

ECONOMIC AND DEMOGRAPHIC PROFILE GREATER WEST HOUSTON ★ 2019

★
WEST HOUSTON
ASSOCIATION
40 Years of Quality Growth

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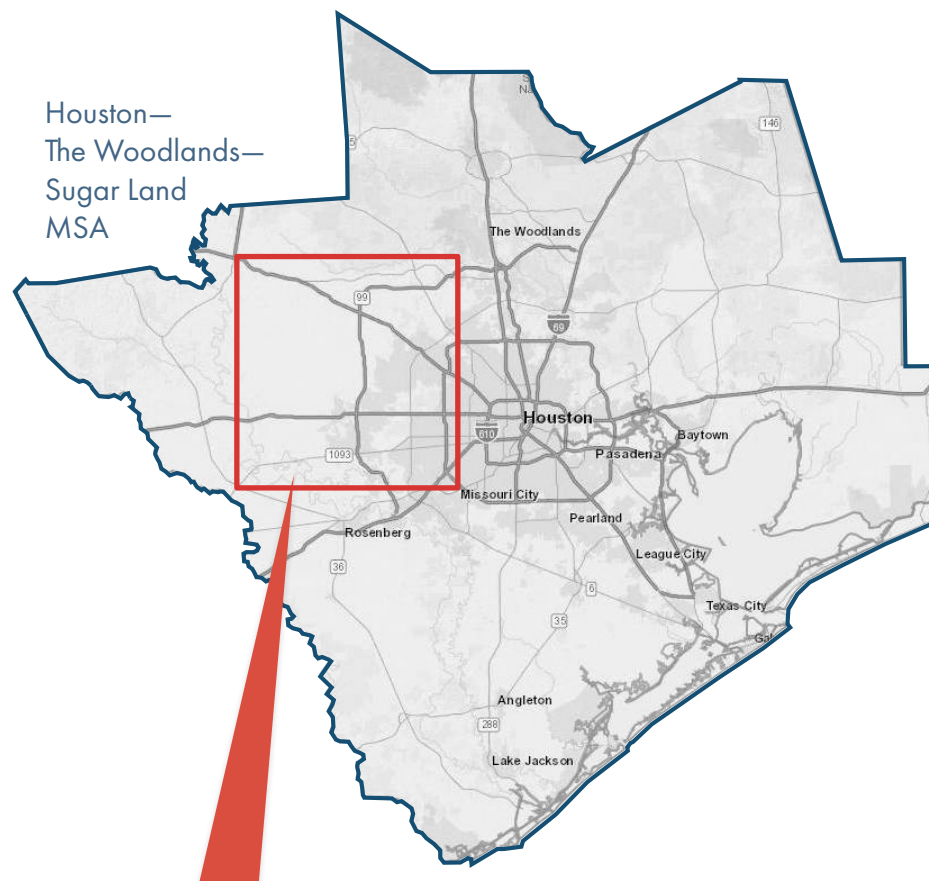
- 40 Forty Years of Quality Growth ... In Two Directions-

As the West Houston Association reaches its 40th anniversary, Greater West Houston appears to be near its peak of the region's population in 2020 at 26.2% of the regional total. This Greater West Houston Demographic and Economic Profile looks back and projects forward on details related to population and job growth in Greater West Houston. Mathematician George Box said, "All models are wrong; some are useful." Previous versions of this report have been useful but generally under-anticipating growth. This model may overestimate growth.

Compared to the rest of the country and region, Great West Houston has developed quickly. It is home to more than ten times as many people and more than 30 times as many jobs than it was 50 years ago. In 1970, Greater West Houston consisted mainly of rice farms, ranches, and rural towns with fewer than 180,000 residents and 18,000 jobs. By 1990 it had grown to over 700,000 residents and 242,000 jobs. Today, Greater West Houston is home to approximately 1,800,000 people and the location of over 560,000 jobs.

While growth is not certain, it is very likely. For instance, changes to the price of oil and recent flood events affected both populations and jobs. Steady, sustainable growth is likely as the region's economy diversifies and continues to grow and attract one of the most diverse populations in the United States. By 2060, we project Greater West Houston's population will grow to 3.2 million and its jobs will top 1.2 million—both figures representing approximately a quarter of the region's totals. WHA's model incorporates population and job trends that blend several respected models to produce conservative but realistic outcomes.

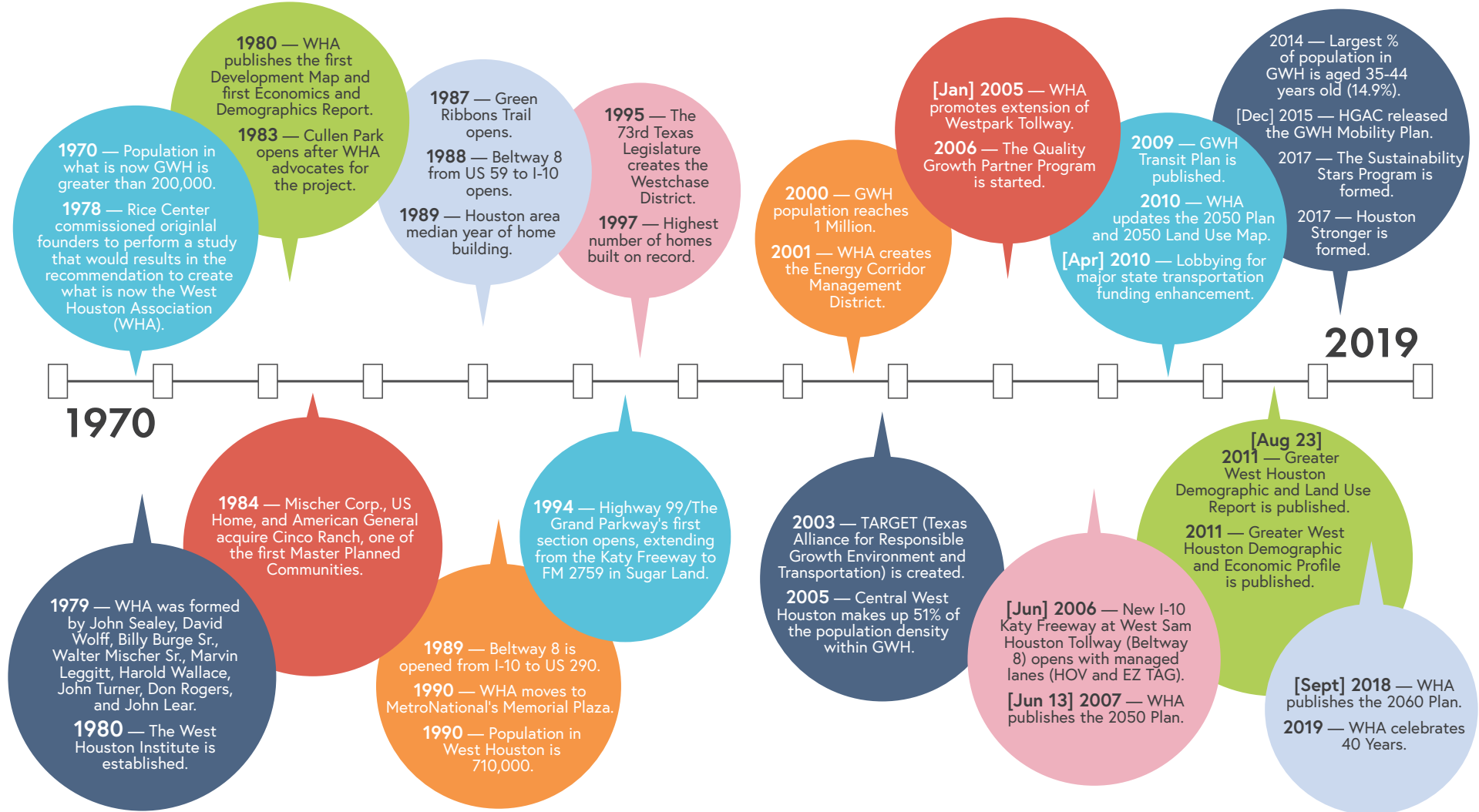
Greater West Houston's growth owes much to innovations in special districts and master-planned communities, which leveraged private dollars to build quality public infrastructure and a variety of housing. Over the last 40 years, private and public actors have changed the trajectory of Greater West Houston's growth in the past in ways that these models do not anticipate. Limits on developable land and public infrastructure are tempering growth. Some eastern portions of Greater West Houston are redeveloping as property values and demand for different products are at rise. The region will need massive infrastructure investments for mobility, resilience, education, and open space to maintain its desirability and the health of its public and private institutions.



Greater West Houston (GWH) is a 1,000 square mile area covering western Harris County, northern Fort Bend County, and eastern Waller County. Its southeast corner is in Missouri City, Texas and its northwest corner in Hempstead, Texas.

The West Houston Association looks forward to partnering with private and public actors seeking quality, sustainable growth that works to make life for all its residents better. For more information, please visit www.westhouston.org and www.westhouston2060.org.

-Forty Years of Greater West Houston-



-Introduction-

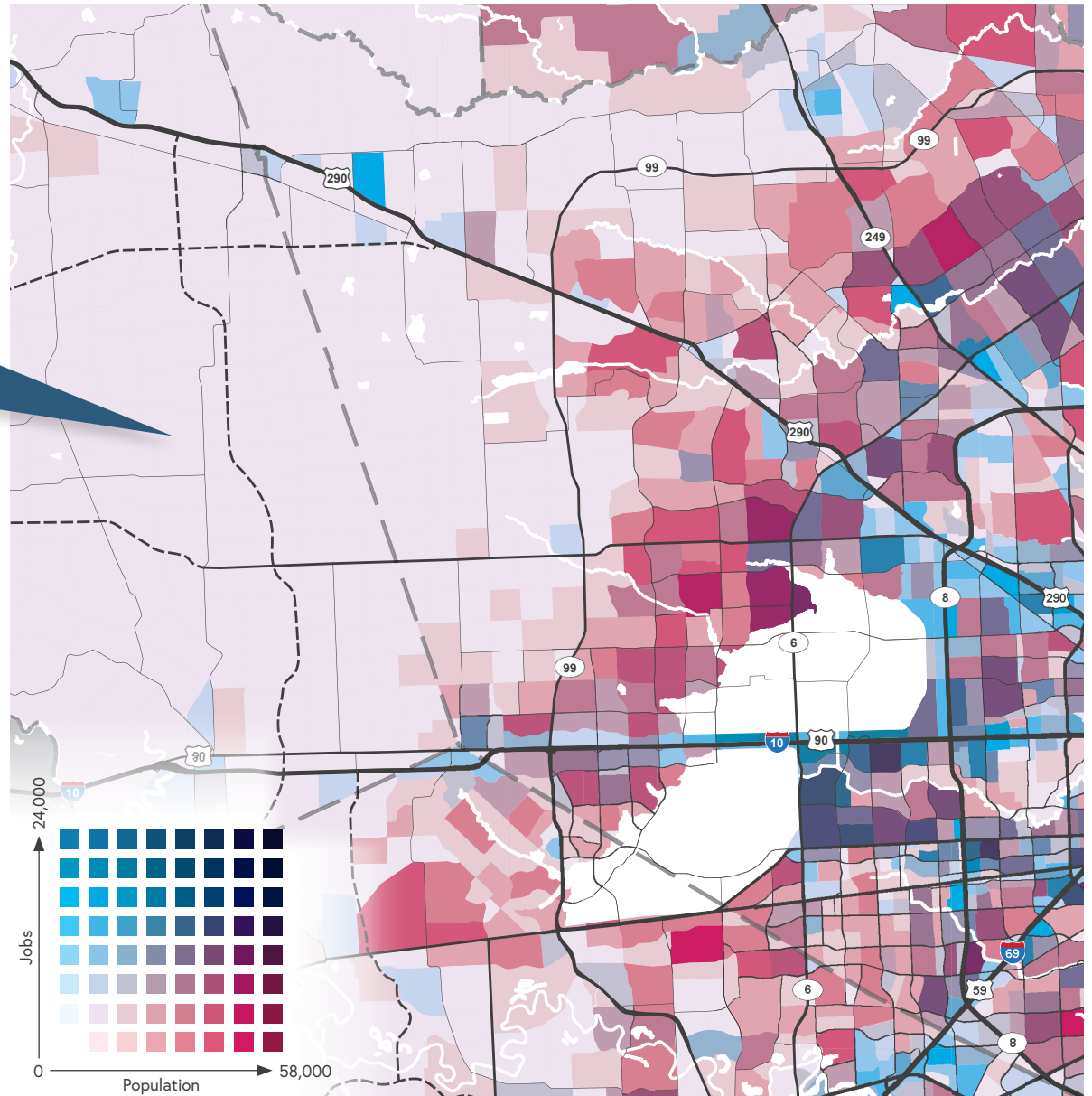
This Economic and Demographic Profile is designed to provide Greater West Houston data for use by the West Houston Association and others seeking to develop and work here.

1,000 SQUARE MILES
3 COUNTIES AND 19 CITIES
590,000 HOUSEHOLDS
540,000 JOBS
1.75 MILLION PEOPLE
3.26 MILLION PEOPLE by 2060

Overall Growth Summary for GWH

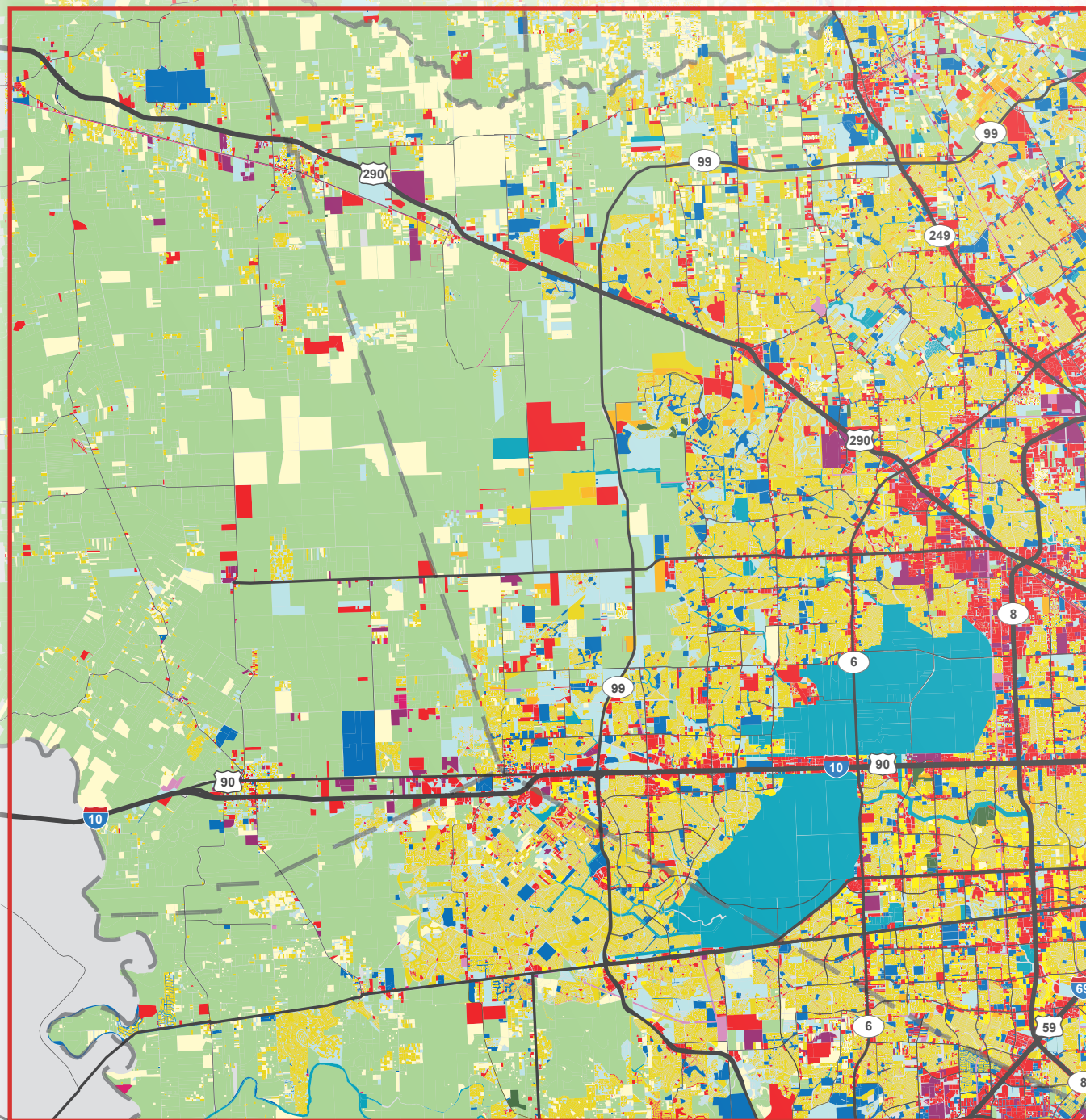
	Population	Households	Jobs
1990	709,160	262,312	242,626
2000	994,296	356,579	318,378
2010	1,470,456	508,516	450,288
2015	1,714,435	589,862	538,314
2020	1,809,630	627,423	566,843
2025	1,981,613	692,162	626,918
2030	2,155,584	757,995	692,796
2035	2,329,936	824,493	761,463
2040	2,523,515	898,963	831,432
2045	2,632,117	941,112	881,365
2050	2,892,286	1,044,455	1,018,258
2055	3,080,689	1,117,846	1,103,445
2060	3,260,149	1,188,682	1,195,606

2020 Population and Jobs by Traffic Analysis Zones (refer to page 12 for further discussion)



GWH Existing Land Use

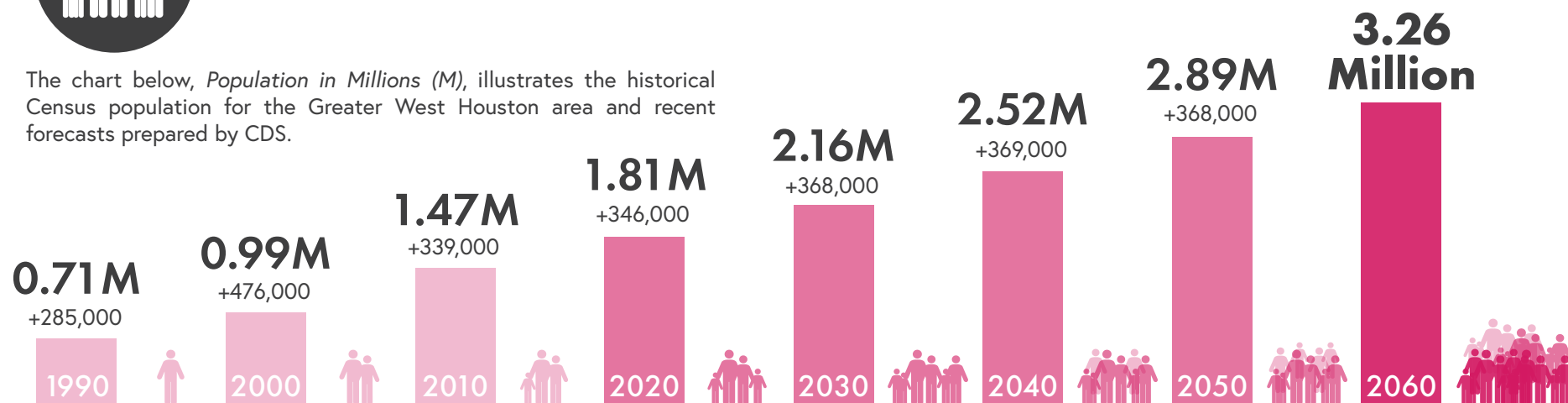
- Undeveloped
- Farm and Ranchland
- Riparian Corridors/Reservoirs
- Rural Residential
- Suburban Residential
- Urban Residential
- Mixed-Use
- Developed Park Land
- Utilities
- Commercial
- Light Industry
- Heavy Industry
- Public/Institutional;





- Population -

The chart below, *Population in Millions (M)*, illustrates the historical Census population for the Greater West Houston area and recent forecasts prepared by CDS.



Population Trends in Greater West Houston

Source: U.S. Bureau of the Census for 1990, 2000, and 2010. CDS for Forecasts

Comparisons of GWH and Houston Metro Area

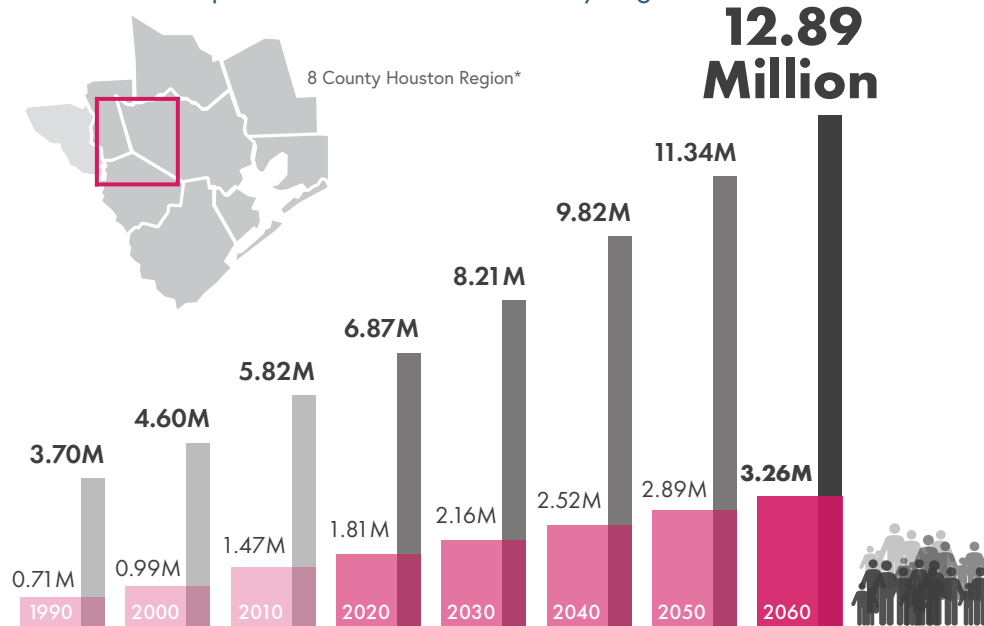
The population of Greater West Houston has increased its share of the total population of the 8-County Houston Region*.

In 1990, Greater West Houston comprised 19.2% of the region's population. By 2000, the area's share of the region increased to 21.6% and by 2010 to 25.3%. The forecasts produced by CDS increase the share that Greater West Houston maintains of the Houston region to 26.3% in 2020 and then a gradual but slight decrease into the 25% range through 2060 as many Greater West Houston areas are built out.

While it is expected that the population and density of Greater West Houston will continue to increase into 2060 and beyond, Greater West Houston's share of the region's population is expected to remain fairly stable as comparable increases in population are expected elsewhere in the region, both in areas with more developable land and areas that will experience high-density redevelopment.

*The 8-County Houston region includes Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery and Waller Counties and is the planning region for regional transportation programs.

GWH as compared to the Houston 8-County Region



Source: U.S. Bureau of the Census for 1990, 2000, and 2010. CDS for Forecasts

Race and Ethnicity

In the decade of the 2000's, Greater West Houston gained substantial population in all racial and ethnic groups. This growth has continued since the 2010 Census was taken as illustrated in the following exhibits. Total population in 2018 saw an increase of nearly 350,000 to 1,732,257, a 23.5% increase over the 2010 Census. All ethnic groups have experienced growth in the Greater West Houston area from 2010 to 2018. No group experienced a greater amount of growth than the Hispanic or Latino population, which has increased 29.4% over 2010 and accounts 39.1% of the estimated population growth since the last

Census. All populations saw rates of growth greater than 9%. The four major ethnic groups in Greater West Houston have all added more than 50,000 residents apiece to the area between 2010 and 2018 and all continue to constitute at least 13% of the diverse population. The diversity index of Greater West Houston, the chance that any two people chosen at random will be of a different ethnicity, increased from 64.5% in 2000 to 70.7% in 2010 and further to 72.4% in 2018. The diversity index for population growth between 2010 and 2018 alone was 73.5%

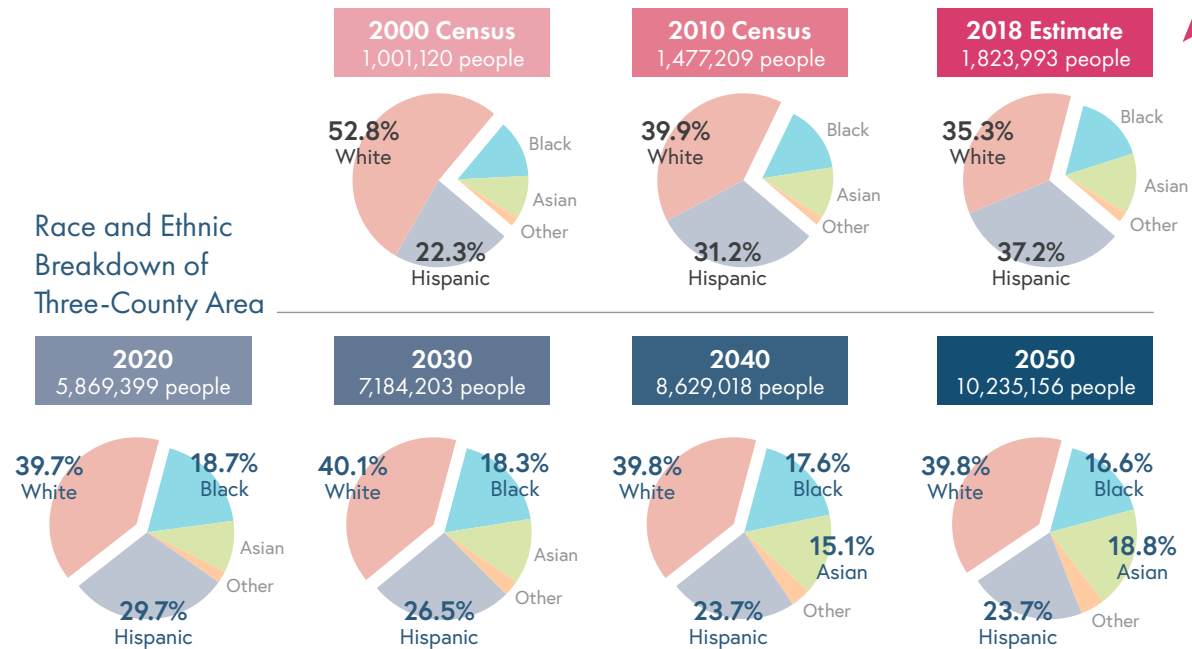
Race and Ethnic Breakdown of GWH

	2010-2018		2000 Census		2010 Census		2018 Estimate	
	Change	%-Change	Count	Share	Count	Share	Count	Share
White, not Hispanic	53,435	9.1%	528,429	52.8%	589,783	39.9%	643,218	35.3%
Hispanic or Latino	135,587	29.4%	222,932	22.3%	461,049	31.2%	596,636	32.7%
Black, not Hispanic	66,696	29.5%	130,686	13.1%	225,756	15.3%	292,452	16.0%
Asian, not Hispanic	77,362	45.6%	97,123	9.7%	169,832	11.5%	247,194	13.6%
Other	13,704	44.5%	21,951	2.2%	30,789	2.0%	44,493	2.4%

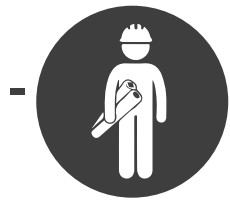
Three-County Area 2020–2050 Projections

The Texas State Data Center (TSDC) projects population yearly out to 2050 as part of their Texas Population Projections Program. The TSDC also forecasts age, sex, and ethnicity. Forecasts are only available at the state and county-level. The projections for the combined totals of the three counties that Greater West Houston is located within—Harris, Fort Bend, and Waller—are examined in the pie charts bottom right. These figures are from the TSDCs most recent projection, which is based on recent past trends in migration and natural increase. The TSDC projections see every ethnicity growing in total number from 2020 to 2050, but only Asian and Other increasing as a share of the total population. Both of these groups roughly double their share of the population in the three-county area.

Race and Ethnic Breakdown of Three-County Area

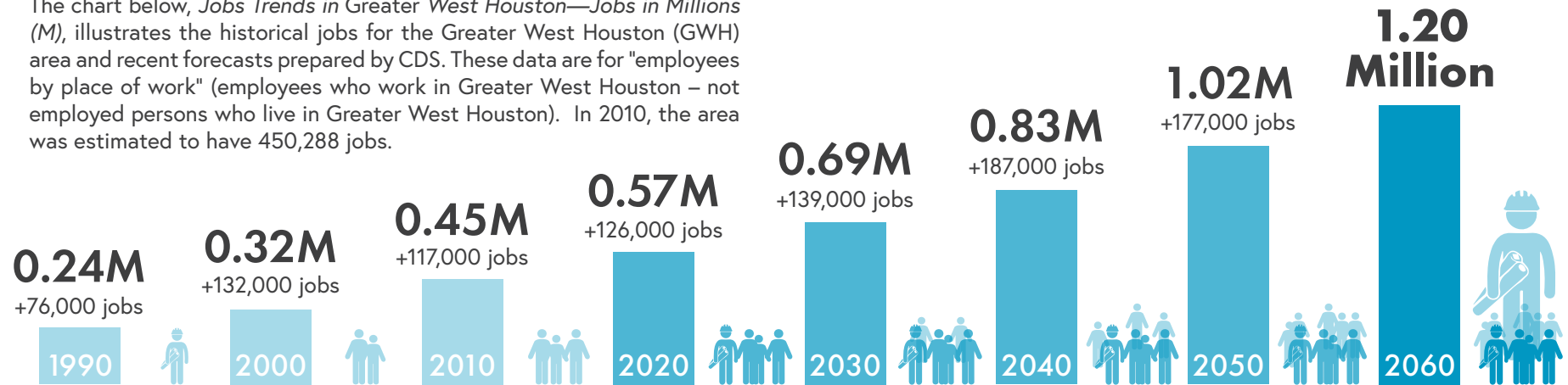


Source: Texas State Data Center Projections, 2018



Employment-

The chart below, *Jobs Trends in Greater West Houston—Jobs in Millions (M)*, illustrates the historical jobs for the Greater West Houston (GWH) area and recent forecasts prepared by CDS. These data are for "employees by place of work" (employees who work in Greater West Houston – not employed persons who live in Greater West Houston). In 2010, the area was estimated to have 450,288 jobs.

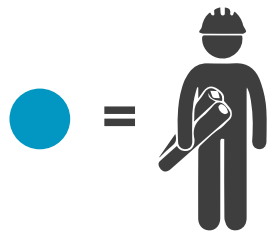


Jobs Trends in Greater West Houston

Source: Houston-Galveston Area Council for 1990 and 2000. CDS for 2010 and Forecasts

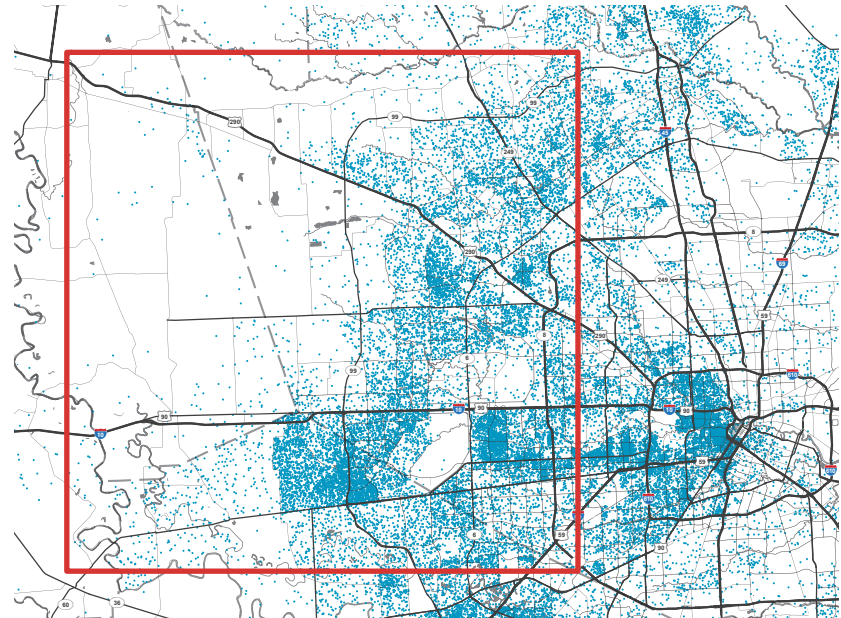
Key Occupation for Greater West Houston—Engineers

The map on the right, *Engineers and Architects in the Houston Region*, illustrates the density of the residences of engineers and architects in the Houston area. Each dot represents one person with either of those occupations according to the 2018 Nielsen/Claritas demographic database. There is a significant concentration of engineers in Greater West Houston and in the west side of Houston in general. Over one-third (35.9%) of the engineers in the Houston region live in the Greater West Houston area, while only 27.5% of all employed residents do. Greater West Houston has seen an increasing share of engineers choosing to live in the area. The 35.9% estimated in 2018 is up from 34.9% in 2016. Only 31.2% of all engineers lived in the area in 2000.



Over one-third of the engineers in the Houston region live in the GWH area.

Engineers and Architects in GWH



Source: PCensus for Arcview 2018

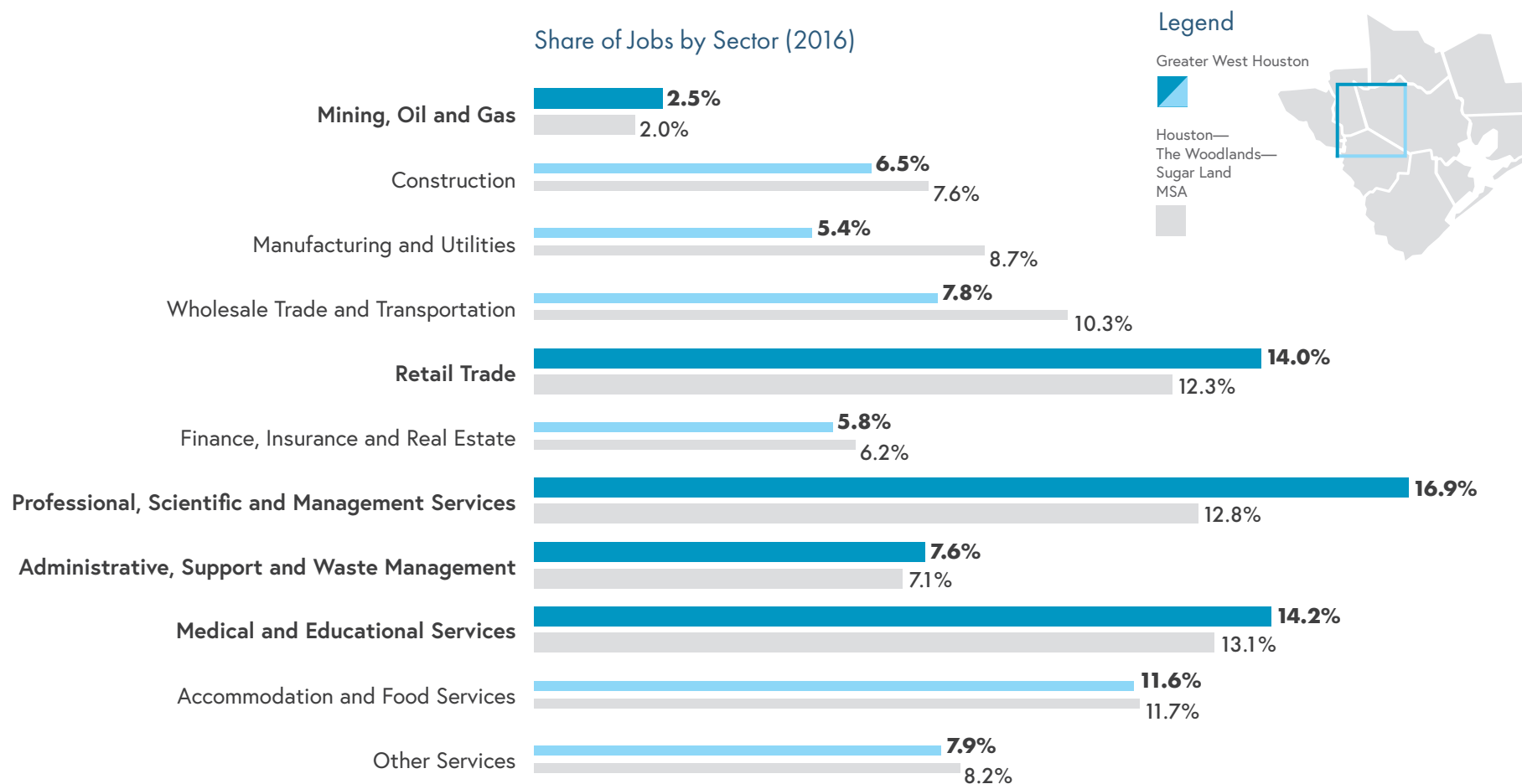
Comparison of Jobs by Sector

The chart below, *Share of Jobs by Sector (2016)*, illustrates the profile of job by industry sector in Greater West Houston.

The data is an approximation of Greater West Houston using the zip codes that cover nearly all of the Greater West Houston area. According to the Census, this zip code area had 561,937 jobs in 31,778 establishments in 2016, the most recent year Zip Code Business Patterns data is available.

According to Zip Code Business Patterns, Greater West Houston has a significantly higher proportion of jobs in the following sectors than the Houston MSA as a whole:

- Mining, Oil and Gas;
- Retail Trade;
- Professional, Scientific and Management Services;
- Administrative, Support and Waste Management; and
- Medical and Educational Services.



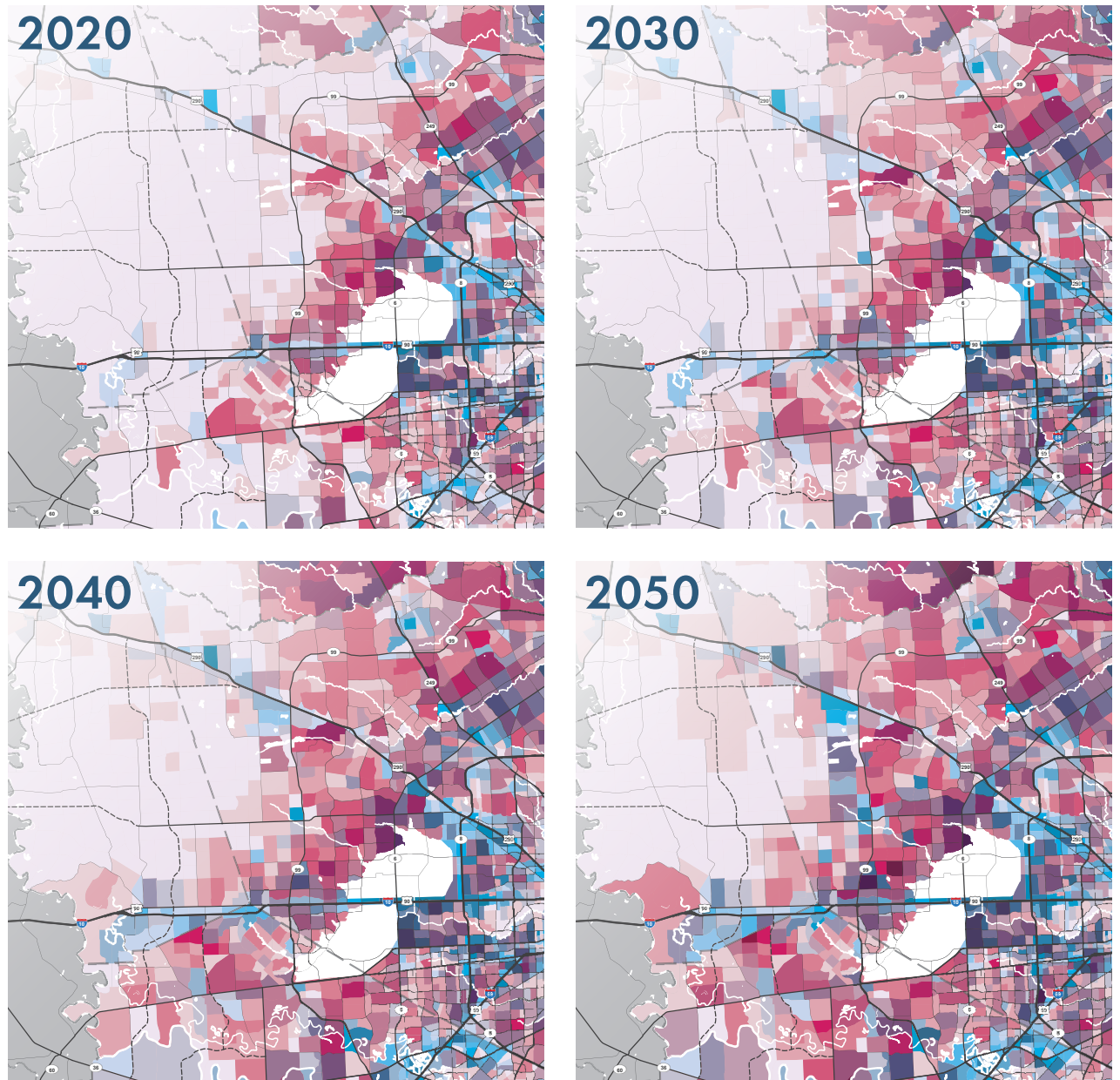
Source: U.S. Bureau of the Census, Zip Code Business Patterns 2016

-Population and Jobs Trends-

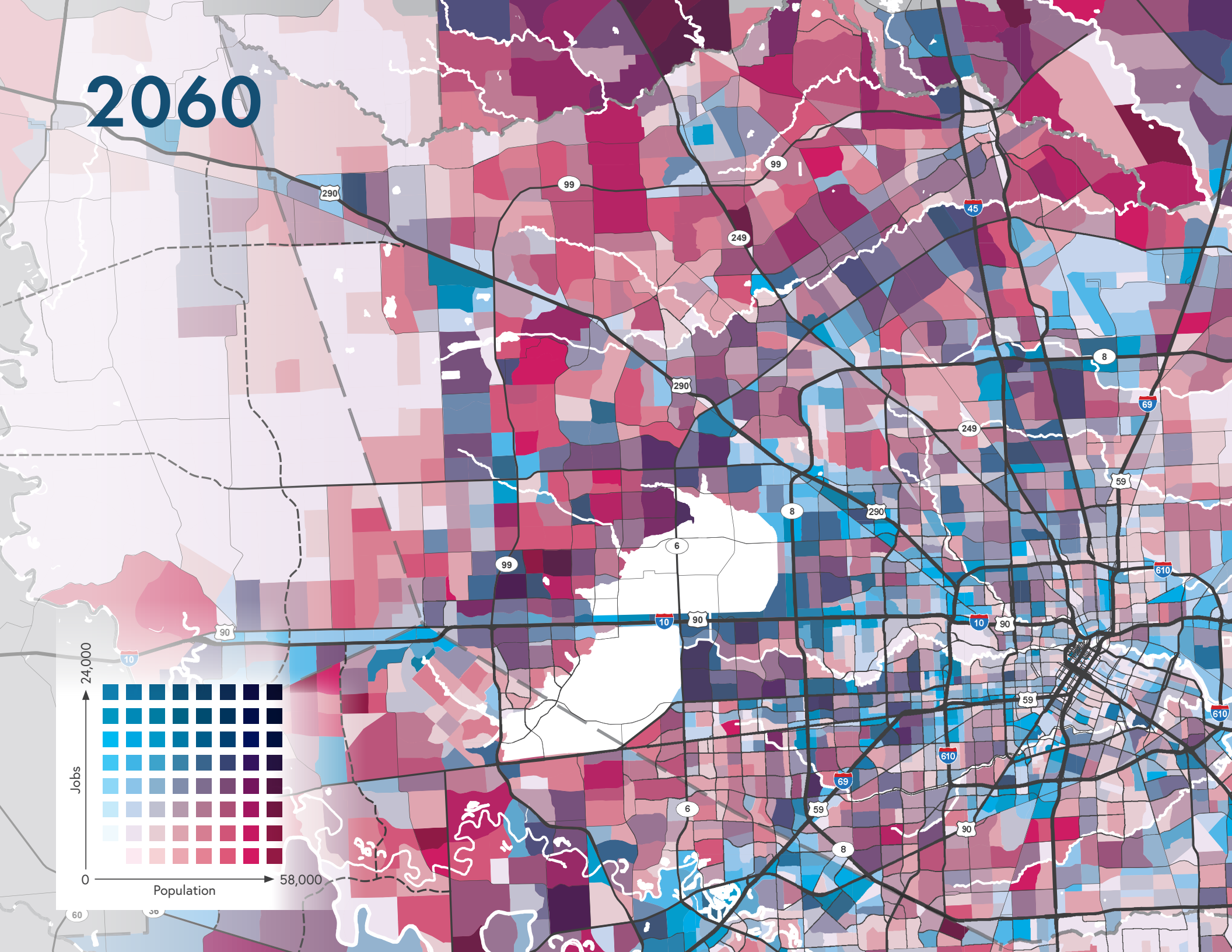
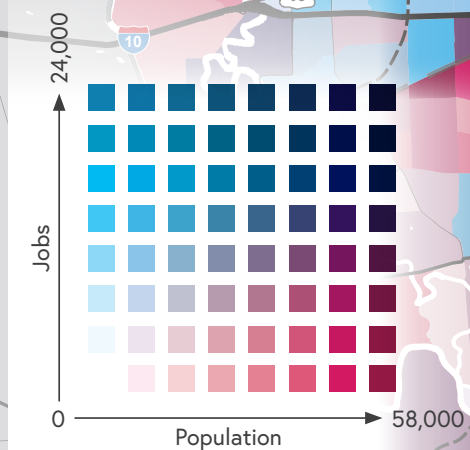
Future growth is trending west and north with densification and the highest growth rates occurring along major transportation corridors, especially the Grand Parkway. Mobility issues are driving the growth of regional centers located near the intersections of major transportation corridors. New flood control and development standards will likely lead to denser new development with more green space. Without major investments in infrastructure and innovation, housing prices and commute times are likely to increase significantly.

A traffic analysis zone (TAZ) is a special area delineated by state and/or local transportation officials for tabulating and modeling vehicular trip-related data, especially journey-to-work and place-of-work statistics; for the purposes of long-range transportation planning. A TAZ usually consists of one or more census blocks, block groups, or census tracts. The maps, *Projected Population and Jobs by Traffic Analysis Zones 2020–2060*, depict projected population and employee estimates for each TAZ for 2020, 2030, 2040, 2050, and 2060. The TAZs with the darkest color represent the areas of highest population and employment thus the greatest level of trip generation. Transportation planners will input Base Year TAZ data, based on existing land uses, and compare it with Future Year TAZ estimates to analyze and model trip generation, thoroughfare capacities and levels of service (LOS); in order to estimate the likelihood of needed roadways and roadway expansion in the future, based on anticipated development trends.

Projected Population and Jobs by Traffic Analysis Zones, 2020–2060



2060





- Demographic Characteristics -

Some of the demographic comparisons in this section are approximations for Greater West Houston based on reliable estimates from the 2018 Nielsen/Claritas demographics estimates. This dataset includes information on Age, Education, Income, and Occupation, in addition to estimates for Population, Households, and Housing Units. These 2018

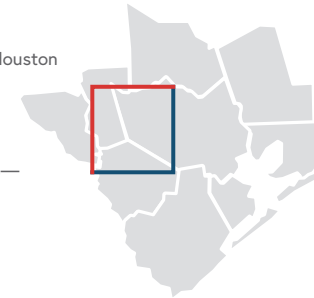
estimates account for the 2010 Census and the subsequent American Community Survey data releases (through 2016) and the data is extracted for the Greater West Houston geography using Tetrad's PCensus for Arcview software suite. Unless otherwise noted, this is the source for the demographic data on the following pages.

Legend

Greater West Houston



Houston—
The Woodlands—
Sugar Land
MSA

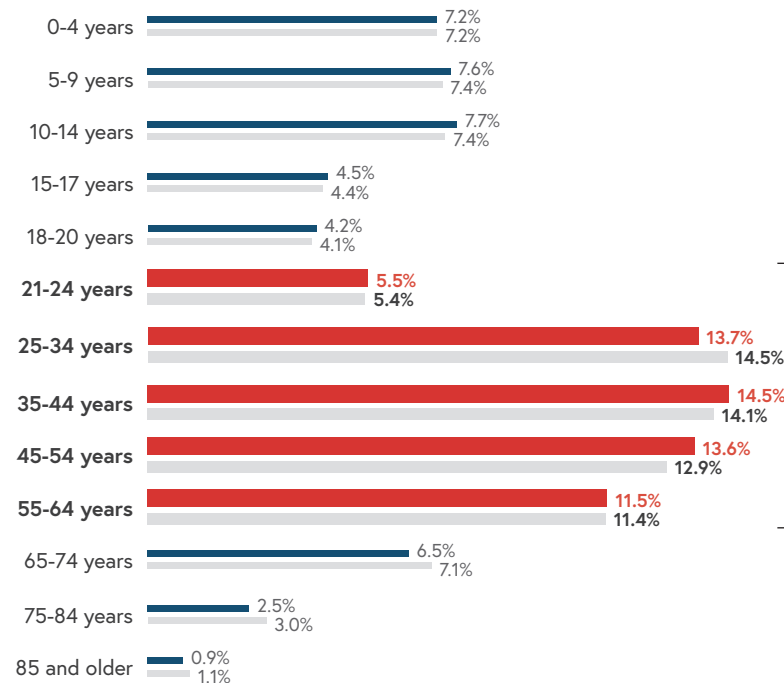


Age

The Age Distribution in Greater West Houston does not vary appreciably from the Houston MSA. According to the 2018 estimate, Greater West Houston has a slightly higher percentage of working age adults (21 to 64) at 58.8% compared to the Houston MSA at 58.3%. Greater West Houston has a slightly lower percentage of adults 65 and older at 9.9% compared to the region at 11.2%.

Median Age in Greater West Houston is estimated at 34.67, roughly the same as the MSA's median age of 34.73.

Age Distribution Comparison (2018)



Source: PCensus for Arcview 2018

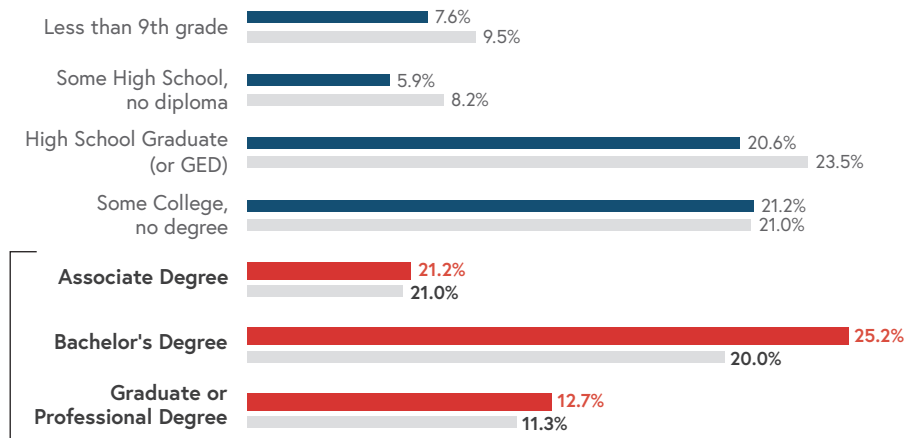
GWH has a slightly higher percentage of working age adults (21-64) at 58.8% compared to Houston MSA 58.3%.

Education

Educational Attainment is significantly higher in the Greater West Houston than in the Houston MSA. In Greater West Houston, 44.7% of the adults have a college degree (Associate degree or higher) as compared with 37.8% in the Houston MSA. Only 34.1% of the Greater West Houston adults have not attended college compared to 41.2% in the Houston MSA.

44.7% of Adults in GWH have a College Degree.

Educational Attainment Comparison (2018)



Source: PCensus for Arcview 2018

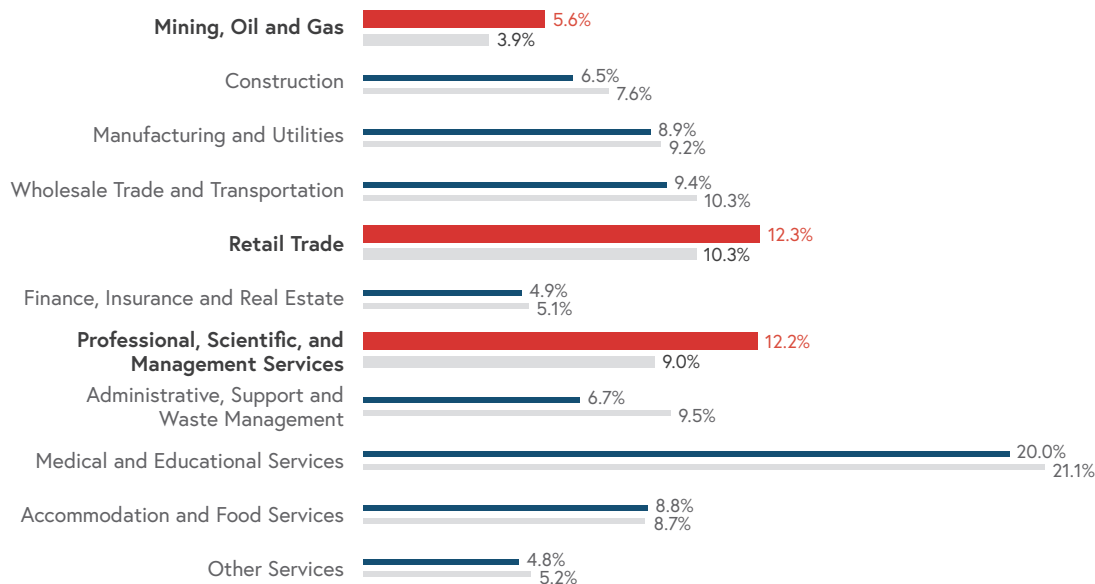
Employed Residents

The chart, *Employment of Residents by Industry (2015 Comparison)*, illustrates the general industry or employment categories of Greater West Houston's residents as compared with the Houston MSA.

Overall, Greater West Houston residents are employed similarly to those in the Houston MSA as a whole.

Greater West Houston has a slightly higher concentration of residents employed in the Oil & Gas, Retail, and Professional & Scientific industries.

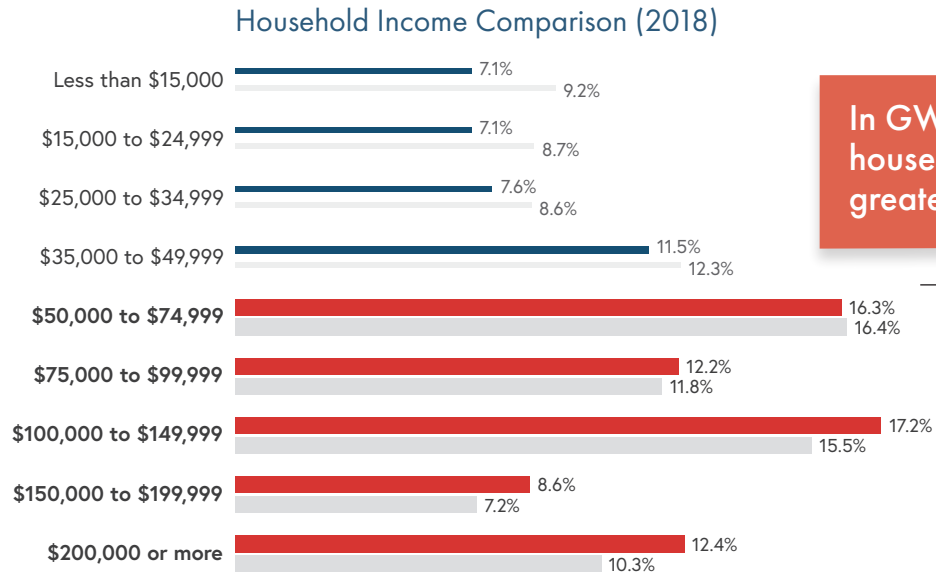
Employment of Residents by Industry (2015 Comparison)



U.S. Census, Longitudinal Employment-Household Dynamics (LEHD) 2015

Income

Household income in Greater West Houston is generally higher than in the Houston region as a whole. In Greater West Houston, 66.7% of the households have incomes greater than \$50,000 as compared with 61.3% of the Houston MSA's households. The median household income in Greater West Houston is approximately \$75,846 and for the Houston MSA as a whole median income is \$67,257.



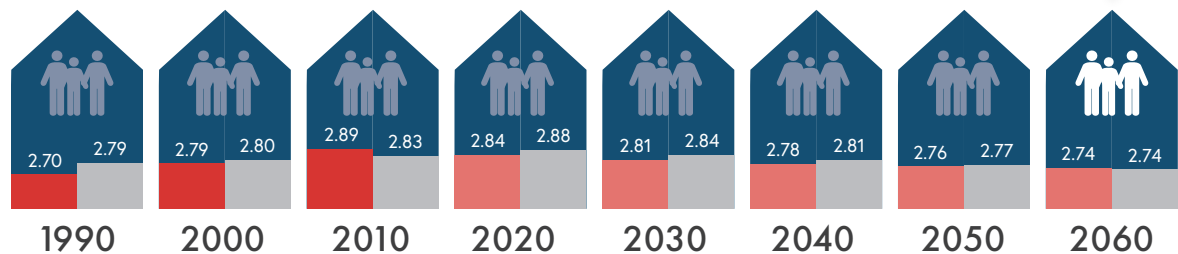
Source: PCensus for Arcview 2018

In GWH, 66.7% of the households have income greater than \$50,000.

Household Size

In the 2010 Census, Greater West Houston had an average household size of 2.83, which was slightly lower than the Houston MSA average of 2.89, both increases over the 2000 Census when the average household size in Greater West Houston was slightly higher than the Houston MSA. According to CDS projections, Greater West Houston and Houston MSA household sizes will both drop and will be nearly identical by 2060.

Household Size Comparison (2018)



Source: PCensus for Arcview 2018

Greater West Houston and Houston MSA household sizes will both drop and will be nearly identical by 2060.

Households and Housing Units

The table, *Household Characteristics (2018)*, illustrates the characteristics of households in Greater West Houston as compared with the Houston MSA. Overall, Greater West Houston households are similar to the region.

- Greater West Houston has a slightly higher percentage of persons in family households (74.0%) than the region does (71.2%).
- Greater West Houston has a higher percentage of married couple families with children than the Houston area, as well as higher shares in most multi-person household categories.

The table, *Housing Units and Ownership (2018)*, presents housing unit comparison between Greater West Houston and the Houston MSA. Overall, housing in Greater West Houston is not markedly different from the region.

- Greater West Houston has a vacancy rate of 6.8%, much lower than the region's 8.9%.
- Greater West Houston has a slightly higher percentage of owner occupied units (64.6%) than the Houston region (63.0%)
- The median owner-occupied home in Greater West Houston is valued at roughly \$19,000 more than the median home in the Houston region.
- The median year built of homes in Greater West Houston is 1997, six years newer than the Houston area median of 1991.

Household Characteristics (2018)

	Greater West Houston		Houston MSA	
	Count	Share	Count	Share
2018 Estimated Households	617,858		2,411,261	
Family Households	456,964	74.0%	1,715,759	71.2%
Non-family Households	160,893	26.0%	695,502	28.8%
Family Households:				
Married-Couple Family, own children	187,408	41.0%	627,910	36.6%
Married-Couple Family, no own children	156,518	34.3%	614,368	35.8%
Male Householder, own children	15,538	3.4%	63,046	3.7%
Male Householder, no own children	15,995	3.5%	70,692	4.1%
Female Householder, own children	49,940	10.9%	194,486	11.3%
Female Householder, no own children	31,565	6.9%	145,257	8.5%
Household Size:				
1-person	129,380	20.9%	565,561	23.5%
2-person	168,752	27.3%	679,781	28.2%
3-person	112,075	18.1%	414,871	17.2%
4-person	105,326	17.1%	369,900	15.3%
5-person	58,315	9.4%	210,972	8.8%
6-person	25,875	4.2%	98,076	4.1%
7 or more person	18,136	2.9%	72,100	3.0%
2018 Estimated Average Household Size	2.94		2.85	

Housing Units and Ownership (2018)

	Greater West Houston		Houston MSA	
	Count	Share	Count	Share
2018 Estimated Housing Units	662,950		2,647,629	
Occupied Housing Units	617,858	93.2%	2,411,261	91.1%
Owner-Occupied	398,921	64.6%	1,518,888	63.0%
Renter-Occupied	218,937	35.4%	892,373	37.0%
Vacant Housing Units	45,092	6.8%	236,368	8.9%
Median Owner-Occupied Housing Unit Value	\$197,075		\$178,617	
Median Year Housing Unit Built	1997		1991	



Comparisons to Greater West Houston-

Comparison Metric	Greater West Houston	Collin County, Texas	North Houston Association Area	Austin, Texas MSA	Bexar, Guadalupe, and Comal Counties, Texas	City of Phoenix, Arizona	Charlotte, North Carolina MSA	City of Houston, Texas
Area, sq. miles	1,000	841	1,334	4,218	2,509	516	5,066	599
2018 Population Est.	1,823,993	983,351	1,854,721	2,130,664	2,281,929	1,597,288	2,537,416	2,385,188
2010 Population	1,477,754	782,341	1,500,656	1,716,289	1,954,778	1,445,632	2,217,012	2,099,451
Population Growth	23.4%	25.7%	23.6%	24.1%	16.7%	10.5%	14.5%	13.6%
2000 Population	1,001,418	491,684	978,744	1,249,777	1,559,967	1,322,636	1,717,675	1,974,547
2018 Households	617,858	352,709	626,923	811,393	819,372	575,394	970,921	890,860
Median HH Income	\$75,846	\$92,651	\$75,175	\$74,256	\$59,995	\$52,849	\$60,380	\$51,914
Average HH Size	2.94	2.77	2.94	2.57	2.73	2.73	2.58	2.63
Median Home Value	\$197,075	\$282,046	\$189,660	\$259,980	\$163,517	\$212,258	\$189,843	\$158,298
SF Housing Units	461,645	276,054	520,547	595,586	662,171	440,815	843,017	518,330
MF Housing Units	201,304	94,569	150,681	273,606	222,789	211,272	218,187	484,948
% SF of all Units	69.6%	74.5%	77.6%	68.5%	74.8%	67.6%	79.4%	51.7%
2018 Jobs Est.	653,055	408,392	666,555	993,383	917,077	804,944	1,227,174	2,054,776

-Data Detail Section

Occupations for GWH Workers

The demographics research firm of Nielsen/Claritas provides a little extra detail on occupations than the American Community Survey of the Census described previously.

	Greater West Houston		Houston MSA	
	Count	Share	Count	Share
2018 Estimated Employed Population Age 16 and Over by Occupation	915,808		3,330,332	
Management, Including Farmers and Farm Managers	110,782	12.1%	341,037	10.2%
Business and Financial Operations	57,740	6.3%	178,168	5.4%
Computer and Mathematical	29,854	3.3%	82,863	2.5%
Architecture and Engineering	35,969	3.9%	100,178	3.0%
Life, Physical, and Social Science	11,016	1.2%	40,278	1.2%
Community and Social Services	8,525	0.9%	38,274	1.2%
Legal	9,358	1.0%	40,192	1.2%
Education, Training, and Library	51,564	5.6%	187,599	5.6%
Arts, Design, Entertainment, Sports, and Media	15,627	1.7%	51,490	1.6%
Healthcare Practitioners and Technical	45,304	5.0%	176,152	5.3%
Healthcare Support	15,526	1.7%	62,586	1.9%
Protective Service	18,236	2.0%	67,116	2.0%
Food Preparation and Serving Related	49,644	5.4%	181,836	5.5%
Building and Grounds Cleaning, and Maintenance	31,555	3.5%	137,402	4.1%
Service: Personal Care and Service	30,858	3.4%	100,121	3.0%
Sales and Related Occupations	112,765	12.3%	364,840	11.0%
Office and Administrative Support	112,766	12.3%	403,601	12.1%
Farming, Fishing, and Forestry	1369	0.2%	6,581	0.2%
Construction and Extraction	46,553	5.1%	247,037	7.4%
Installation, Maintenance, and Repair	28,218	3.1%	109,251	3.3%
Production	45,397	5.0%	194,570	5.8%
Transportation and Material Moving	47,181	5.2%	219,160	6.6%

While greater than one out of every five workers in the Houston MSA live in Greater West Houston, greater than one out of every three architects and engineers resides in the area. Almost 4% of GWH employed residents are architects, engineers or scientists.

-Data Detail Section-

Greater West Houston Regional Analysis Zones (RAZ)

Regional Analysis Zones

The map on this page, *Greater West Houston Regional Analysis Zones (RAZ)*, illustrates the Greater West Houston area with the Regional Analysis Zones used by H-GAC in their forecasting.

GWH includes the entirety of zones:

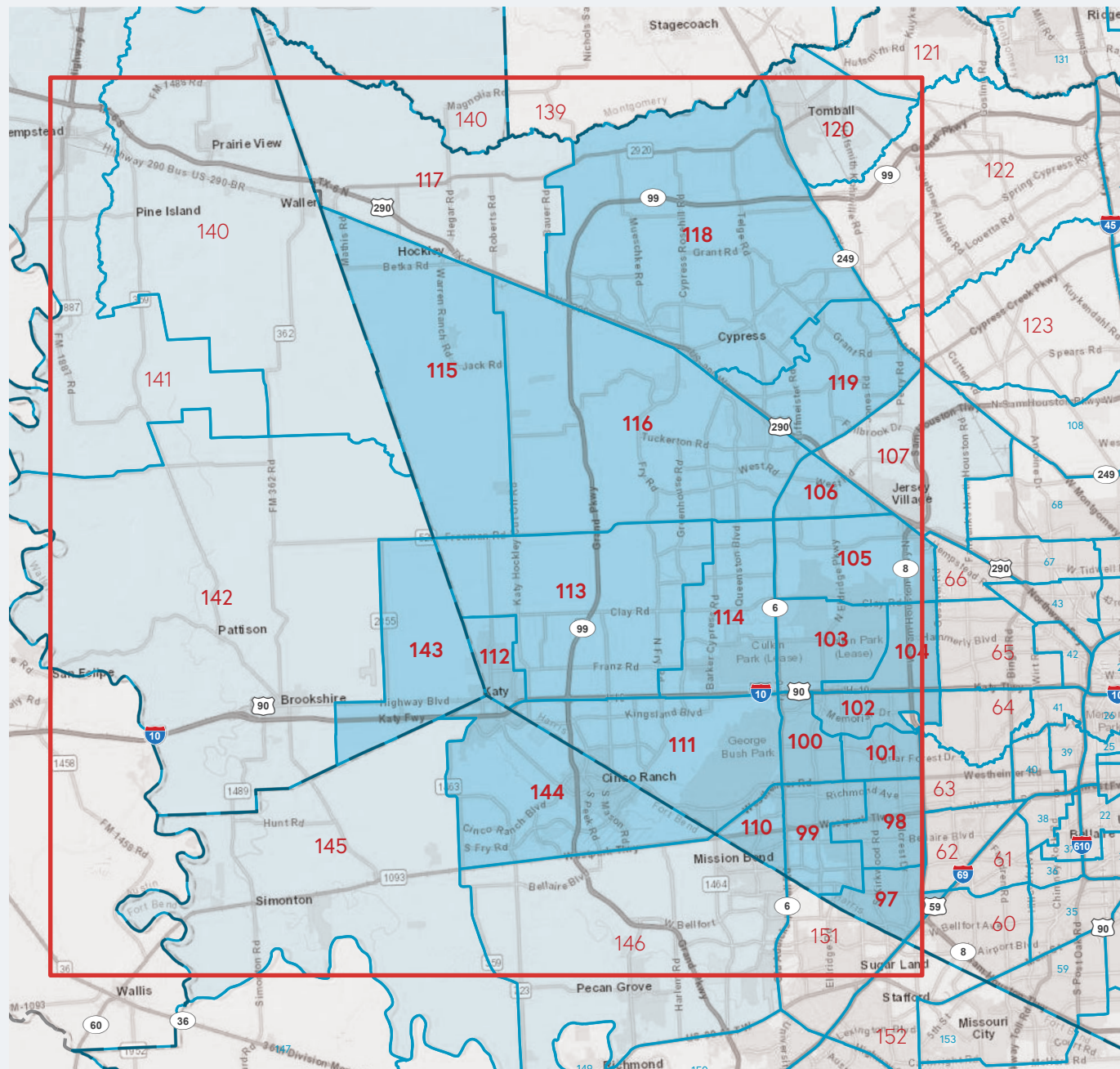
97	100	103	106	112	115	119
98	101	104	110	113	116	143
99	102	105	111	114	118	144

Zones mostly located with GWH:

107	120	142	146
117	140	145	

Other zones with some portion within GWH:

60	63	66	123	151
61	64	121	139	152
62	65	122	141	



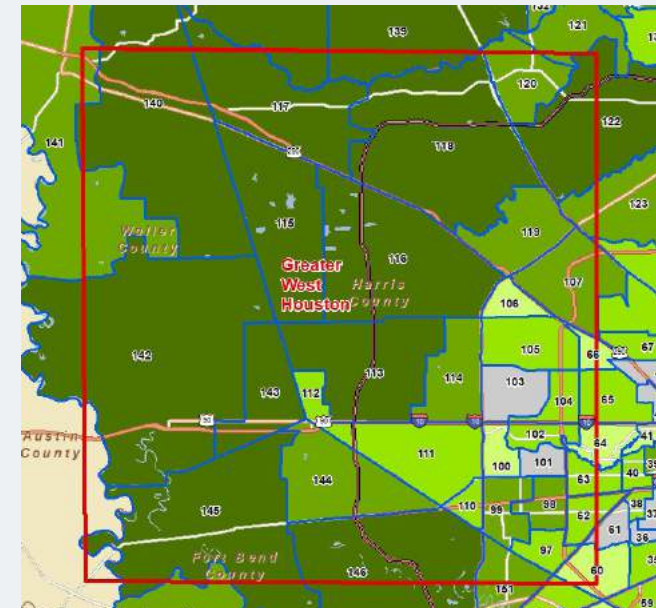
-Data Detail Section-

Population by RAZ — The table below presents the Regional Analysis Zones which are wholly or partially within Greater West Houston. This table totals to a larger population than previously described due to zones which are only partially within Greater West Houston. The map, below right, illustrates the magnitude of population growth in these and other Houston area zones from 2010 to 2060.

Population in Regional Analysis Zones

RAZ	1990	2000	2010	2020	2030	2040	2050	2060
60	62,877	79,845	76,613	77,722	80,054	82,154	84,290	86,403
62	51,030	70,290	69,126	70,962	72,614	74,123	76,843	79,427
63	37,548	43,258	48,956	53,299	58,455	62,287	64,109	66,186
64	22,154	22,884	23,460	24,658	25,766	26,737	27,757	28,767
65	72,139	85,193	81,823	84,648	87,792	89,585	90,688	91,903
66	6,814	8,137	9,878	11,597	13,099	14,369	15,648	16,914
97	43,968	53,531	53,320	56,435	59,002	61,196	63,377	65,546
98	34,559	43,660	50,289	54,404	58,723	63,816	71,476	78,803
99	41,111	55,811	71,838	81,131	86,978	92,123	98,019	103,772
100	16,362	23,565	32,537	34,841	35,877	36,549	37,552	38,528
101	31,343	36,953	34,231	34,229	34,342	34,466	34,635	34,798
102	30,719	31,640	32,535	35,640	38,093	40,181	42,256	44,316
103	114	543	463	543	1,251	1,616	1,681	1,745
104	21,795	25,103	23,639	26,500	29,002	31,120	33,249	35,362
105	23,533	36,702	46,426	50,982	54,874	58,224	61,976	65,645
106	8,865	12,732	17,342	19,451	20,749	21,869	22,659	23,447
107	42,190	67,320	84,329	96,319	103,585	108,477	110,059	112,076
110	18,157	22,395	29,334	33,154	36,715	39,782	43,005	46,183
111	29,835	48,607	61,266	64,172	67,117	69,673	72,374	75,036
112	6,359	9,611	11,330	14,890	19,533	23,652	27,806	31,924
113	27,234	45,245	110,533	152,846	192,121	231,958	282,716	331,715
114	27,372	39,961	67,026	80,915	85,062	87,426	89,907	92,354
115	665	1,392	2,062	6,742	17,186	31,681	57,636	81,852
116	21,618	34,912	90,894	132,829	175,622	214,782	258,194	300,665
117	3,312	5,084	6,440	10,735	21,031	33,977	53,791	72,535
118	18,576	46,091	100,709	133,488	170,483	205,205	250,222	293,542
119	41,607	51,629	68,047	78,452	83,662	87,348	90,406	93,525
120	7,587	10,429	11,709	17,078	23,463	31,239	43,774	55,554
122	69,796	91,845	150,318	203,216	240,252	261,820	285,866	309,401
140	11,236	16,032	18,128	21,013	32,983	60,588	81,810	104,893
141	5,709	7,573	9,117	9,674	12,219	20,170	28,319	37,137
142	5,155	7,684	9,663	11,649	19,272	39,756	58,187	78,239
143	1,290	1,374	2,508	5,853	18,991	38,993	53,203	68,651
144	2,686	19,074	77,420	108,722	123,537	128,691	125,356	122,556
145	3,059	4,656	10,372	32,076	86,055	152,006	179,146	207,779
146	31,624	51,744	111,193	149,862	185,691	230,044	276,970	325,073
TOTAL	817,121	1,132,660	1,704,874	2,080,727	2,471,251	2,887,683	3,294,962	3,702,252

Forecast Population Growth from 2010 to 2060 by RAZ



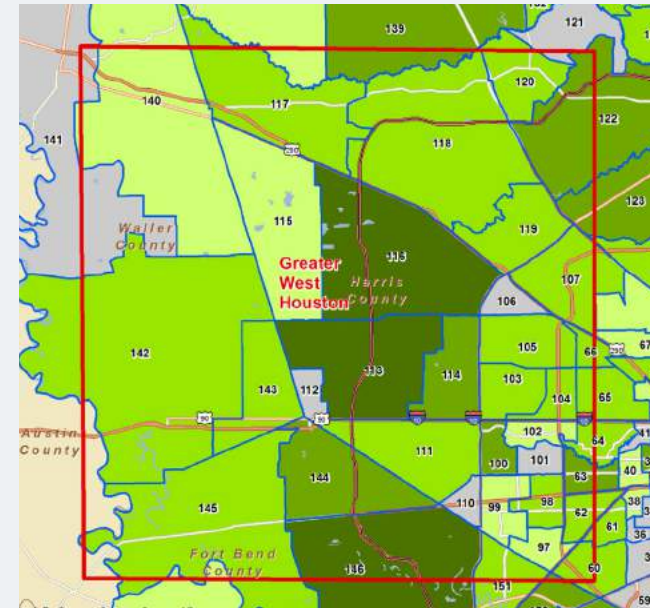
-Data Detail Section-

Jobs by RAZ — The table below presents the historical and projected jobs in the Regional Analysis Zones which are wholly or partially within Greater West Houston. This table totals to a larger number of jobs than previously described. This difference, as in the case of the population data presented previously, is due to zones which are only partially within Greater West Houston. The map, below right, illustrates the magnitude of job growth in these and other Houston area zones from 2010 to 2060.

Historical and Projected Jobs in Regional Analysis Zones

RAZ	1990	2000	2010	2020	2030	2040	2050	2060
60	10,970	16,157	12,609	15,007	17,127	19,261	22,610	25,708
62	29,433	32,187	33,161	36,039	39,040	45,383	56,052	65,846
63	31,034	39,113	41,598	46,478	52,618	59,363	70,242	80,294
64	12,549	14,767	16,101	18,441	21,904	25,502	31,184	36,436
65	26,716	31,206	33,999	38,563	42,331	46,111	52,038	57,706
66	15,903	27,599	26,322	30,412	34,946	39,587	46,892	53,646
97	12,637	17,139	15,344	17,753	19,750	21,756	24,895	27,797
98	16,275	22,769	24,624	27,006	29,848	32,939	37,590	41,913
99	9,702	10,929	10,420	11,964	13,868	15,976	19,084	21,969
100	9,665	15,192	23,549	40,092	47,532	52,053	54,669	57,558
101	10,966	16,968	14,693	16,212	17,022	17,797	18,999	20,111
102	29,548	21,214	23,508	25,712	28,316	30,649	32,976	35,135
103	879	557	1,433	2,618	5,773	9,162	16,216	22,577
104	15,980	27,527	26,635	29,976	34,142	38,029	42,299	46,346
105	6,603	22,725	30,459	34,531	39,738	45,116	52,821	59,940
106	1,763	7,136	10,802	12,073	13,007	13,933	15,380	16,721
107	11,316	31,415	29,721	34,475	38,400	42,336	48,497	54,194
110	5,623	4,753	3,472	4,034	4,287	4,528	4,896	5,236
111	6,501	15,291	13,848	15,955	17,871	20,193	24,262	28,052
112	4,294	3,866	3,911	4,629	5,227	5,666	6,342	6,968
113	2,065	6,248	9,218	14,492	24,082	34,162	63,000	88,623
114	6,052	17,100	21,038	30,087	34,106	39,879	48,625	56,595
115	38	236	794	2,293	4,086	5,845	8,537	11,042
116	2,226	6,849	7,945	11,265	21,317	32,490	61,121	86,544
117	171	893	1,273	8,583	16,202	18,910	22,126	25,150
118	1,836	8,867	11,234	14,994	19,485	23,873	30,618	36,877
119	13,495	27,605	16,476	20,112	22,518	24,919	28,671	32,141
120	5,668	9,165	9,610	12,690	15,950	18,348	21,498	24,417
122	10,178	21,715	24,288	42,525	60,218	68,812	69,269	69,697
140	4,238	4,729	5,120	6,048	7,971	11,572	14,757	18,140
141	1,874	2,029	2,310	2,768	3,573	4,971	6,217	7,542
142	1,227	2,729	4,585	5,975	8,824	14,069	18,982	24,197
143	274	365	1,026	2,409	5,069	9,574	13,327	17,327
144	1,071	5,672	6,491	11,895	20,900	31,579	37,617	44,538
145	323	925	2,497	3,889	8,325	14,476	18,389	22,775
146	6,359	5,763	6,445	13,329	27,334	48,885	63,425	79,784
TOTAL	314,481	483,242	526,557	665,324	822,707	987,704	1,204,123	1,409,542

Forecast Job Growth from 2010 to 2060 by RAZ

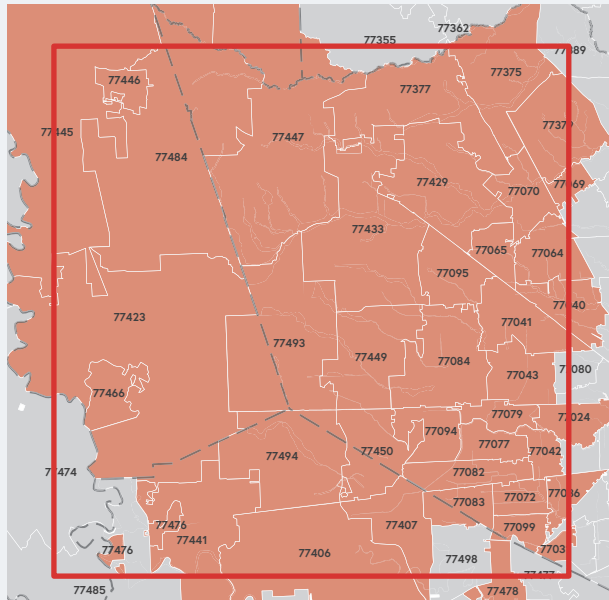


-Data Detail Section-

Employment by NAICS

The North American Industry Classification System is a standard employment code system developed by the U.S. government's Office of Management and Budget, which was updated in 2017. The system starts with a two-digit code (e.g. "22" for utilities) to describe general industry sectors and provides more specific sectors by adding digits (e.g. 221310 for water supply and irrigation systems). The chart to the right provides the current number of establishments and estimated employees for key NAICS sectors.

GWH Business Summary for Zip Codes:



77024	77065	77084	77407	77449
77031	77069	77094	77423	77450
77036	77070	77095	77429	77466
77040	77072	77099	77433	77476
77041	77077	77375	77441	77478
77042	77079	77377	77445	77484
77043	77082	77379	77446	77493
77064	77083	77406	77447	77494

NAICS	Sector Description	Establishments	Estimated Employees
11	Forestry, Fishing, Hunting, and Agriculture Support	25	93
21	Mining, Quarrying, and Oil and Gas Extraction	434	18,745
22	Utilities	111	3,396
23	Construction	2,658	48,718
31	Manufacturing	1359	48,960
42	Wholesale trade	3,231	52,943
44	Retail Trade	4,748	92,176
48	Transportation and Warehousing	832	12,977
51	Information	524	13,357
52	Finance and insurance	2,516	27,482
53	Real Estate and Rental and Leasing	2,073	13,378
54	Professional, Scientific, and Technical Services	5,648	73,161
55	Management of Companies and Enterprises	402	35,950
56	Administrative and Support and Waste Management and Remediation	2,095	52,522
61	Educational Services	586	12,943
62	Healthcare and Social Assistance	4,470	82,814
71	Arts, Entertainment, and Recreation	413	9,711
72	Accommodation and Food Services	3,470	76,796
81	Other Services (except Public Administration)	2,713	29,526
99	Industries not classified	61	149
Totals		38,369	705,795

Source: U.S. Census, County Business Patterns

"We believe each resident and employee should be afforded
the highest possible quality of life and work experience."

West Houston Association

