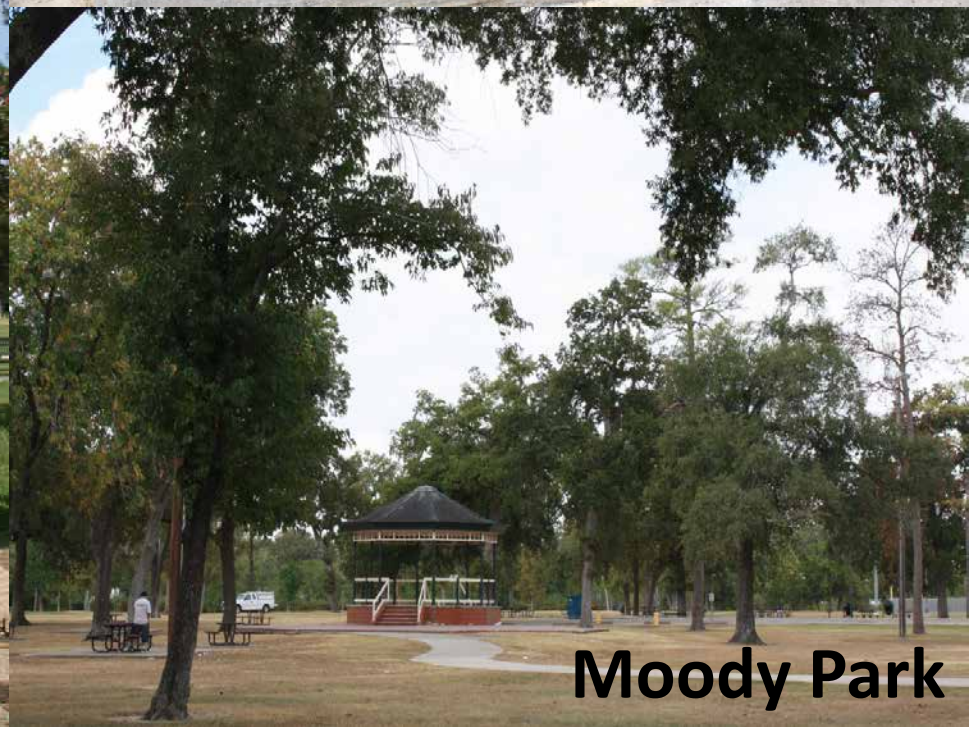
- 61 Community Centers
- 38 Pools
- 23 Water Spraygrounds
- 224 Playgrounds
- 138 Miles of Trails
- 8 Golf Courses
- 5 Disc Golf Courses
- 206 Tennis Courts
- 17 Volleyball Courts
- 62 Outdoor Basketball Courts
- 158 Baseball & Softball Fields
- 90 Soccer Fields
- 9 Dog Parks
- 6 Skate Parks



METHODOLOGY: PARK SECTOR 17 PROFILE

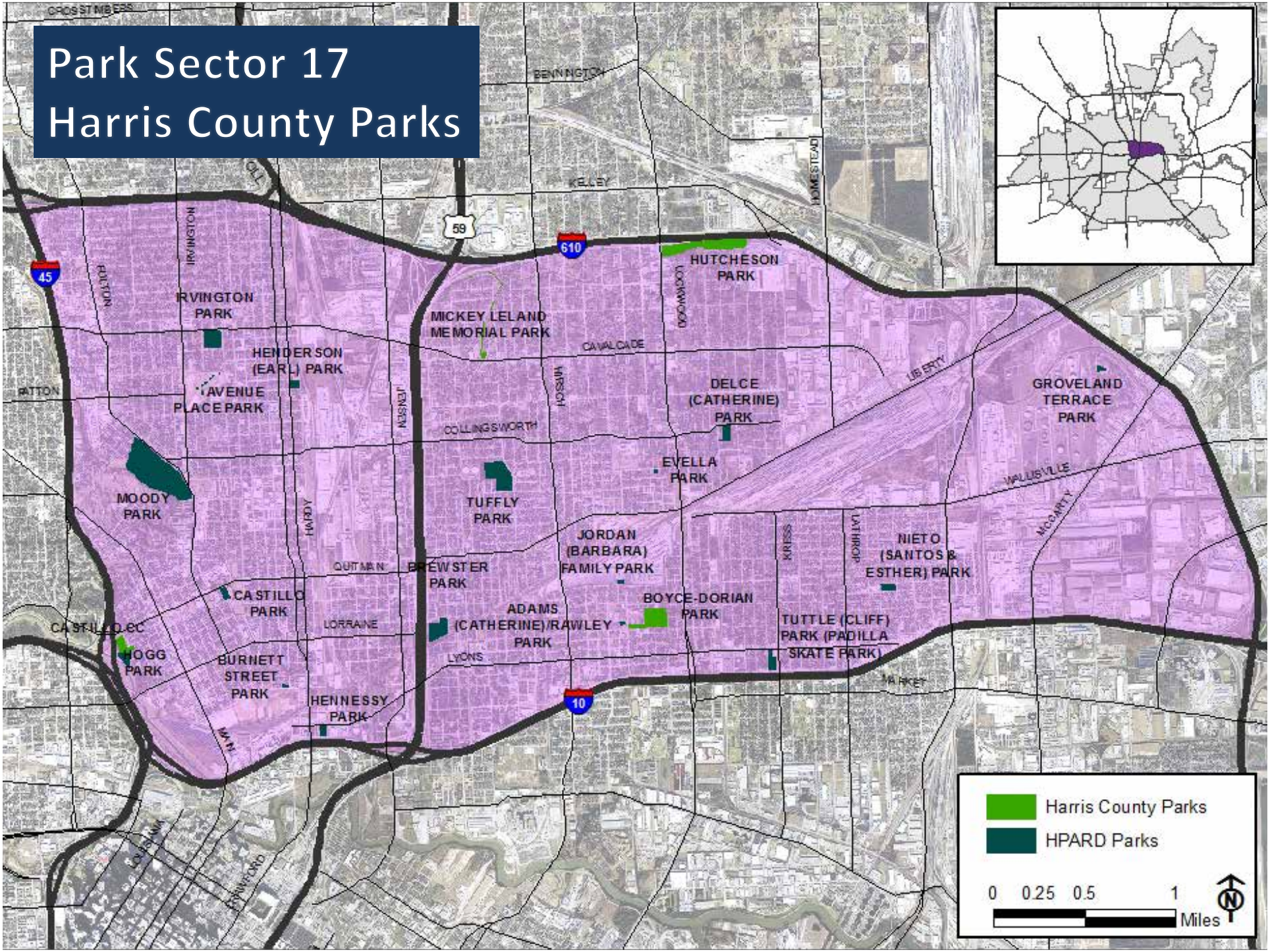
Existing Conditions, Analysis, Opportunities

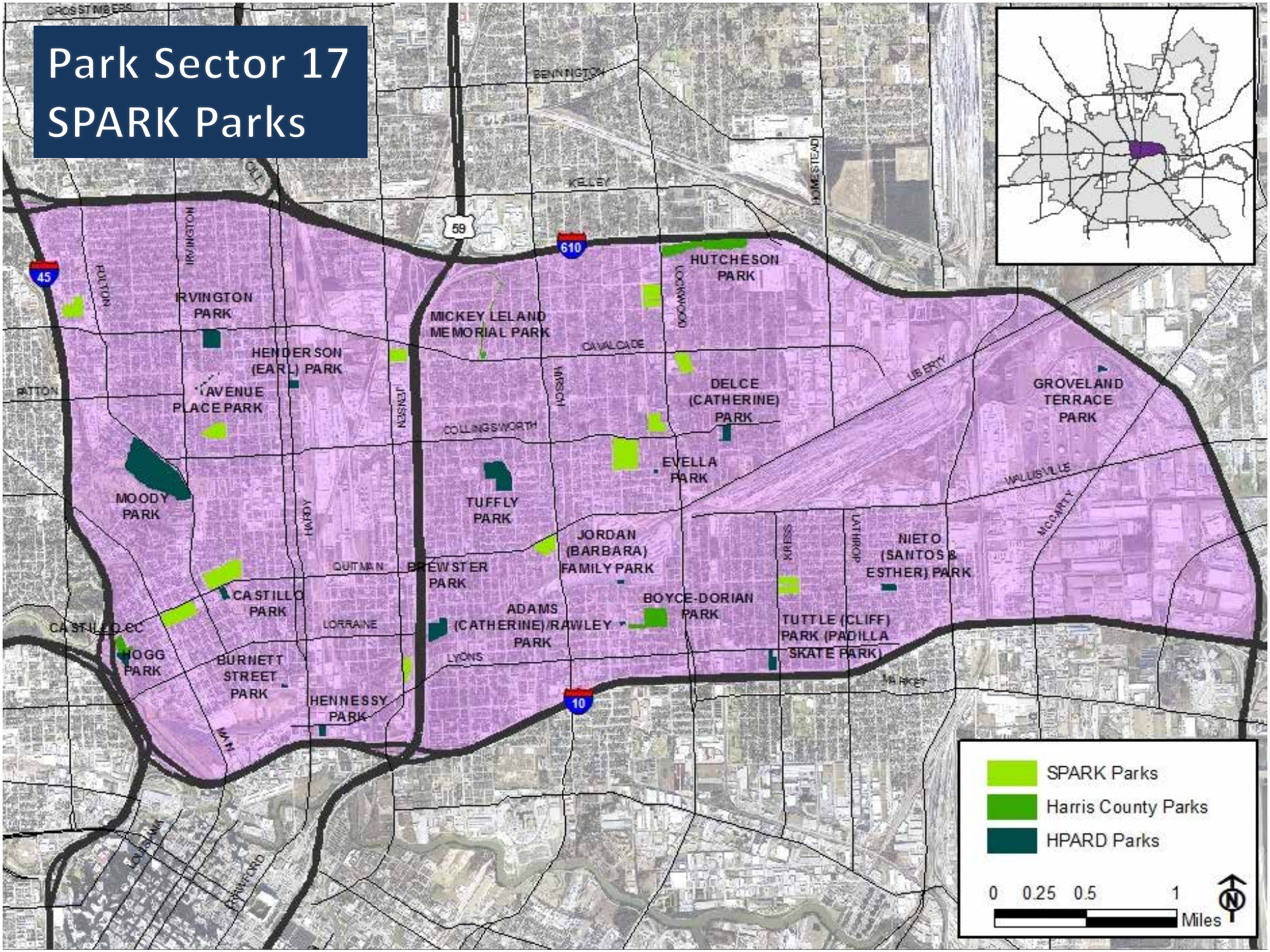

Park Sector 17
HPARD Parks
IRVINGTON PARK
HENDERSON (EARL) PARK
AVENUE PLACE PARK
MOODY PARK
TUFFLY PARK
EVELLA PARK
DELCE (CATHERINE) PARK
GROVELAND TERRACE PARK
JORDAN (BARBARA) FAMILY PARK
NIETO (SANTOS & ESTHER) PARK
BREWSTER PARK
CASTILLO PARK
ADAMS (CATHERINE)/RAWLEY PARK
TUTTLE (CLIFF) PARK (PADILLA SKATE PARK)
HOGG PARK
BURNETT STREET PARK
HENNESSY PARK
KELLEY
CAVALCADE
COLLINGSWORTH
LORRAINE
QUITMAN
LYONS
MARKET
WALLISVILLE
LIBERTY
FULTON
IRVINGTON
HARDY
JENSEN
MISSOURI
LOCKWOOD
HOMESTEAD
KRESS
LATHROP
McCARTY
PATTON
MAIN
59
610
45
10
HPARD Parks
Park Sector 17
0 0.25 0.5 1
Miles
N

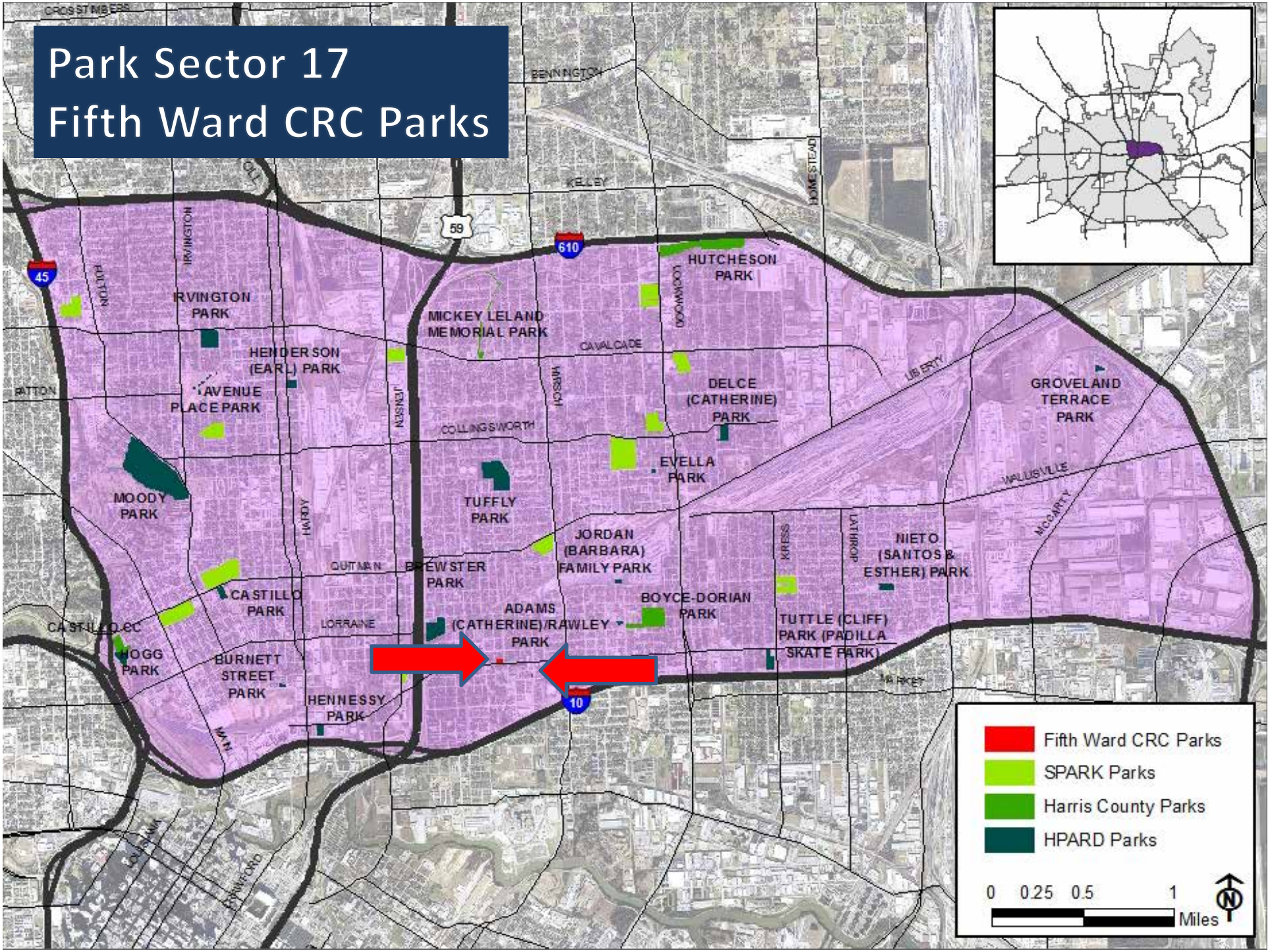


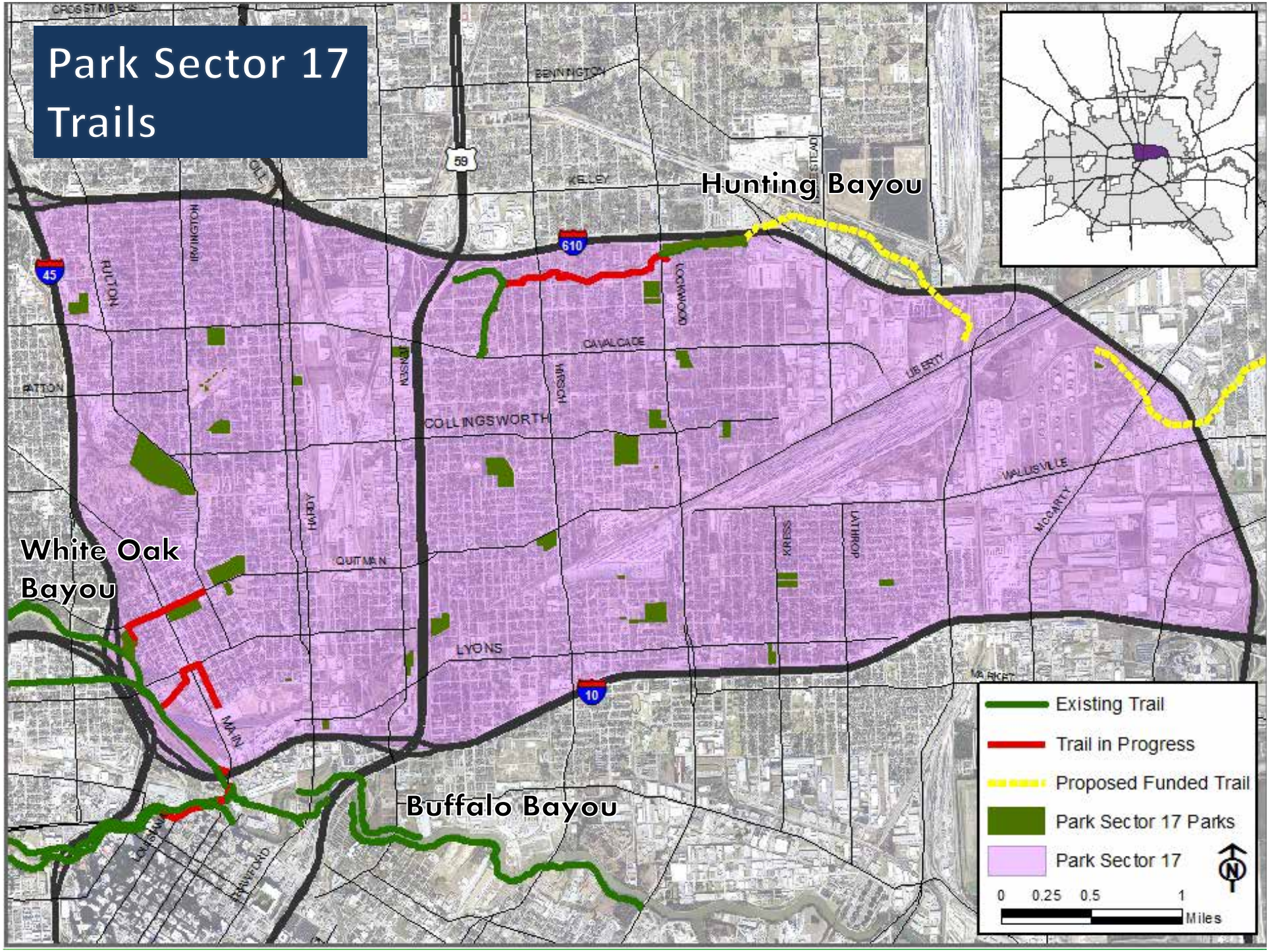
Moody Park

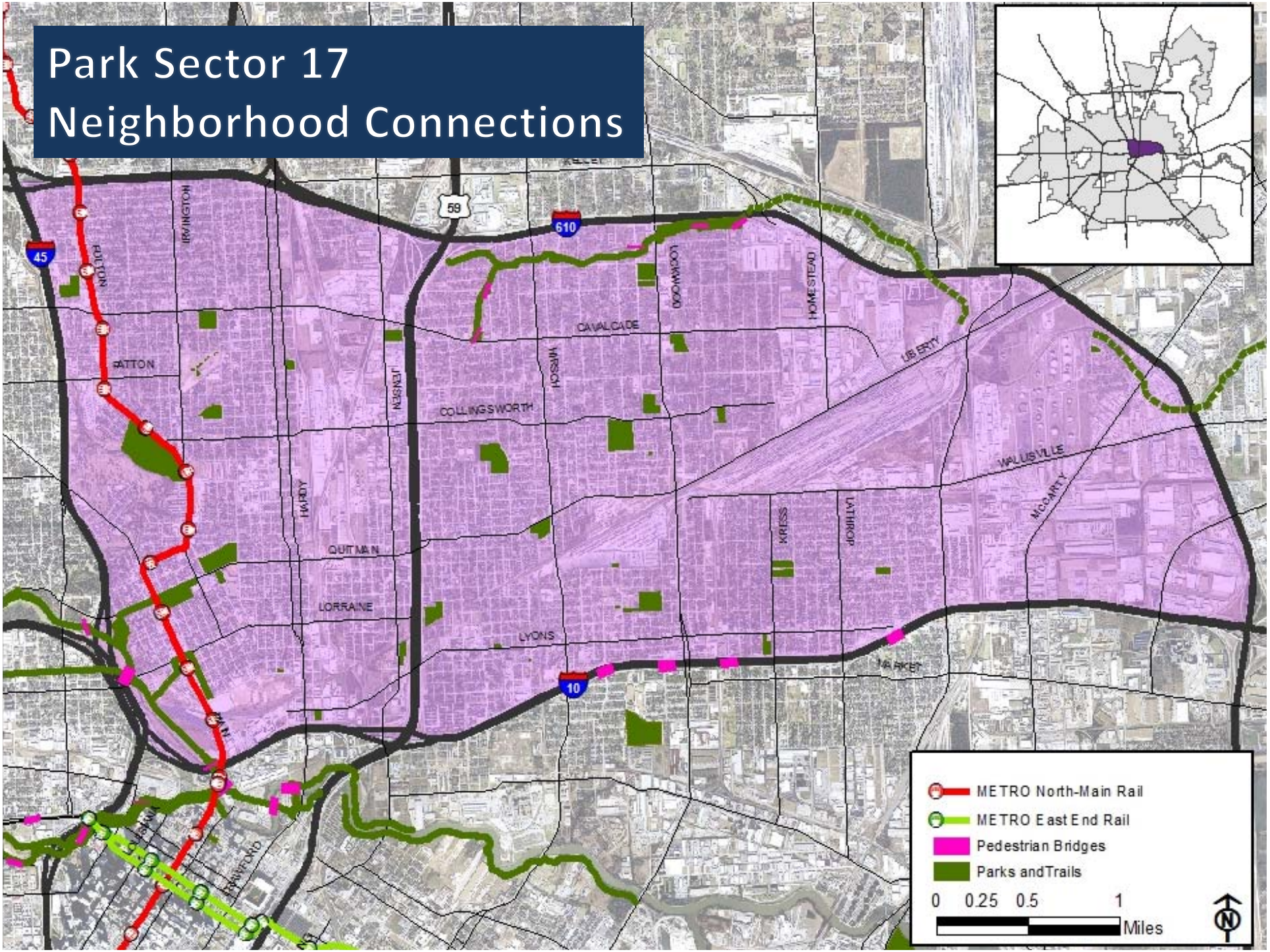
Irvington Park


Park Sector 17
Harris County Parks
CROSBY
BENNINGTON
KELLEY
HOMESTEAD
59
610
45
IRVINGTON
FULTON
IRVINGTON PARK
HENDERSON (EARL) PARK
AVENUE PLACE PARK
PATTON
MICKEY LELAND MEMORIAL PARK
CAVALCADE
HUTCHESON PARK
LOCKWOOD
DELCE (CATHERINE) PARK
COLLINGSWORTH
LIBERTY
GROVELAND TERRACE PARK
EVELLA PARK
WALLISVILLE
MOODY PARK
TUFFLY PARK
HARRISCH
JENSEN
HARDY
JORDAN (BARBARA) FAMILY PARK
KRESS
LATHROP
NIETO (SANTOS & ESTHER) PARK
McCARTY
QUITMAN
BREWSTER PARK
CASTILLO PARK
BOYCE-DORIAN PARK
ADAMS (CATHERINE) RAWLEY PARK
TUTTLE (CLIFF) PARK (PADILLA SKATE PARK)
CASTILLO CC
LORRAINE
HOGG PARK
BURNETT STREET PARK
LYONS
HENNESSY PARK
MARKET
10
MAIN
Harris County Parks
HPARD Parks
0 0.25 0.5 1
Miles
N


Park Sector 17
SPARK Parks
IRVINGTON PARK
HENDERSON (EARL) PARK
AVENUE PLACE PARK
MOODY PARK
CASTILLO PARK
HOGG PARK
BURNETT STREET PARK
HENNESSY PARK
MICKEY LELAND MEMORIAL PARK
TUFFLY PARK
BREWSTER PARK
ADAMS (CATHERINE) RAWLEY PARK
JORDAN (BARBARA) FAMILY PARK
HUTCHESON PARK
DELCE (CATHERINE) PARK
EVELLA PARK
BOYCE-DORIAN PARK
TUTTLE (CLIFF) PARK (PADILLA SKATE PARK)
NIETO (SANTOS & ESTHER) PARK
GROVELAND TERRACE PARK
SPARK Parks
Harris County Parks
HPARD Parks
0 0.25 0.5 1
Miles


Park Sector 17
Fifth Ward CRC Parks
IRVINGTON PARK
HENDERSON (EARL) PARK
AVENUE PLACE PARK
MOODY PARK
CASTILLO PARK
HOGG PARK
BURNETT STREET PARK
HENNESSY PARK
MICKEY LELAND MEMORIAL PARK
TUFFLY PARK
BREWSTER PARK
ADAMS (CATHERINE) RAWLEY PARK
JORDAN (BARBARA) FAMILY PARK
HUTCHESON PARK
DELCE (CATHERINE) PARK
EVELLA PARK
BOYCE-DORIAN PARK
TUTTLE (CLIFF) PARK (PADILLA SKATE PARK)
NIETO (SANTOS & ESTHER) PARK
GROVELAND TERRACE PARK
Fifth Ward CRC Parks
SPARK Parks
Harris County Parks
HPARD Parks
0 0.25 0.5 1
Miles


Park Sector 17 Trails
Hunting Bayou
White Oak Bayou
Buffalo Bayou
Existing Trail
Trail in Progress
Proposed Funded Trail
Park Sector 17 Parks
Park Sector 17
0 0.25 0.5 1
Miles
N
45
59
610
10
RUTTON
IRVINGTON
PATTON
HARDY
NEWTON
MOSCH
COOKWOOD
CAVALCADE
LIBERTY
COLLINGSWORTH
WALLISVILLE
McCARTY
KRESS
LATHROP
QUITMAN
LYONS
MAIN
KELLEY
BENNINGTON


Park Sector 17
Neighborhood Connections
45
59
610
10
PATTON
IRVINGTON
JENSEN
HARDY
HIRSCH
COOKWOOD
HOMESTEAD
CAVALCADE
LIBERTY
COLLINGSWORTH
WALLISVILLE
MCCARTY
KRESS
LATHROP
QUITMAN
LORRAINE
LYONS
MARKET
METRO North-Main Rail
METRO East End Rail
Pedestrian Bridges
Parks and Trails
0 0.25 0.5 1
Miles
N

Park Sector 17 - Facts

Current Inventory

- 32 Parks = 97 Acres
- 0.6 acres of park land per 1,000 residents

Current and Future Population

- 60,000 residents in 2010
- 67,000 residents by 2040

Health Metrics

- 49% considered obese
- 26% diabetic as diagnosed by a professional
- 37% physically active

Park Sector 17
Needs Assessment

Park Land Needs

- Need 55 acres of park land (Pocket, Neighborhood and Community Parks)
- Need 19 additional acres of park land by 2040

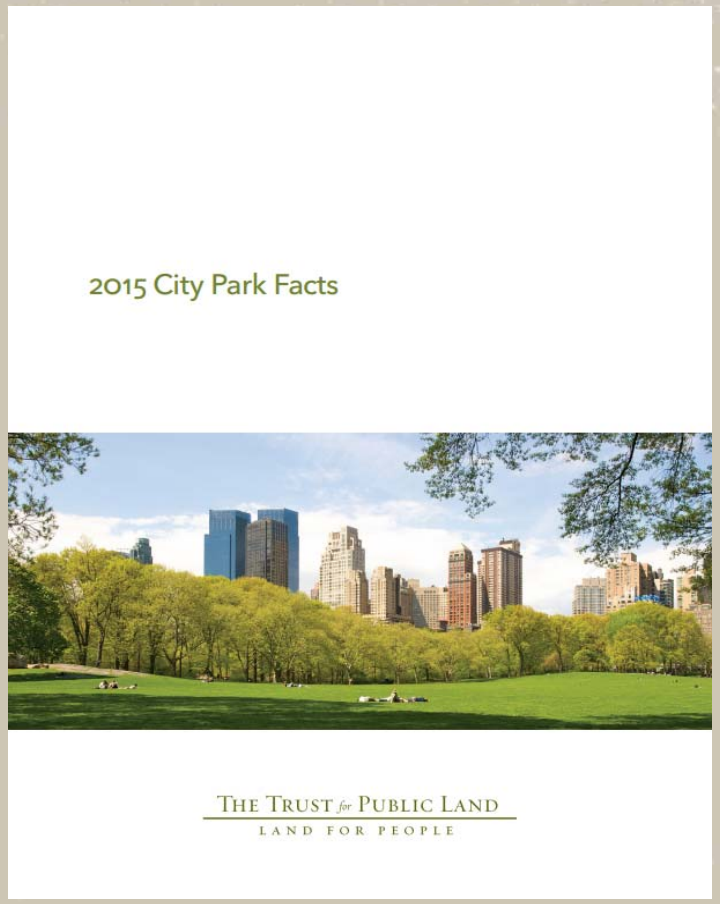
AMENITIES	Playgrounds	Picnic Shelters	Trails (miles)	Outdoor Basketball Courts	Tennis
2015 Goal	26	10	11	16	6
2015 Existing	26	10	10	16	3
2015 Needed	-	-	1	-	3
2040 Needed	-	-	-	-	1

ParkScore and the Data of Urban Parks

THE TRUST for PUBLIC LAND

LAND FOR PEOPLE

If You Don’t Count, You Don’t Count



THE TRUST for OUR LAND

THE TRUST for PUBLIC LAND

THE TRUST for PUBLIC LAND

LAND FOR PEOPLE

ParkScore® index

- Rates park systems in the 75 largest U.S. cities
- Also provides obesity and other demographic statistics

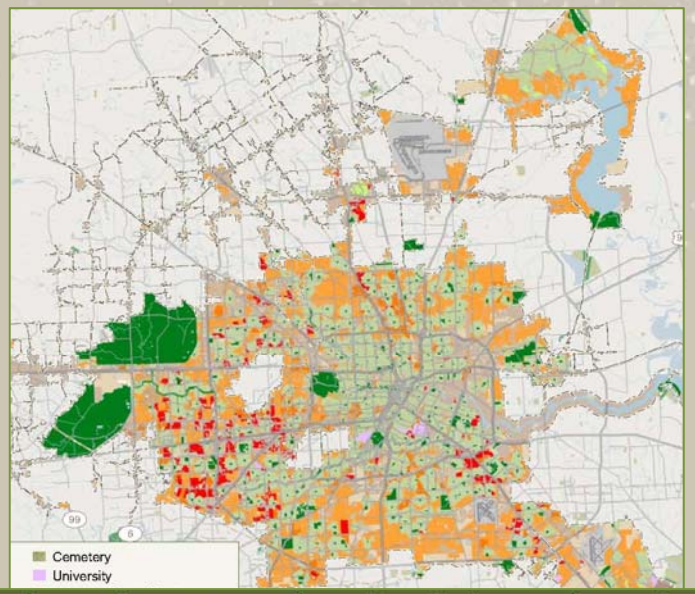
THE TRUST for OUR LAND

THE TRUST for PUBLIC LAND

ParkScore: Two Key Outcomes

1) Summary Rating: 1 to 5 park benches

2) Website: **ParkScore.org**
   - Especially useful to city leaders
   - A roadmap for park improvement



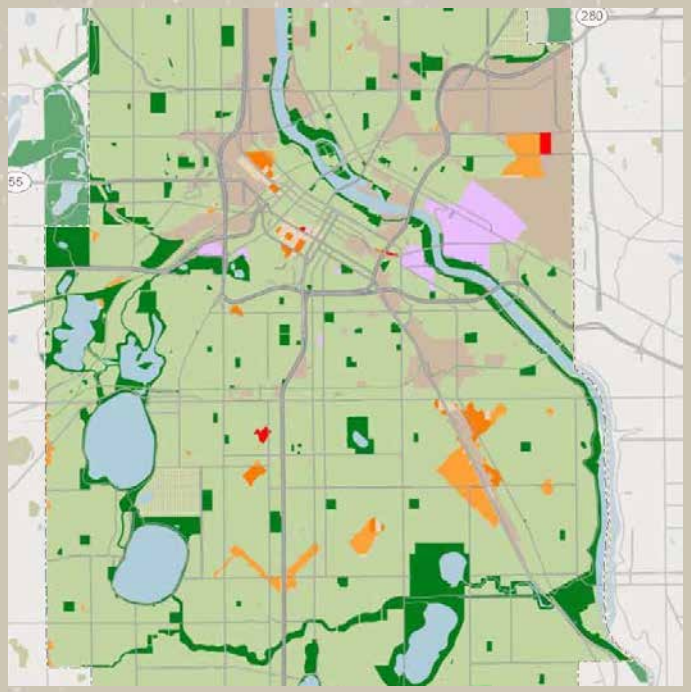
Demographic Category	Total Population	Population Served**	Percent Served**	Population Not Served	Percent Not Served
Total Population	2,254,280	1,088,971	48%	1,165,309	52%
Age 19 and Younger	636,841	296,658	47%	340,183	53%
20-64 Years Old	1,391,861	675,521	49%	716,340	51%
Over 64 Years Old	225,596	116,813	52%	108,783	48%

THE TRUST for OUR LAND

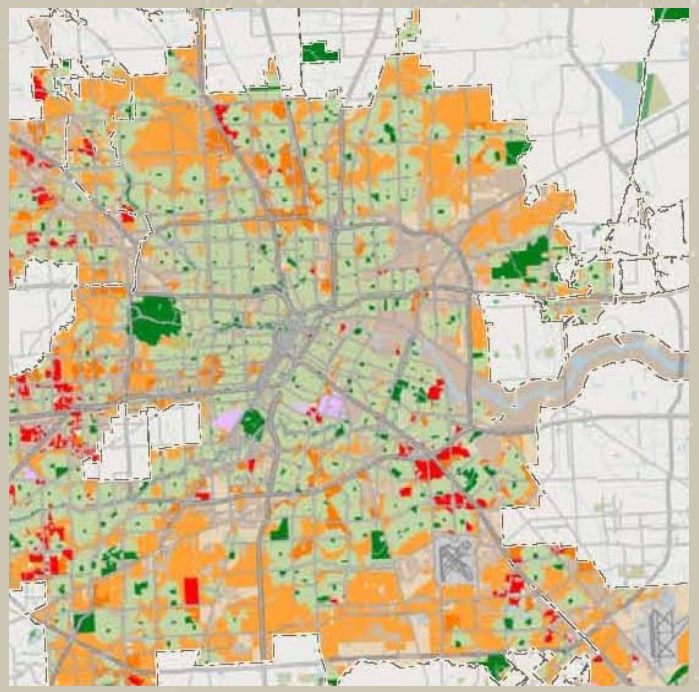
THE TRUST for PUBLIC LAND

ParkScore® Identifies Need

Red & Orange = Areas of Park Need



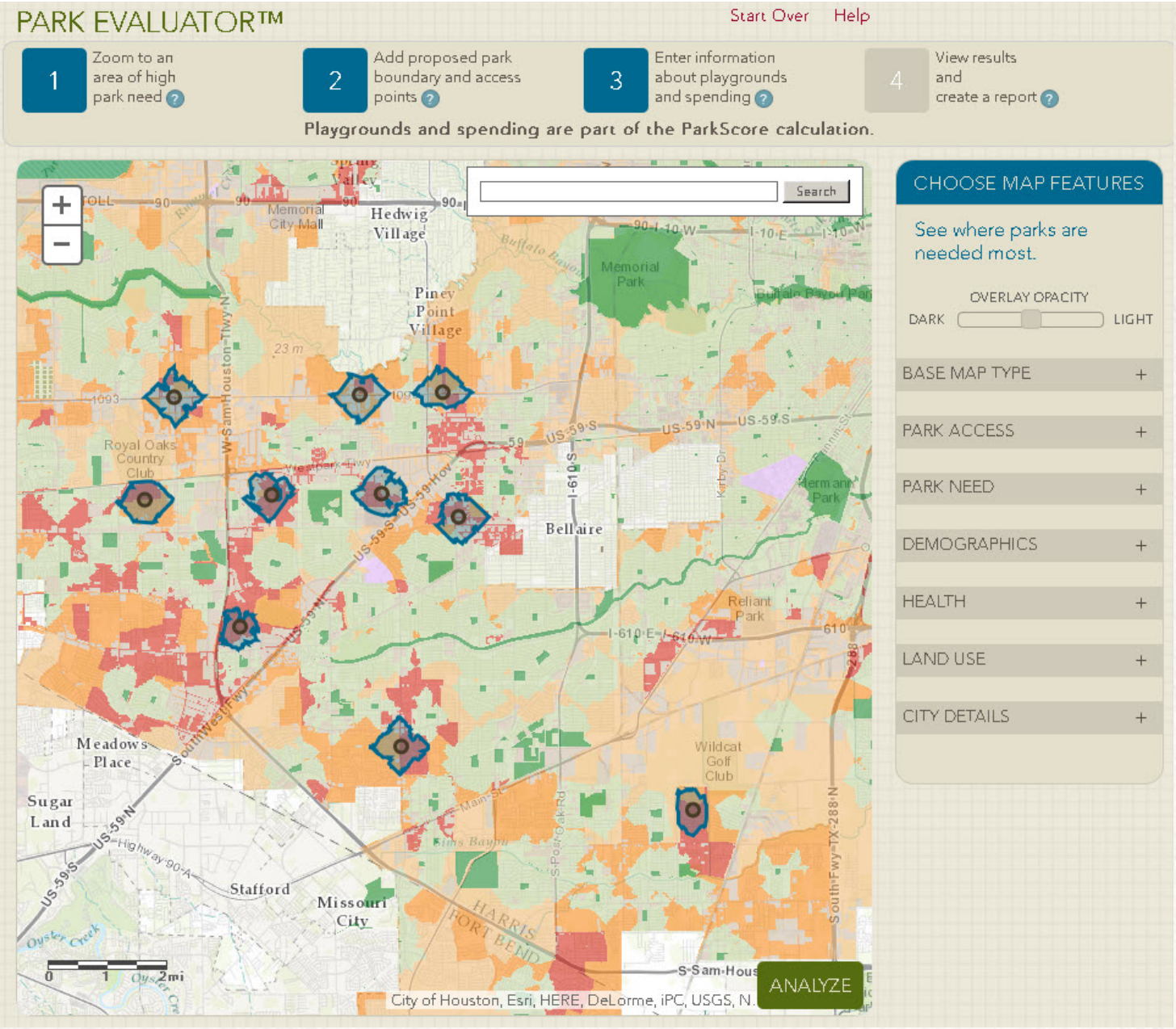
Minneapolis: 95% served



Houston: 48% served

THE TRUST for OUR LAND

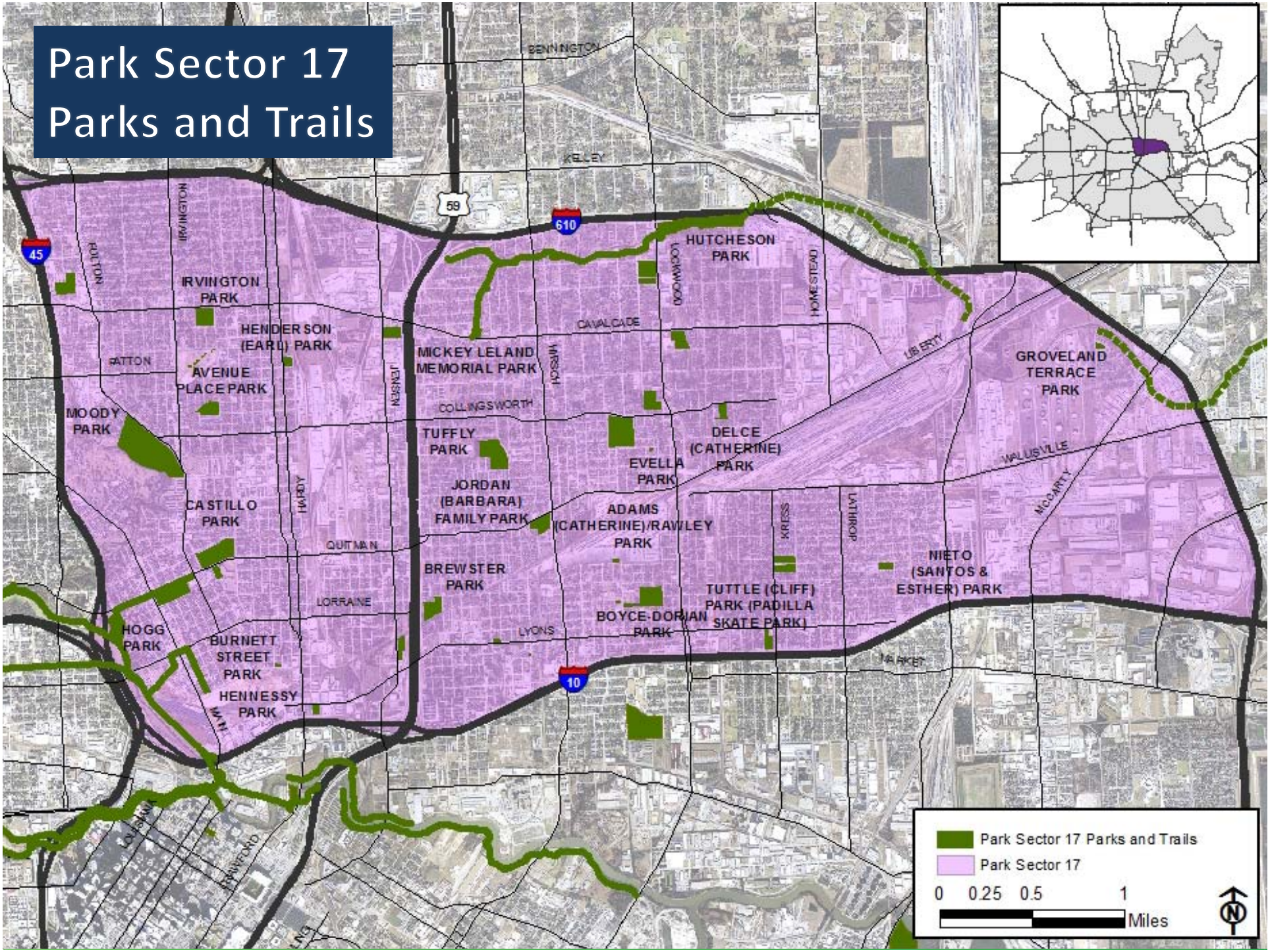
THE TRUST for PUBLIC LAND

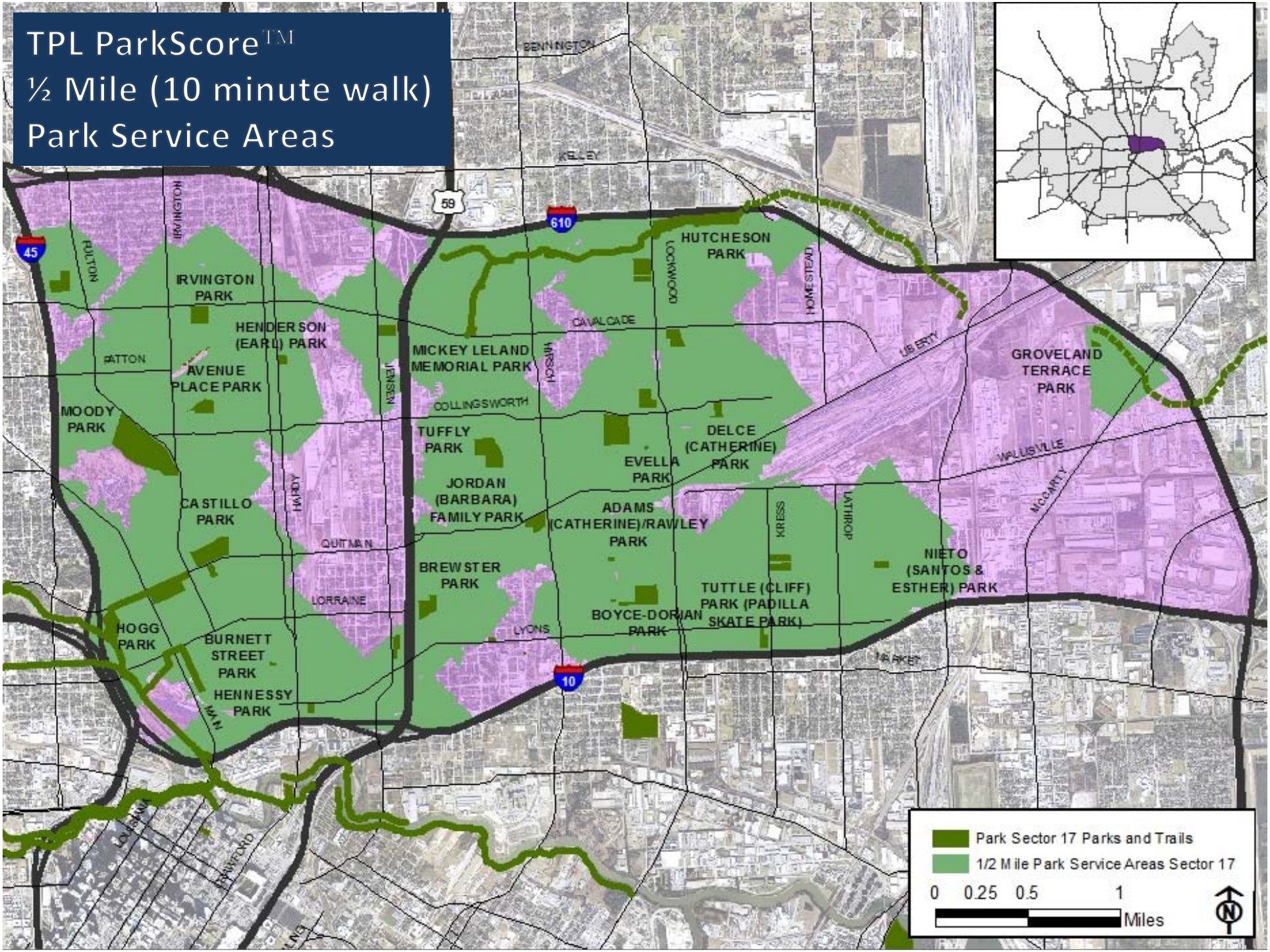


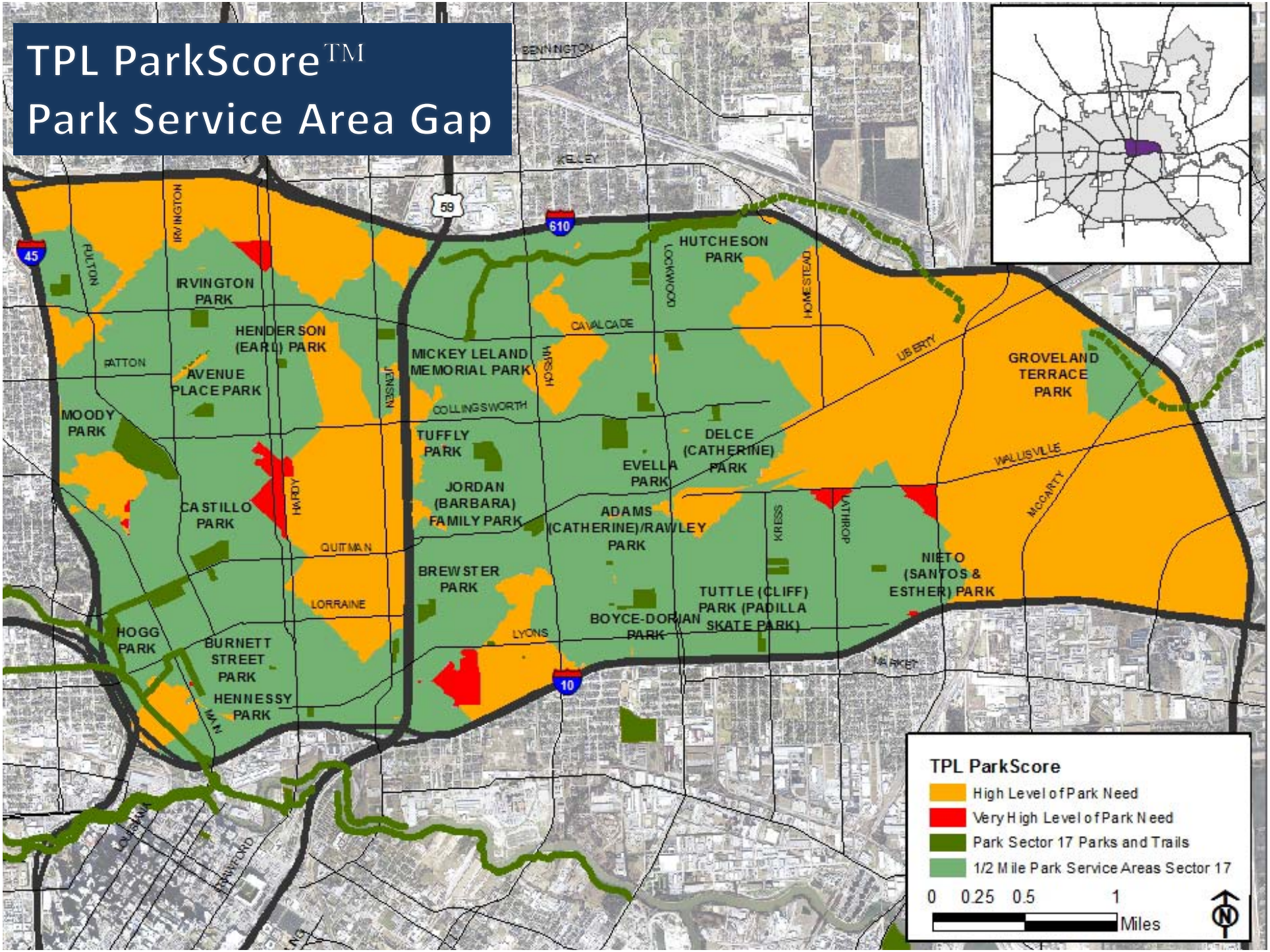
10 New Parks in these locations would serve approximately 57,477 new residents

Why 10 Minutes to a Park?

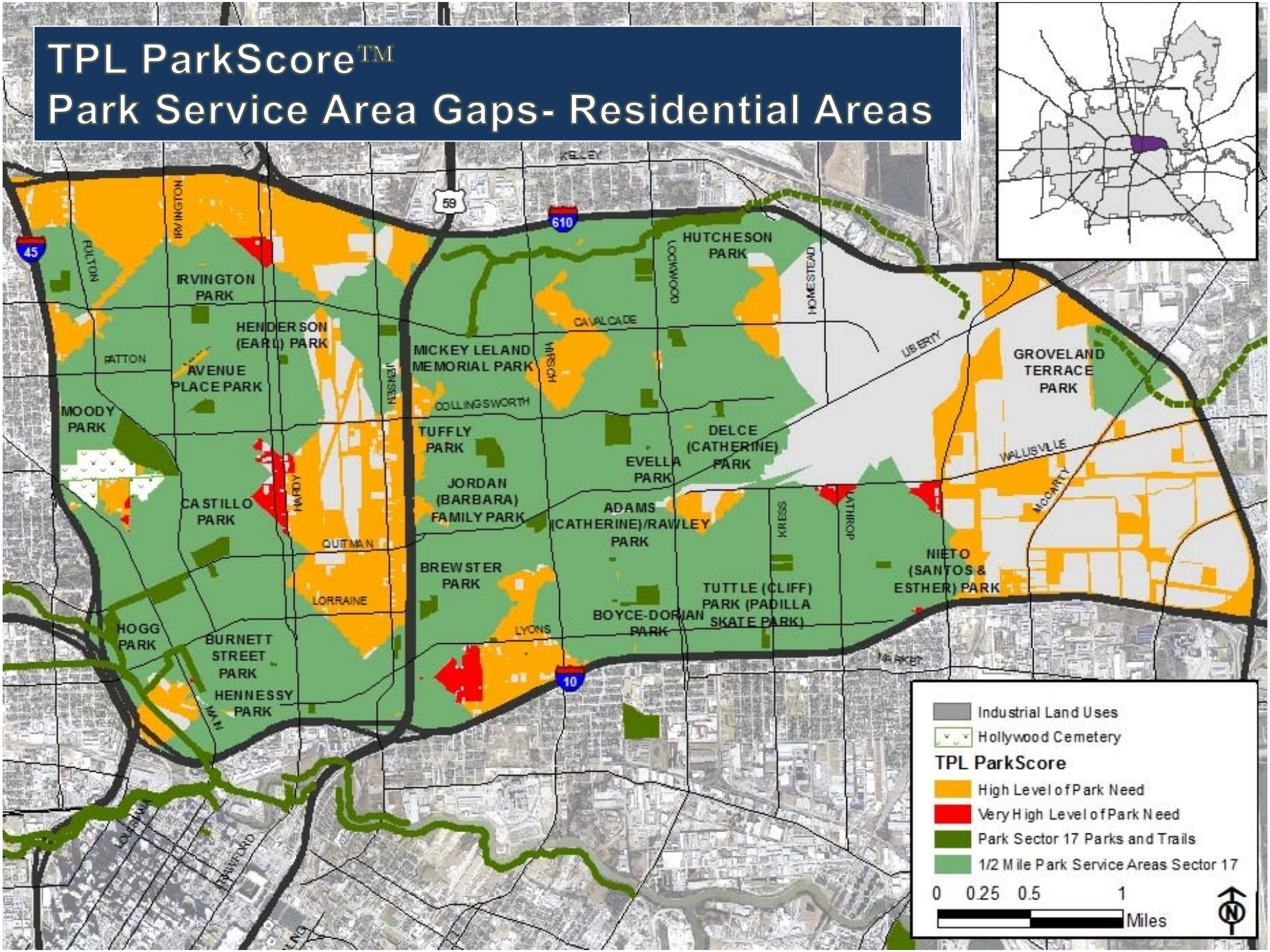
- Everyone, especially children, should live within an easy walk to a park.
- Parks are first-tier solution to city challenges, especially when distributed equitably.
  - Public health
  - Environmental benefits
  - Economic vitality
  - Strong communities
- ParkScore provides a roadmap to park creation, expansion, and enhancement.


Park Sector 17
Parks and Trails
BENNINGTON
KELLEY
59
610
45
IRVINGTON
FULTON
IRVINGTON PARK
HENDERSON (EARL) PARK
AVENUE PLACE PARK
PATTON
MOODY PARK
CASTILLO PARK
HARDY
JENSEN
MARSCH
MICKEY LELAND MEMORIAL PARK
COLLINGSWORTH
TUFFLY PARK
JORDAN (BARBARA) FAMILY PARK
QUITMAN
BREWSTER PARK
LORRAINE
LYONS
HOGG PARK
BURNETT STREET PARK
HENNESSY PARK
I-45
CAVALCADE
LOCKWOOD
HUTCHESON PARK
HOMESTEAD
LIBERTY
GROVELAND TERRACE PARK
EVELLA PARK
DELCE (CATHERINE) PARK
WALLISVILLE
ADAMS (CATHERINE)/RAWLEY PARK
KRESS
LATHROP
McCARTY
NIETO (SANTOS & ESTHER) PARK
BOYCE-DORIAN PARK
TUTTLE (CLIFF) PARK (PADILLA SKATE PARK)
MARKET
10
Park Sector 17 Parks and Trails
Park Sector 17
0 0.25 0.5 1
Miles
N

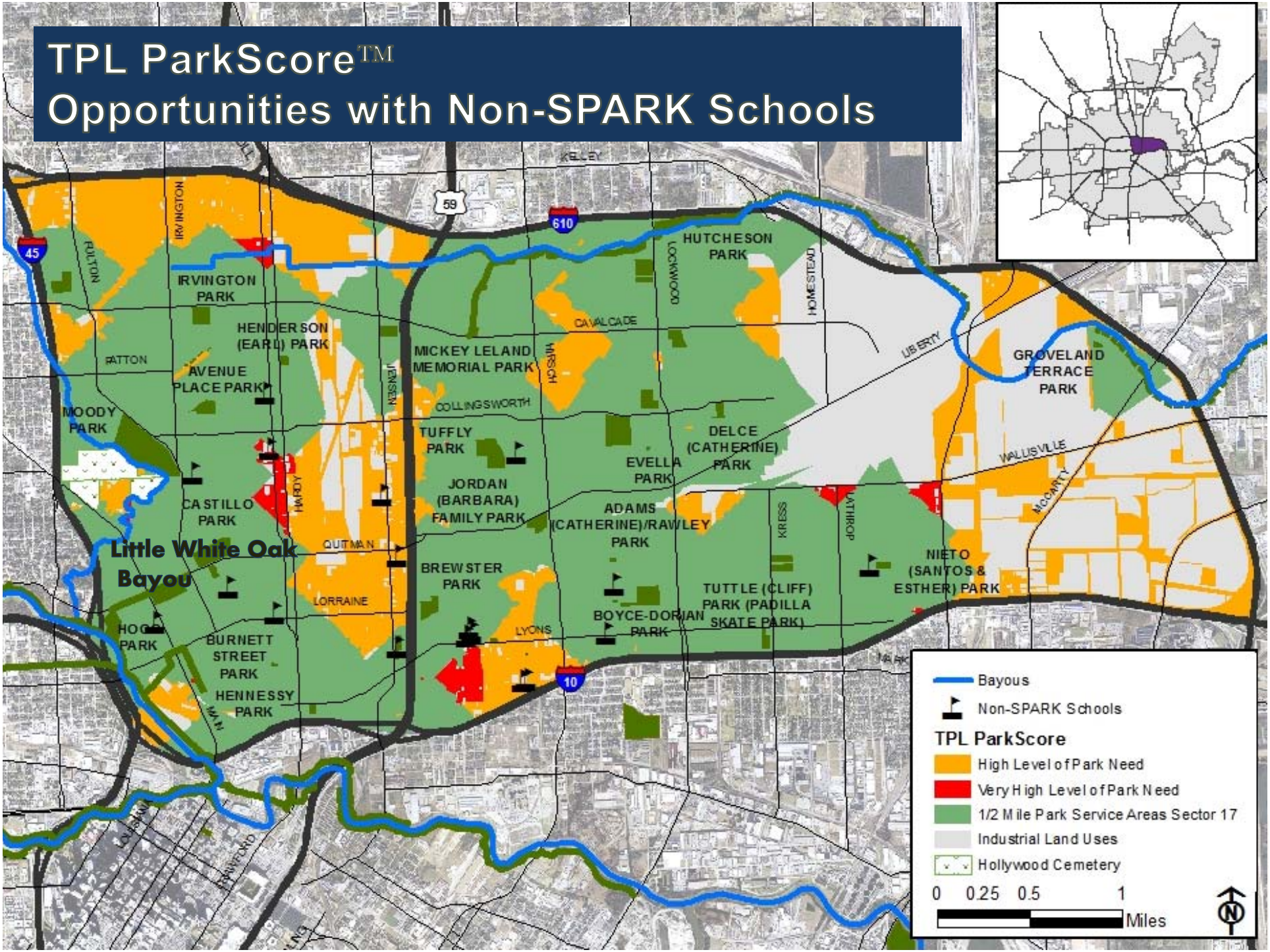

TPL ParkScore™
½ Mile (10 minute walk)
Park Service Areas
BENNINGTON
KELLEY
59
610
45
IRVINGTON
FULTON
IRVINGTON PARK
HENDERSON (EARL) PARK
PATTON
AVENUE PLACE PARK
MOODY PARK
JENSEN
HARDY
CASTILLO PARK
QUITMAN
LORRAINE
HOGG PARK
BURNETT STREET PARK
HENNESSY PARK
MAIN
LOCKWOOD
HUTCHESON PARK
CAVALCADE
MICKEY LELAND MEMORIAL PARK
HIRSCH
COLLINGSWORTH
TUFFLY PARK
JORDAN (BARBARA) FAMILY PARK
BREWSTER PARK
LYONS
HOMESTEAD
LIBERTY
GROVELAND TERRACE PARK
DELCE (CATHERINE) PARK
EVELLA PARK
WALLISVILLE
ADAMS (CATHERINE)/RAWLEY PARK
KRESS
LATHROP
McCARTY
NIETO (SANTOS & ESTHER) PARK
TUTTLE (CLIFF) PARK (PADILLA SKATE PARK)
BOYCE-DORMAN PARK
MARKET
10
Park Sector 17 Parks and Trails
1/2 Mile Park Service Areas Sector 17
0 0.25 0.5 1
Miles
N


TPL ParkScore™
Park Service Area Gap
BENNINGTON
KELLEY
59
610
45
10
IRVINGTON
FULTON
PATTON
JENSEN
HARDY
LOCKWOOD
HUTCHESON PARK
HOMESTEAD
CAVALCADE
HIRSCH
LIBERTY
COLLINGSWORTH
QUITMAN
LORRAINE
LYONS
WALLISVILLE
MCCARTY
KRESS
LATHROP
MARKET
IRVINGTON PARK
HENDERSON (EARL) PARK
AVENUE PLACE PARK
MOODY PARK
CASTILLO PARK
HOGG PARK
BURNETT STREET PARK
HENNESSY PARK
MICKEY LELAND MEMORIAL PARK
TUFFLY PARK
JORDAN (BARBARA) FAMILY PARK
BREWSTER PARK
EVELLA PARK
DELCE (CATHERINE) PARK
ADAMS (CATHERINE)/RAWLEY PARK
BOYCE-DORIAN PARK
TUTTLE (CLIFF) PARK (PADILLA SKATE PARK)
GROVELAND TERRACE PARK
NIETO (SANTOS & ESTHER) PARK
TPL ParkScore
High Level of Park Need
Very High Level of Park Need
Park Sector 17 Parks and Trails
1/2 Mile Park Service Areas Sector 17
0 0.25 0.5 1
Miles
N

TPL ParkScore™
Park Service Area Gaps- Residential Areas



TPL ParkScore™
Opportunities with Non-SPARK Schools



Park Sector 17
Estimated Costs to Meet Today's Needs (in Millions)

	Amenity Renovation	New Park Land	New Amenities
2015	$19	$10	$7

Park Sector 17
Estimated Costs to Meet
2040's Population Growth (in Millions)

	Amenity Renovation	New Park Land	New Amenities
2015	$19	$10	$7
2040	$40	$3	$1

Park Sector 17
Estimated Costs to Meet
2040's Total Population (in Millions)

	Amenity Renovation	New Park Land	New Amenities
2015	$19	$10	$7
2040	$40	$3	$1
Total	$59	$13	$8

FINDINGS AND IMPLEMENTATION

Parks Master Plan Partners

THE TRUST for PUBLIC LAND

CENTER FOR CIVIC LEADERSHIP
RICE UNIVERSITY

Houston-Galveston Area Council

Houston Department of Health and Human Services

PLANNING & DEVELOPMENT DEPARTMENT

CLARK CONDON

HOUSTON PARKS BOARD

LONE STAR COLLEGE

RICE UNIVERSITY
Shell Center for Sustainability
10 YEARS OF RESEARCH, EDUCATION AND OUTREACH
2002 - -2012

CITY OF HOUSTON
HOUSING AND COMMUNITY DEVELOPMENT

UNIVERSITY of ST. THOMAS

CHANGING NEIGHBORHOODS THROUGH PARKS

houston PARKS & recreation department
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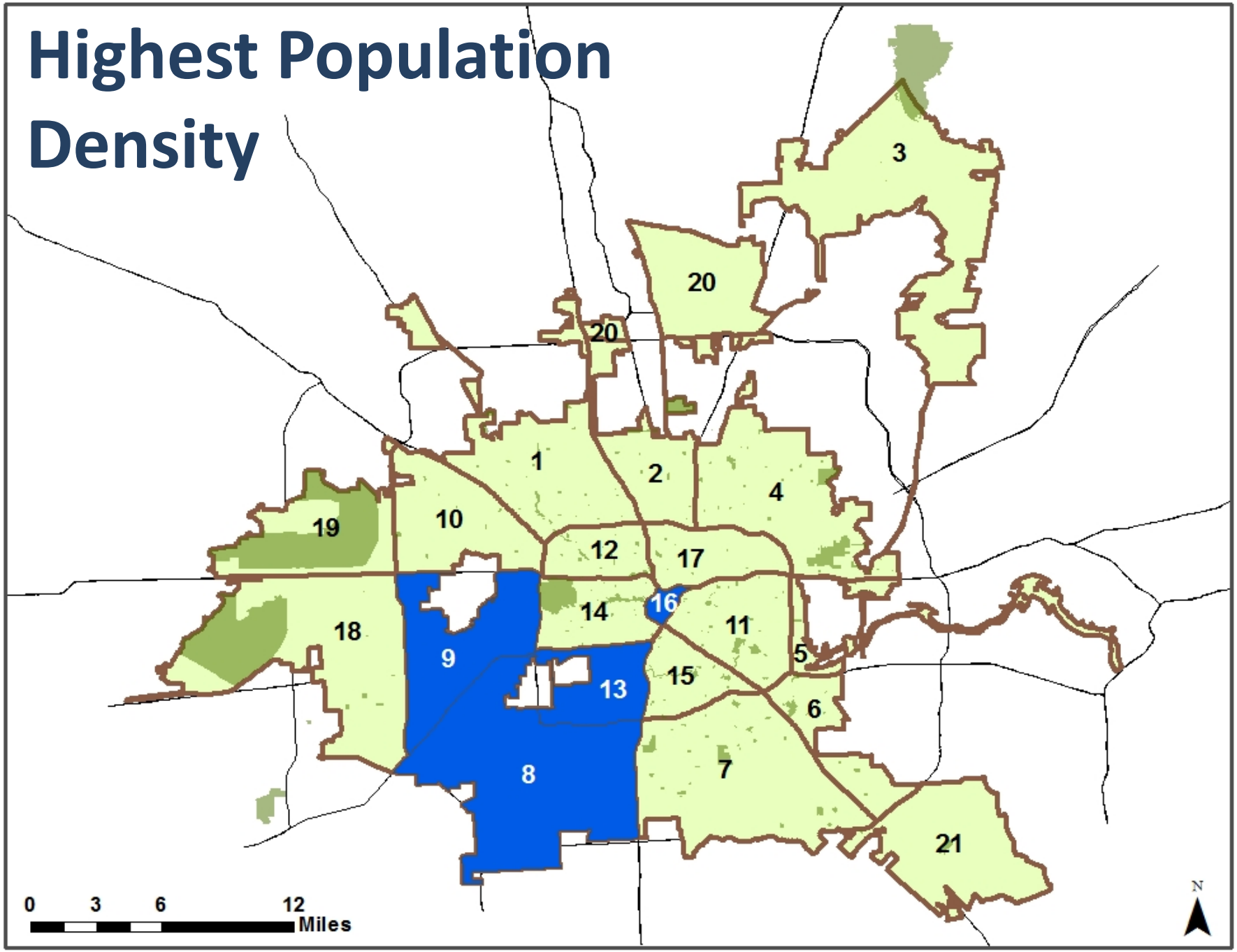
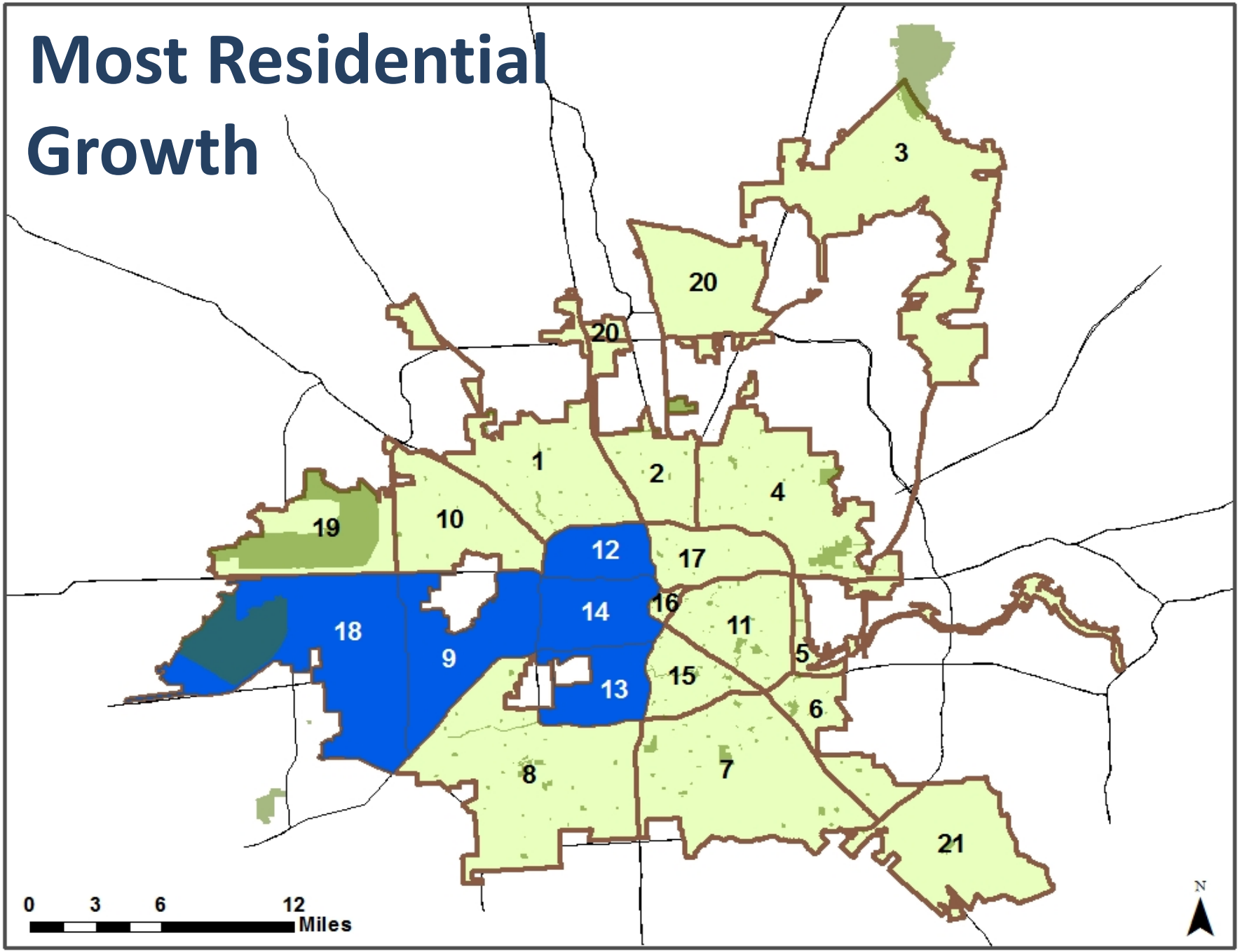
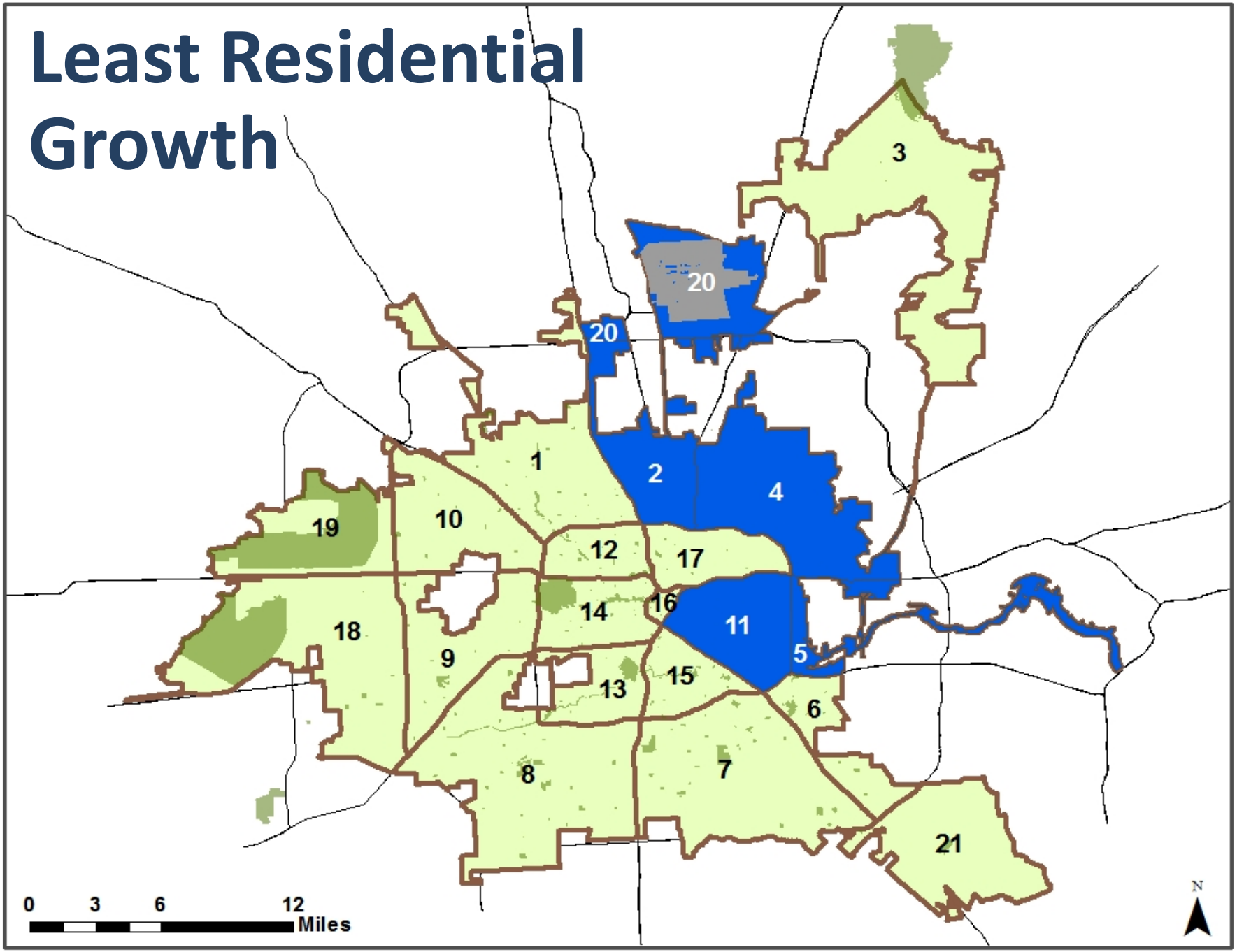
Highest Population Density



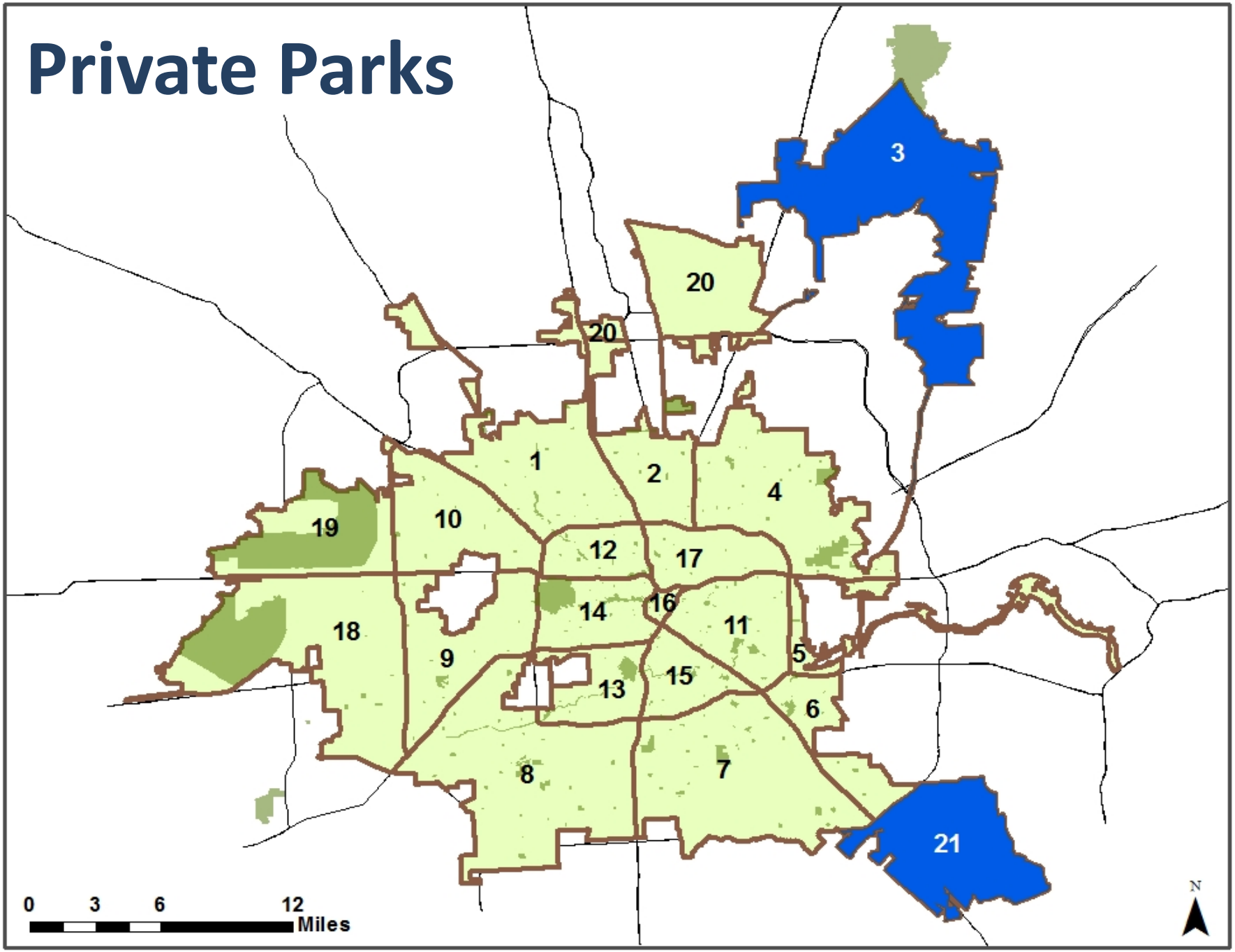
Most Residential Growth



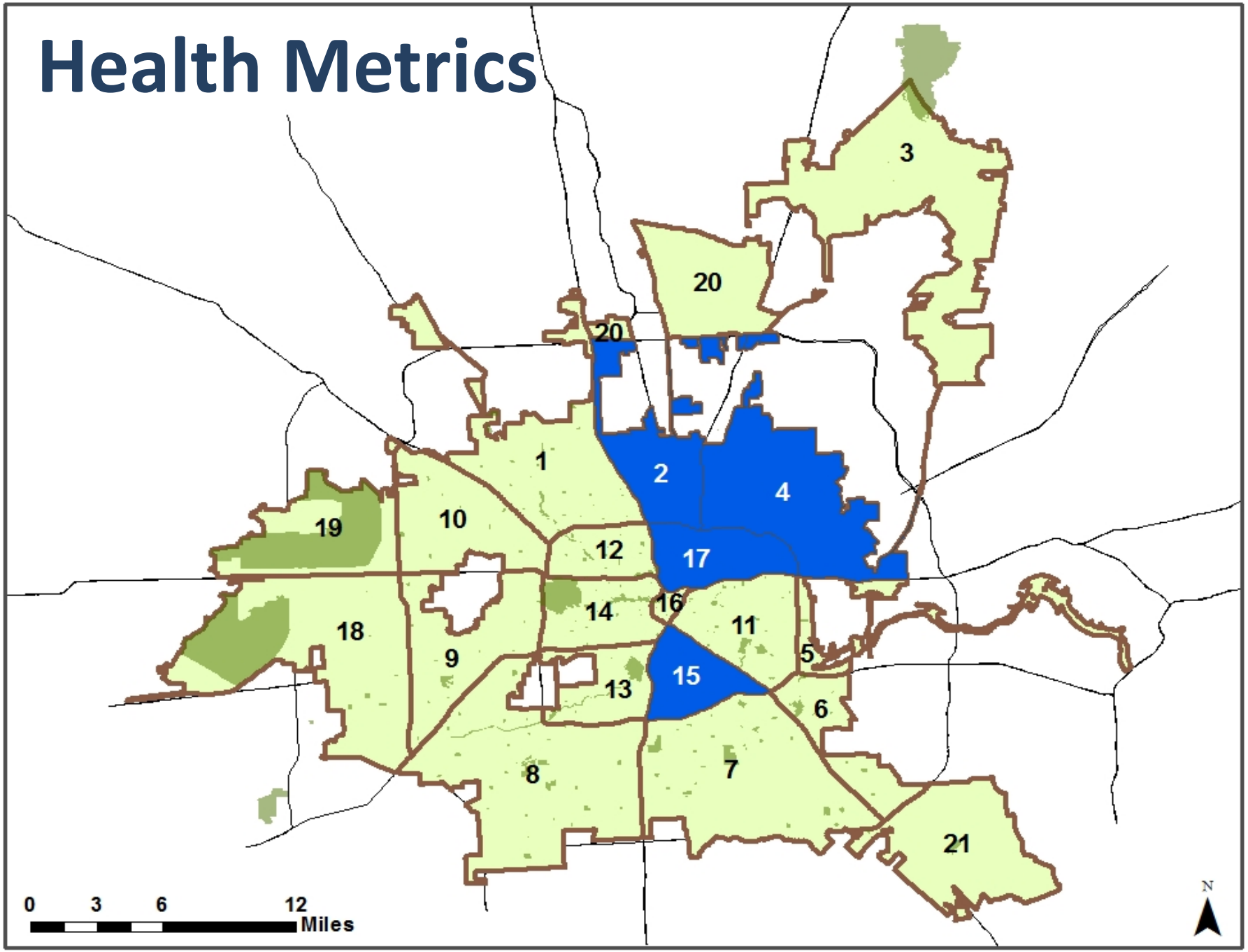
Least Residential Growth



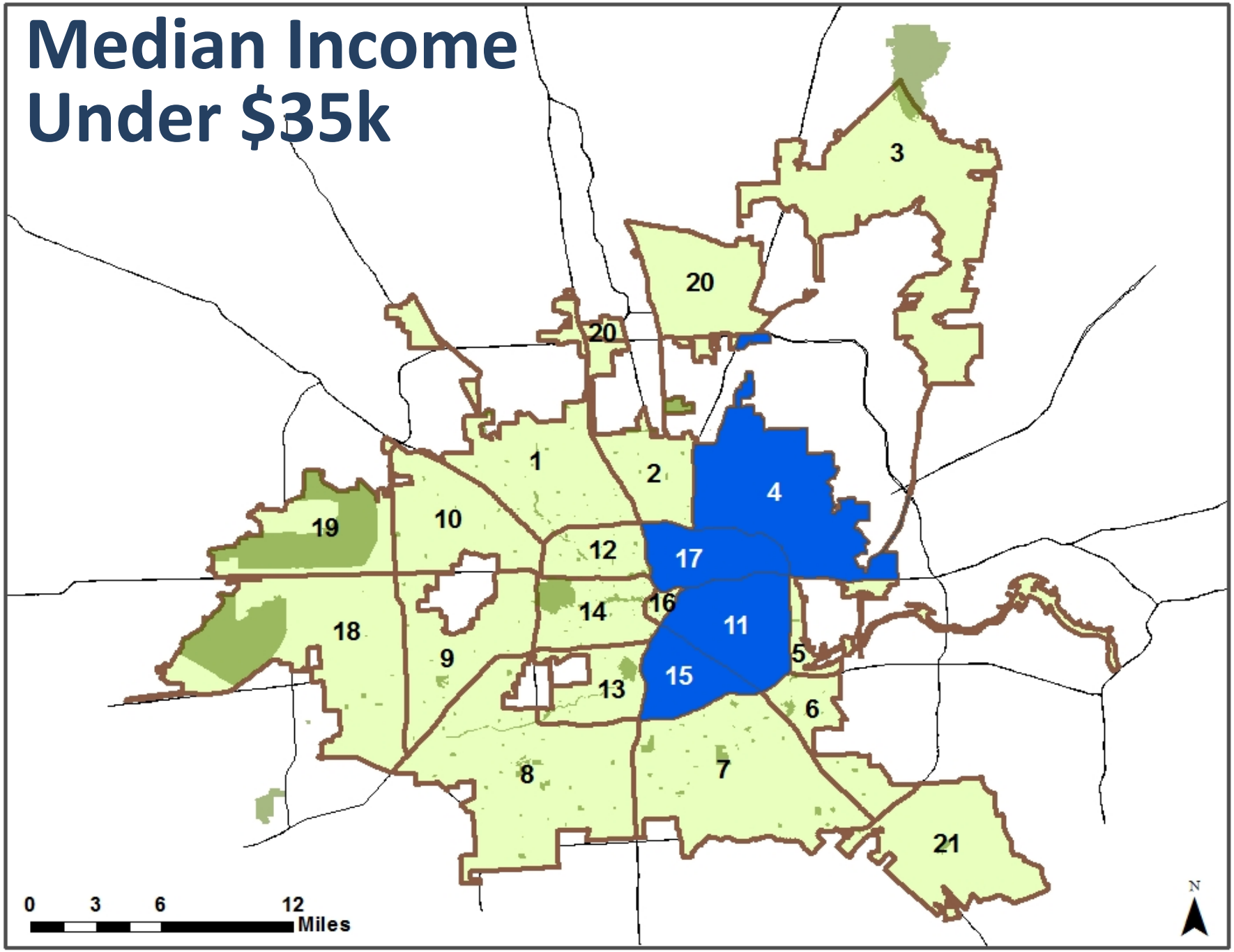
Private Parks



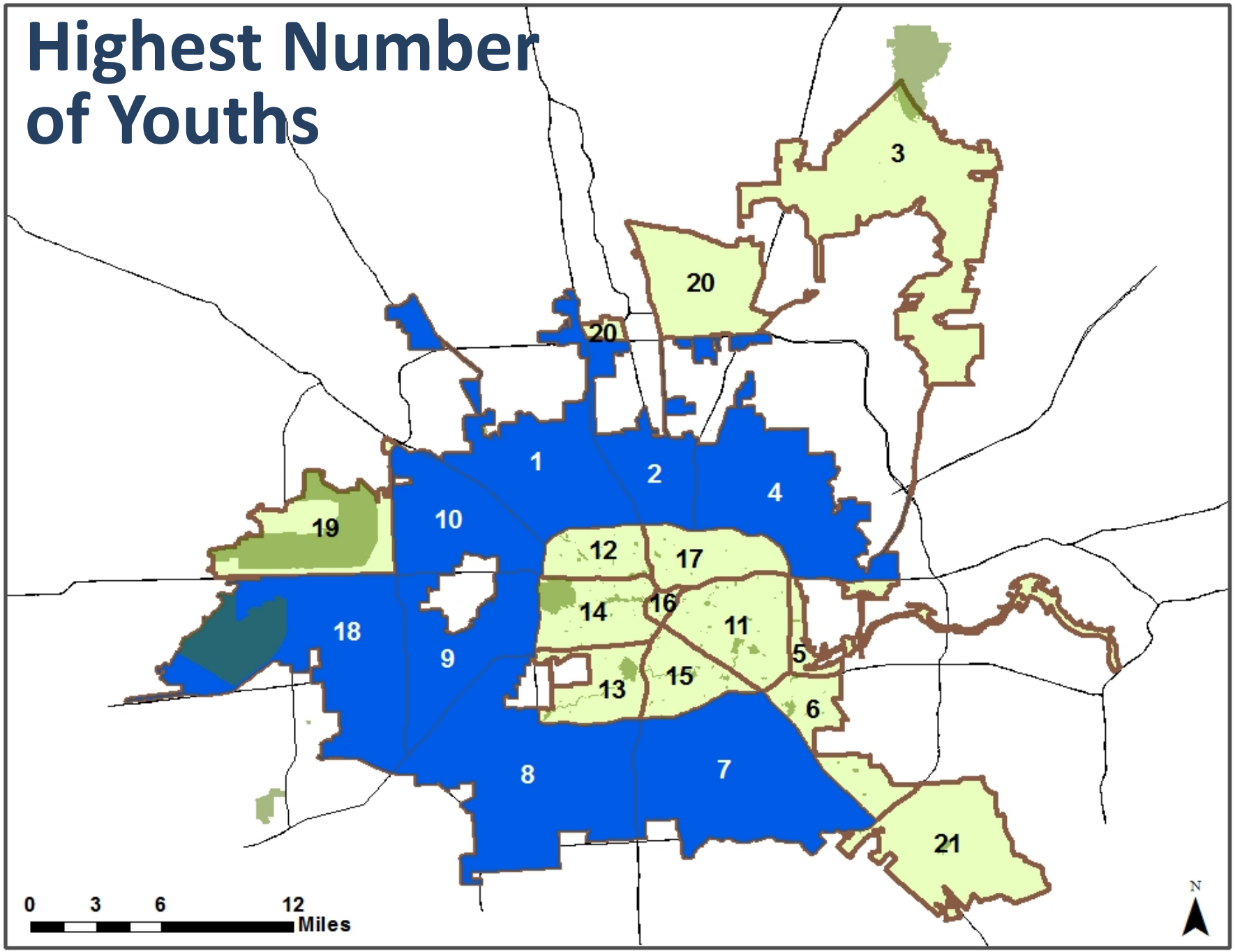
Health Metrics



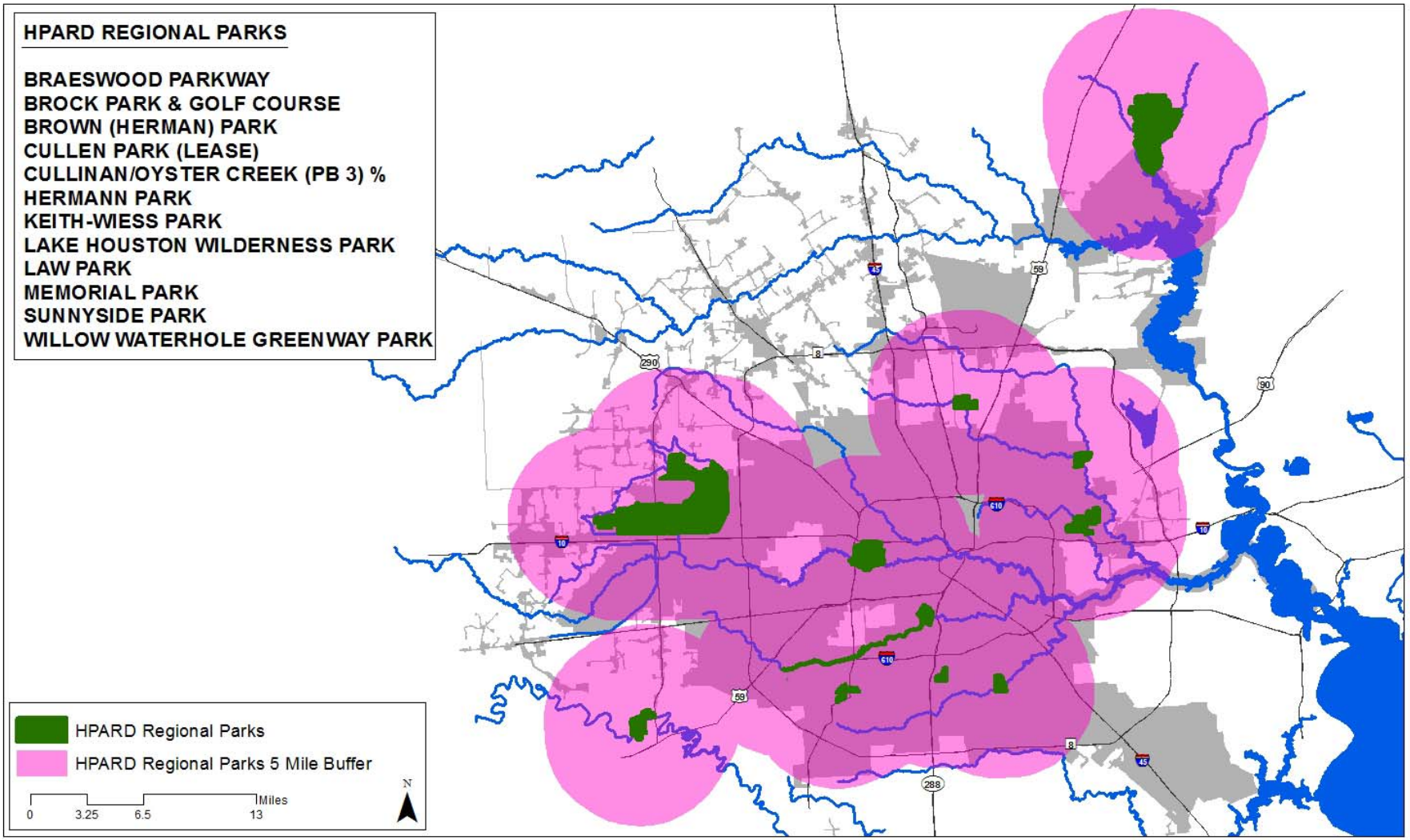
Median Income Under $35k



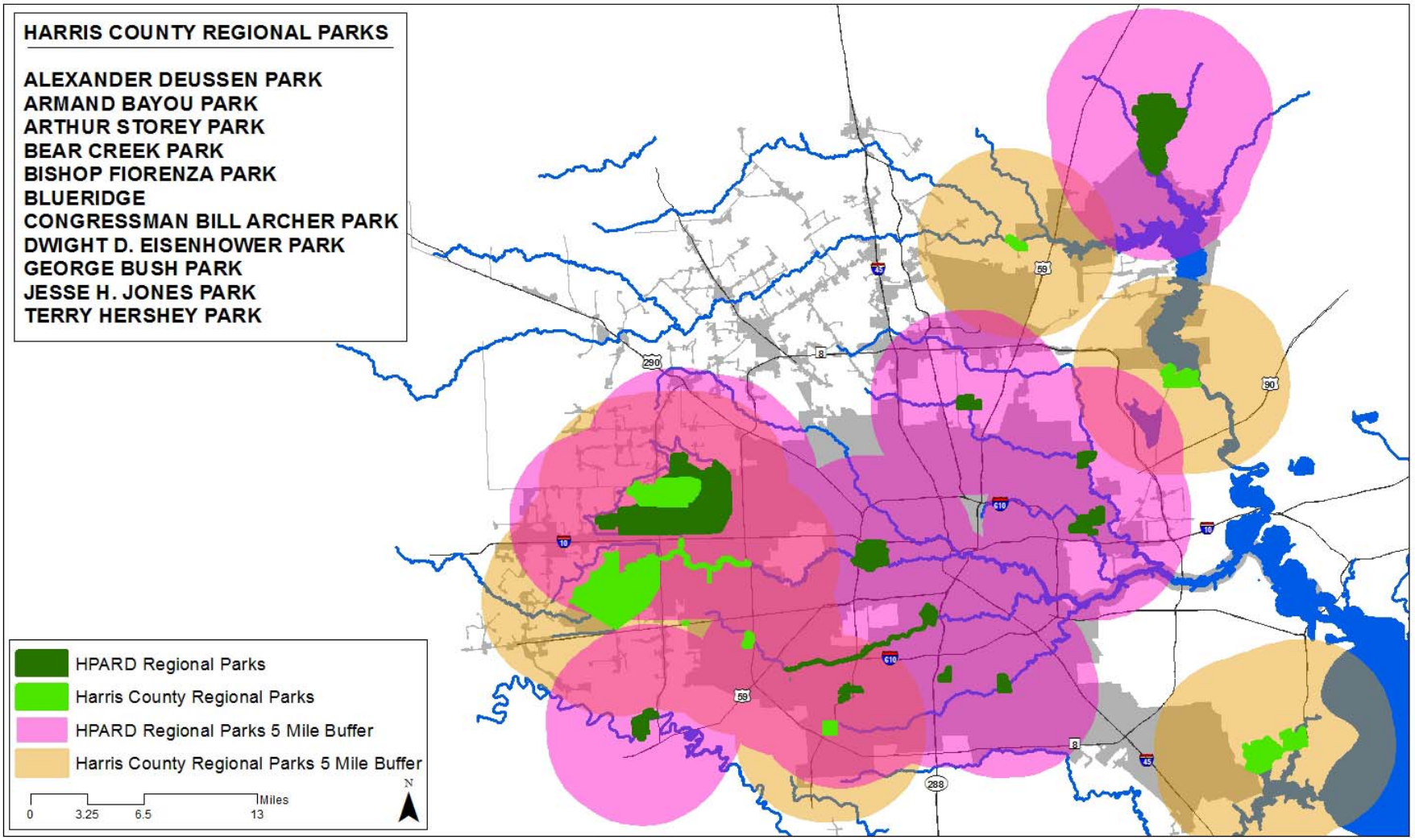
Highest Number of Youths



Land Acquisition Strategy

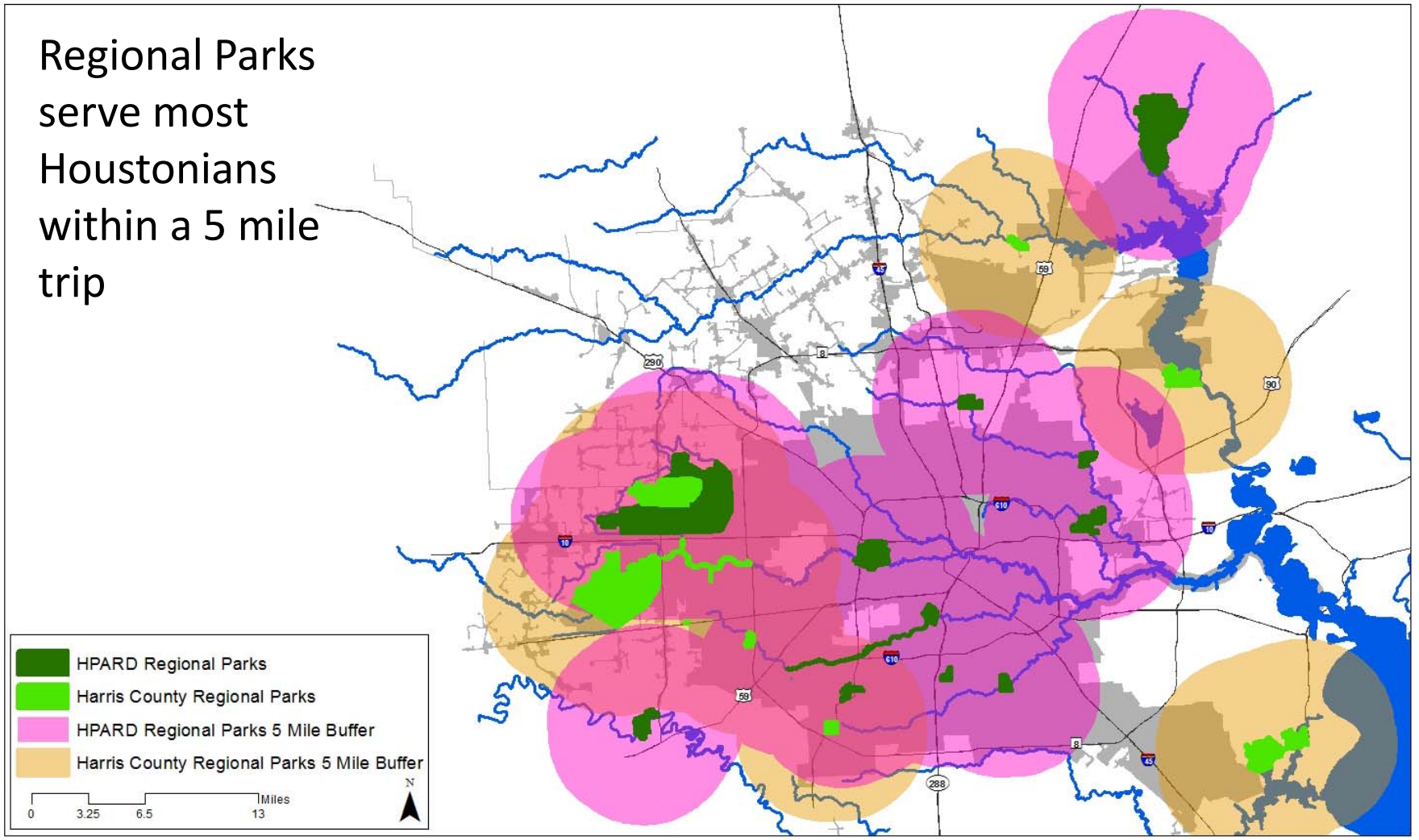


Land Acquisition Strategy

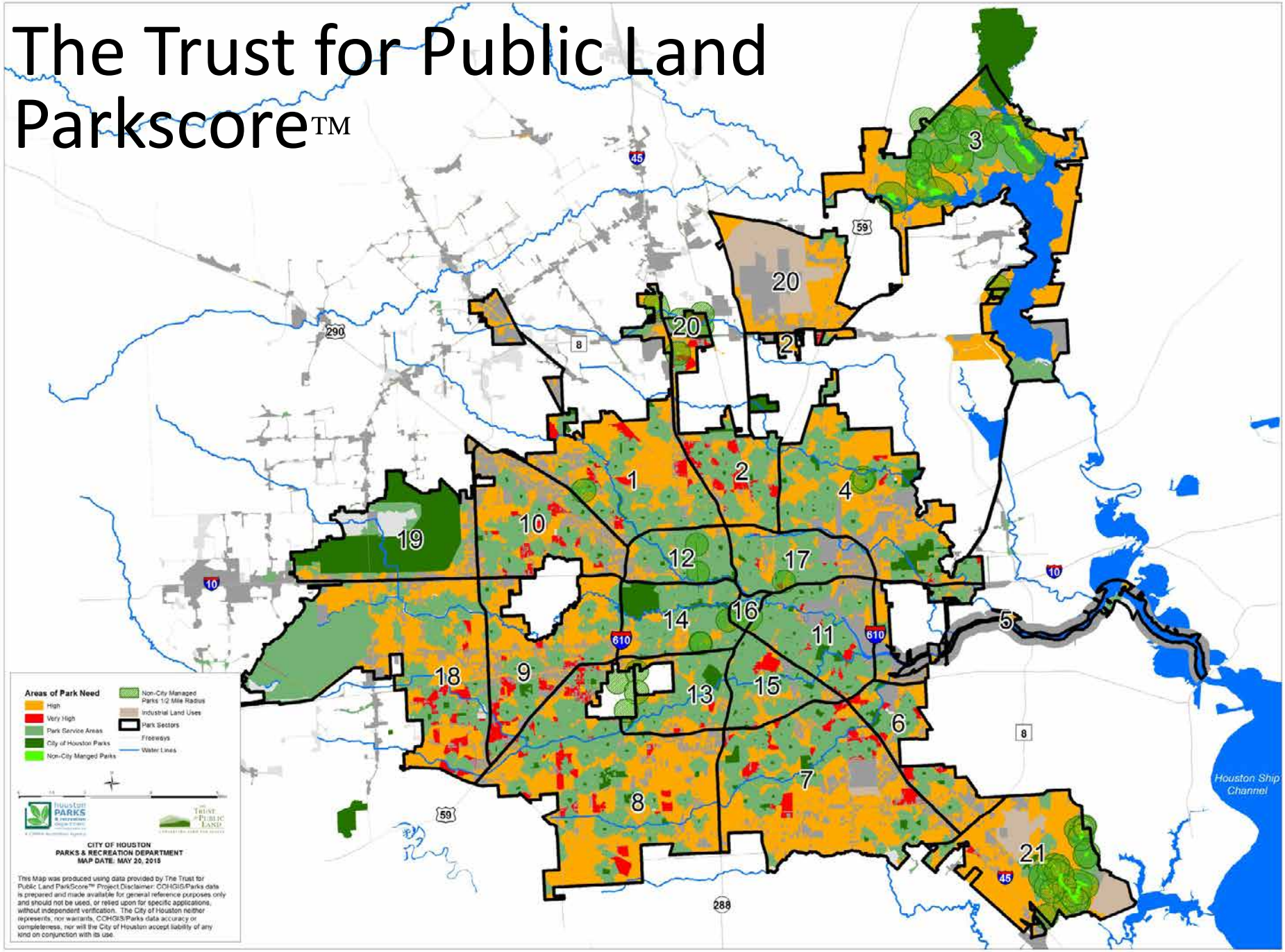


Land Acquisition Strategy

Regional Parks serve most Houstonians within a 5 mile trip



The Trust for Public Land Parkscore™



Park System
Estimated Costs to Meet
Today's Needs (in Millions)

	Amenity Renovation	New Park Land	New Amenities
2015	$295	$515	$560

Park System
Estimated Costs to Meet
2040's Population Growth (in Millions)

	Amenity Renovation	New Park Land	New Amenities
2015	$295	$515	$560
2040	$760	$1,285	$540

Park System
Estimated Costs to Meet
2040's Total Population (in Millions)

	Amenity Renovation	New Park Land	New Amenities
2015	$295	$515	$560
2040	$760	$1,285	$540
Total	$1,055	$1,800	$1,100

City of Houston Park User Surveys: 2014, 2015

Sally Hodges-Copple, Emily Jacobson, Lucy Matveeva, Tanvi Sharma, Robert M. Stein, Alan Steinberg, Kevin Smiley, Libby Vann

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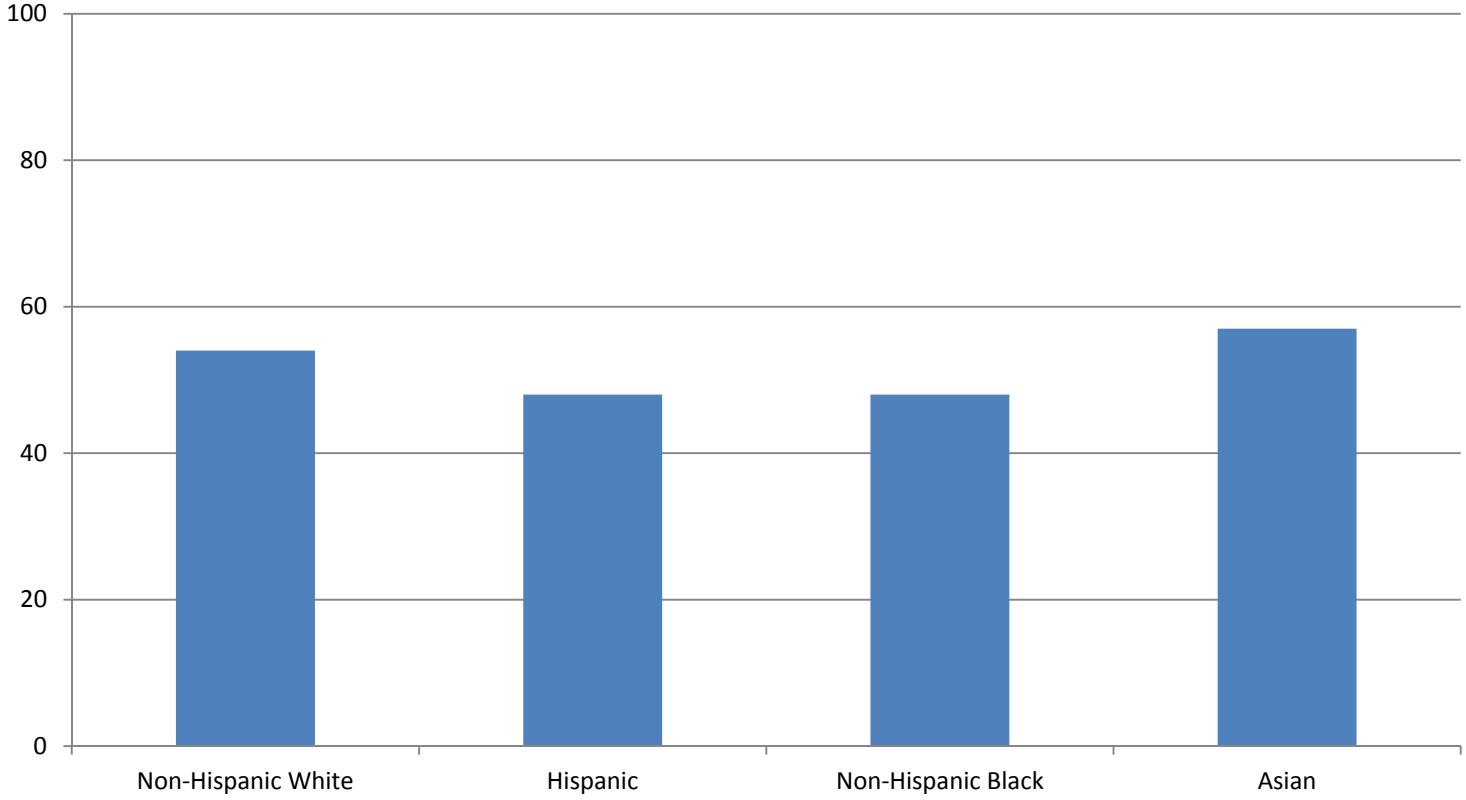
In Spring 2014, the Houston Parks and Recreation Department (HPARD) surveyed 1,824 park users about how they used their parks and what improvements they would most like to see implemented.

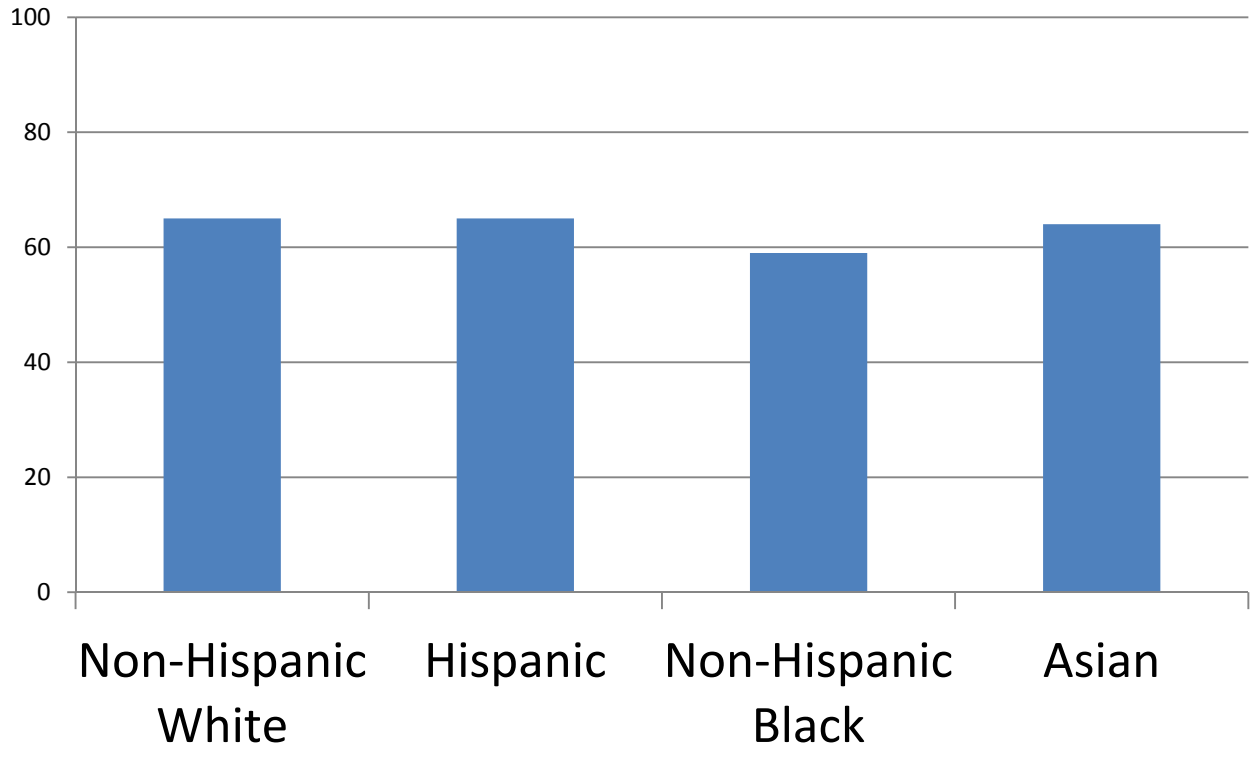
Most respondents reported using a park at least once a week.

% Weekly Park use by Race/Ethnicity

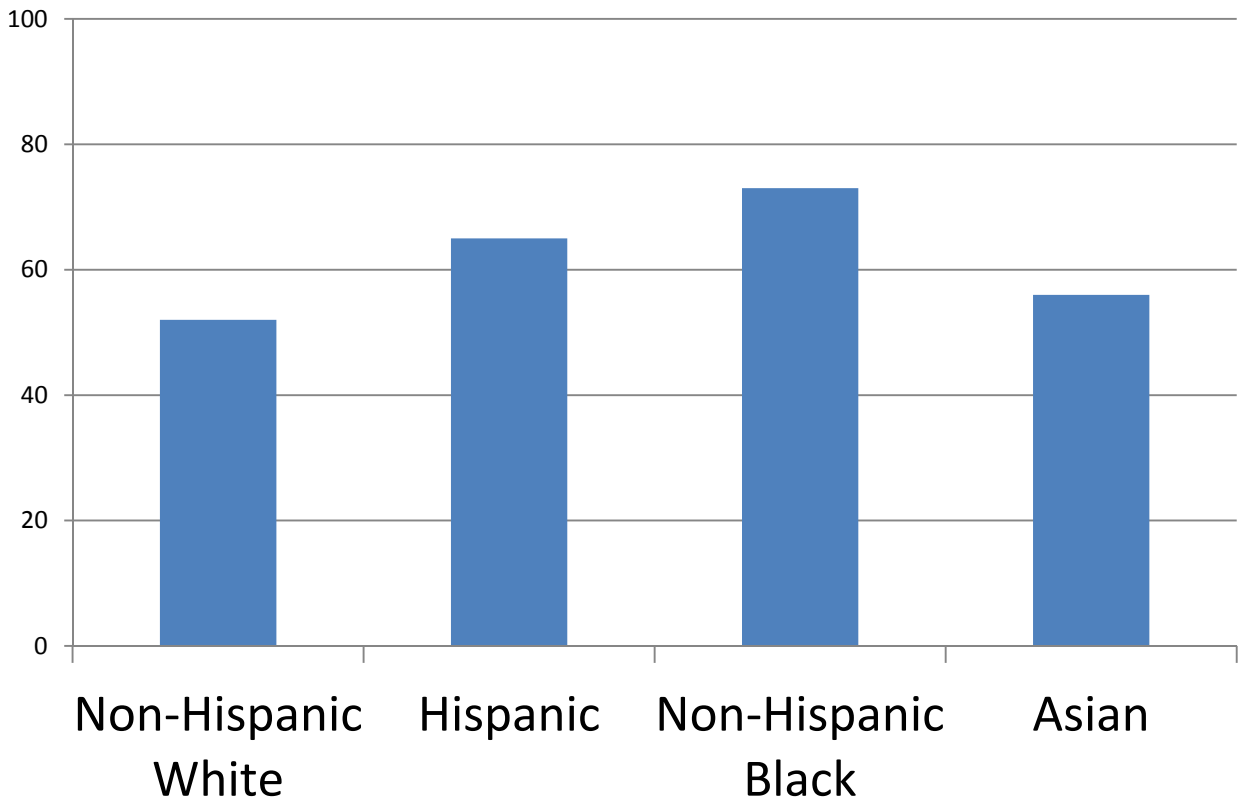


Users' preferences for new HPARD spending

Ranking connecting neighborhoods to hike, bike and walk trails as highest priority by race/ethnicity

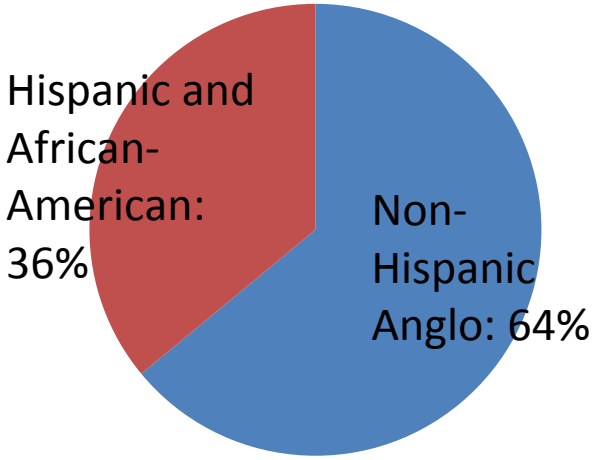


Ranking of revitalizing parks as highest priority by race/ethnicity

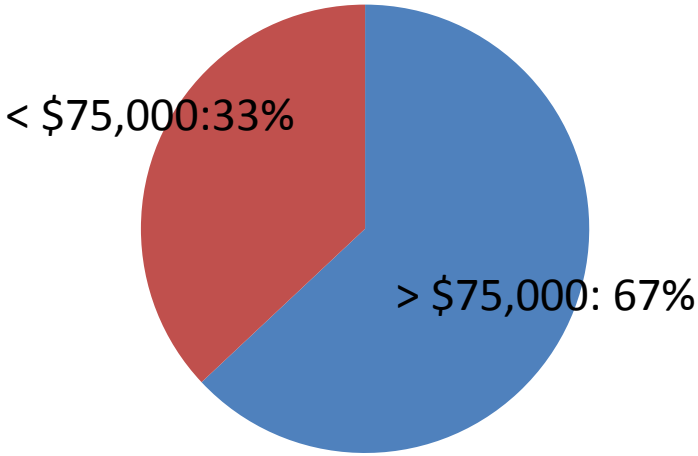


2014 survey sample not representative of Houston's population

Race and ethnicity



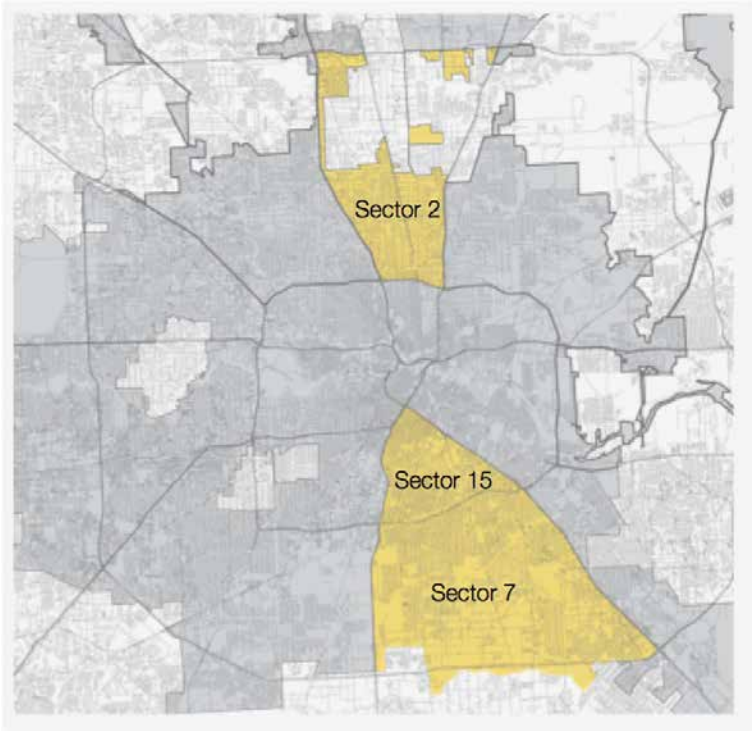
Family income

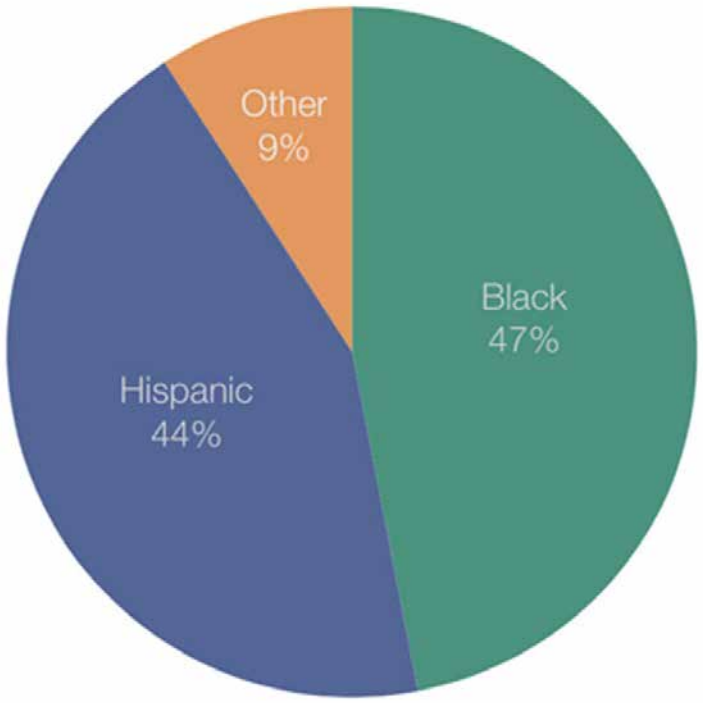


Spring 2015 survey of under-represented population

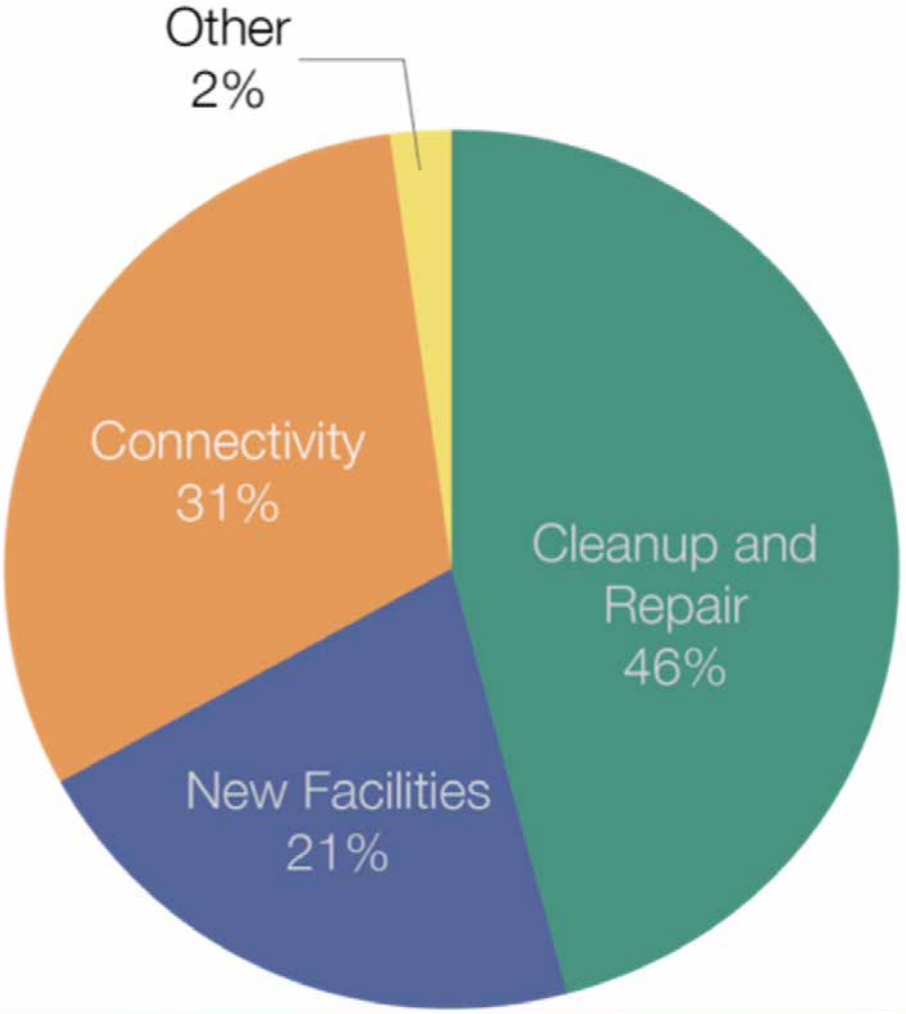
A Rice University *Houston Action Research Team* (*HART*) designed, conducted and analyzed responses from 403 face-to-face interviews with park users in areas under-surveyed in the 2014 HPARD survey.

Demographics and Locations of 2015 Survey

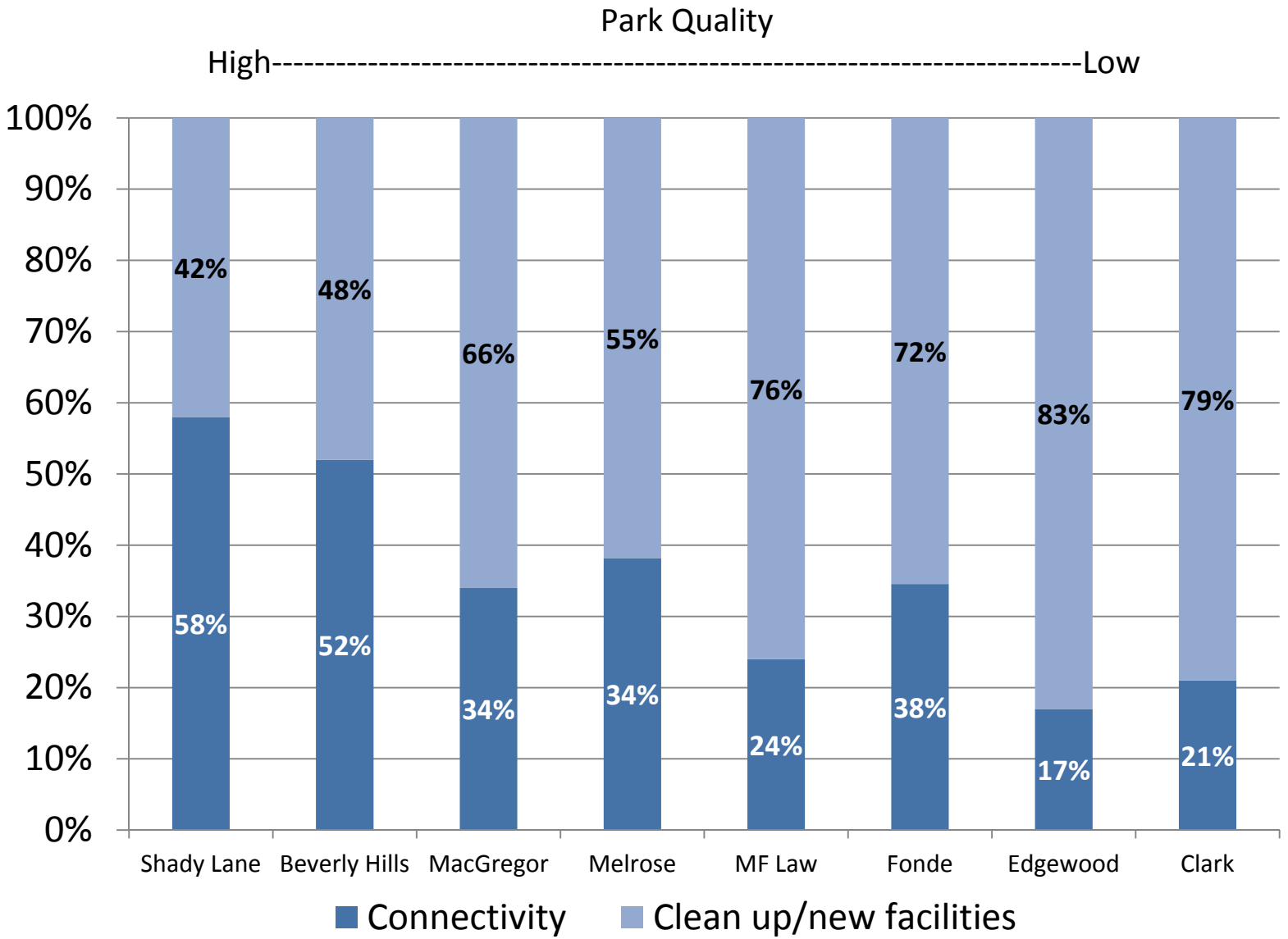




2015 Survey: Preferences for park improvement



2015 Survey: Improvement Priority by Park Quality



Park quality appears to influence users' interest in bike and pedestrian connectivity

- Comparison of surveys suggests that users of higher quality parks are more likely to express strong interest in HPARD investment in bike and pedestrian connectivity between parks and neighborhoods.

- The 2015 survey suggests that there may be a park quality "threshold" that must be met before users will show preference for bike and pedestrian connectivity.

- Additional research is needed to confirm this "threshold" explanation.

Moving Forward

- Contract for the Park Quality Threshold study
- Turn the map green
- Accomplish through all avenues
    - Bayou Greenway 2020 Completion
    - Trail extension to existing parks
    - Trail extension on utility corridors
    - New SPARK Parks
    - Land acquisition in high need areas using TPL ParkScore tool

Moving Forward

- Smart spending of Open Space Ordinance funds
- Leveraging future bond funds for land acquisition in underserved Park Sectors with no Open Space funding
- Partnership for land acquisition with community groups, TIRZs, City Departments, TPWD, County Commissioners, HCFCD, Non-Profits, Corporations and Foundations
- Goal is equitable distribution of park space in our city for our communities

Next Steps for Public Input

- Send comments to the e-mail on the agenda by July 31st; the full DRAFT document and Park Sector Summaries are available on the website
- Submitted the document to TPWD for review
- Visit with Council Members for review
- Present the proposed Parks Master Plan to the Quality of Life Committee in August 2015
- Submit to City Council for adoption of the plan in September 2015

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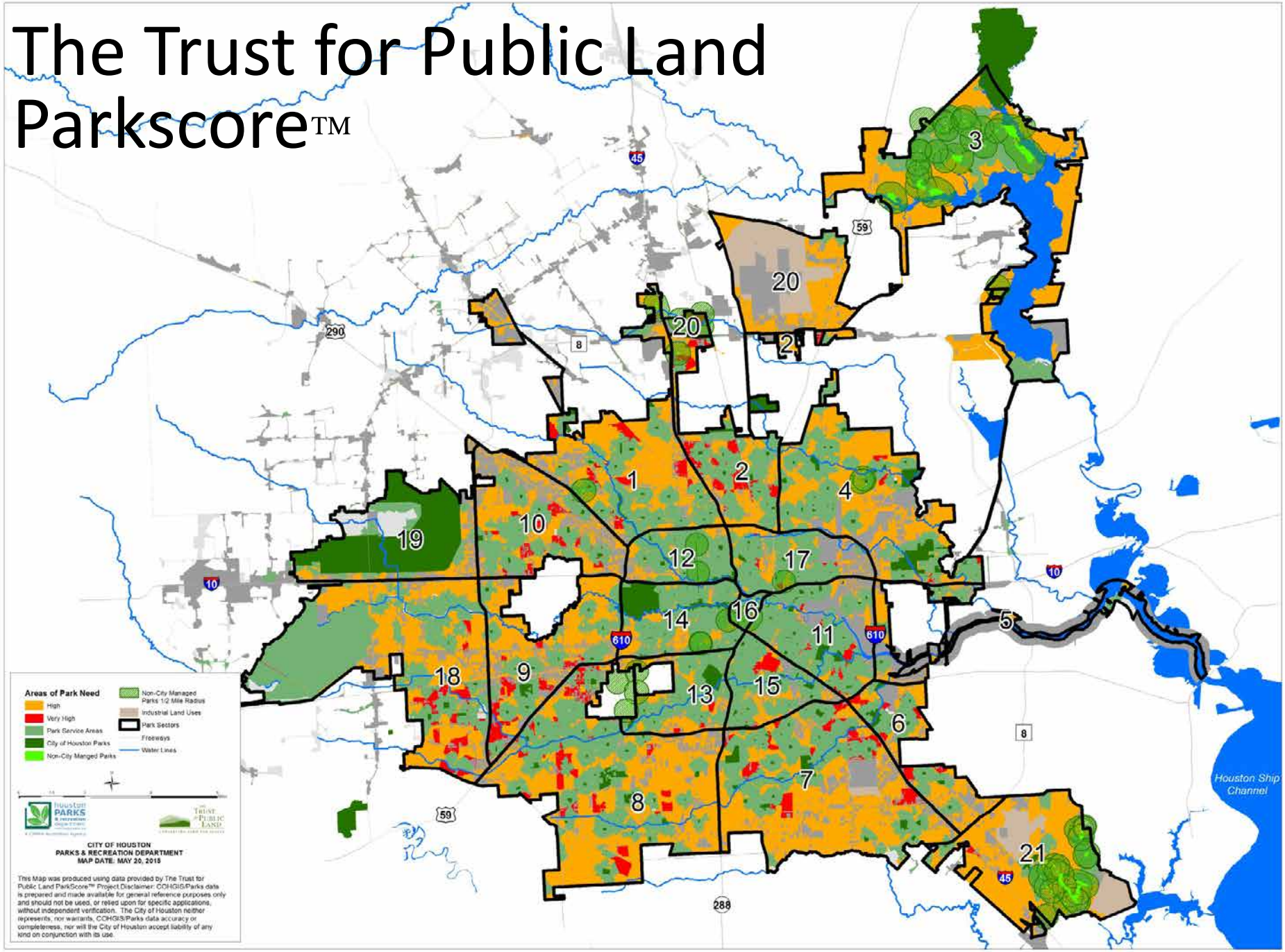
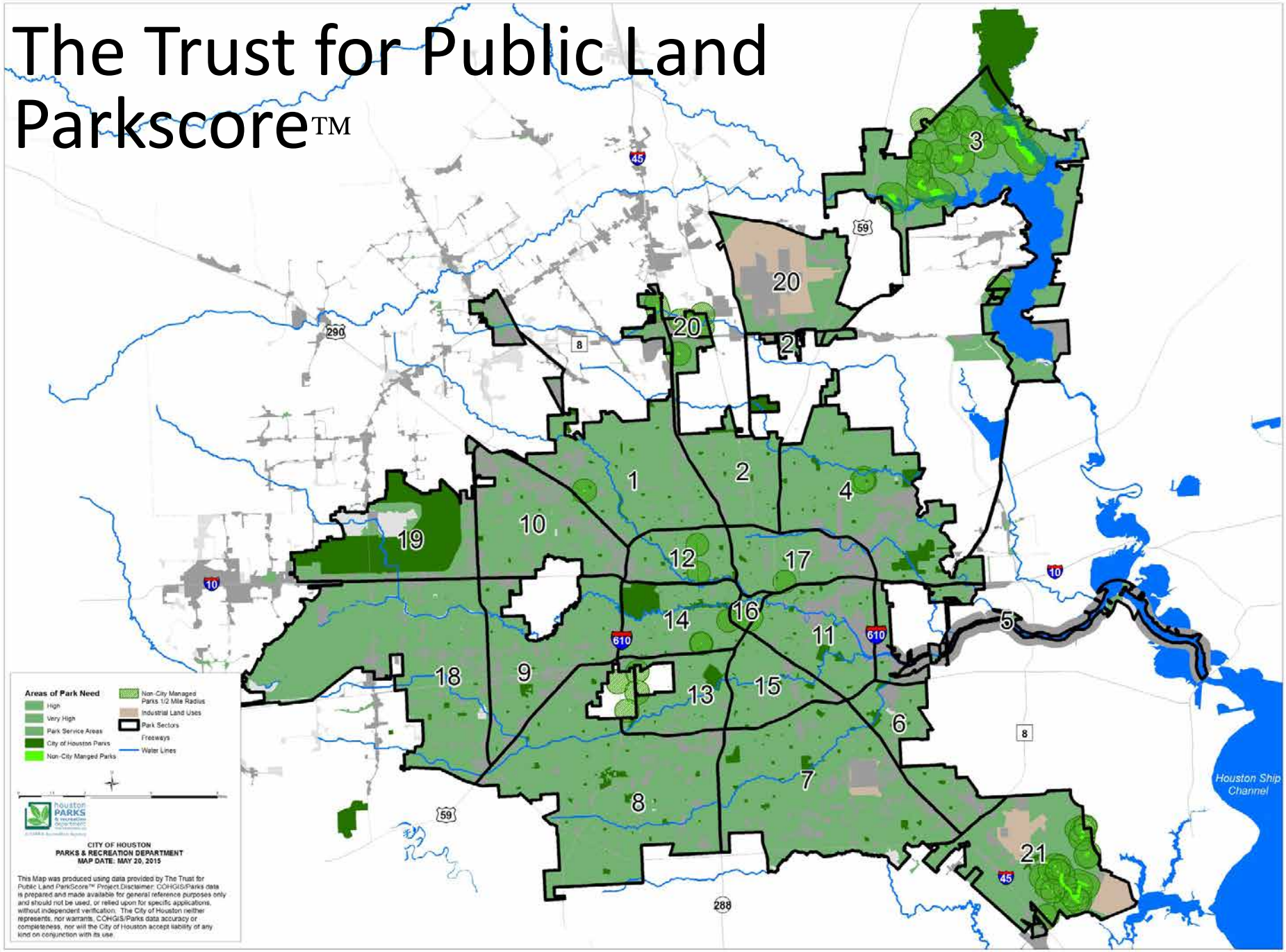


The Trust for Public Land Parkscore™



Mayor Annise Parker

houston PARKS & recreation department
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Contact us at:

parksmasterplan@houstontx.gov

http://www.houstontx.gov/parks/master-plan

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