





**Figure 6.5 Goals and Performance Metrics**

**Vision: By 2027 Houston will be a Safer, More Accessible, Gold Level Bike-Friendly City**

Goal Area	BFA Rating Areas					Performance Metrics	Current Performance	Performance Trend (+ - or neutral)	Data Source	
	Enforcement	Education	Engineering	Evaluation	Encouragement					Key Outcomes
Improve Safety 					✓	# of bicycle related crashes reported	361	-	H-GAC	
					✓	# of bicycle fatalities per 10,000 commuters	7.4	+	H-GAC, US Census	
				✓		Disparity in bicycle mode share versus fatalities	3.8	+	H-GAC, US Census	
	✓					# of people who complete an approved bicycle education program	TBD	N/A	TBD	
					✓	# of "Bicycle Friendly Businesses"	4	Neutral	League of American Bicyclists	
Increase Access 			✓			% jobs within ½ mile of a high-comfort bike facility	46%	+	US Census	
			✓			% population within ½ mile of a high-comfort bike facility				
						<ul style="list-style-type: none"> <li>Overall population</li> </ul>	38%	+	US Census	
						<ul style="list-style-type: none"> <li>Minority population</li> </ul>	32%	+	US Census	
						<ul style="list-style-type: none"> <li>Low income population</li> </ul>	32%	+	US Census	
			✓			% of facilities within ¼ mile of a high-comfort bike facility:				
						<ul style="list-style-type: none"> <li>Transit nodes (transit centers, Park &amp; Rides, and light rail stations)</li> </ul>	37%	+	METRO/City of Houston	
						<ul style="list-style-type: none"> <li>Schools and libraries</li> <li>Community and multi-service centers</li> </ul>	23%	+	City of Houston	
					<ul style="list-style-type: none"> <li>Community and multi-service centers</li> </ul>	33%	+	City of Houston		
Increase Ridership 					✓	Commuter mode share	0.5%	-	US Census	
				✓		# of permanent count stations	2	Neutral	H-GAC	
				✓		✓	% growth in bicyclists observed through permanent count stations	TBD	N/A	H-GAC
				✓			# of bike boardings on Metro per year	258,094	+	METRO
				✓			# of bike share checkouts per year	98,449	+	Houston Bike Share
					✓		Annual City events that support increased ridership (e.g., Sunday Streets, Tour de Houston, Bicycle Advisory Committee meetings)	11	Neutral	City of Houston
Develop and Maintain Facilities 			✓			Miles of high comfort bikeways per capita (per 10,000 people)	1.17	+	City of Houston/Census	
			✓			% of bikeways in good or better condition	TBD	N/A	City of Houston	
					✓		Population within ¼ mile of a bike share station	27,900	+	Houston Bike Share
					✓		Jobs within ¼ mile of a bike share station	155,600	+	Houston Bike Share
				✓			% of major transit nodes <sup>1</sup> with secured bike parking	4%	Neutral	METRO
					✓		Dedicated city staff (FTE) for bikeway program	1	Neutral	City of Houston

<sup>1</sup> Major Transit Nodes include Rail Stations, Transit Centers, and Park & Ride Facilities

Figure 6.6 Performance Metric Data Details

Performance Metric	Data Details
# of bicycle related crashes reported	3 year average 2012-2014 data from H-GAC (crash data)
# of bicycle fatalities per 10,000 commuters	3 year average 2012-2014 data from H-GAC (fatality data) and American Community Survey (ACS) (commuting data)
Disparity in bicycle mode share versus fatalities	3 year average 2012-2014 of the bicycle fatality rate for all roadway fatalities divided by the same 3 year average of the bicycle commute mode share
# of people who complete an approved bicycle education program	TBD
# of "Bicycle Friendly Businesses"	As of December 2015
% jobs within ½ mile of a high-comfort bike facility	2011 LEHD (Longitudinal Employer-Household Dynamics from US Census)
% population within ½ mile of a high-comfort bike facility (overall, minority, and low income)	2010 US Census block level population
Within ¼ mile of a high-comfort bike facility (transit nodes, schools & libraries, and community & multi-service centers)	2014 facility locations from METRO and City of Houston Reporting
% population with comfortable access to greenways system (bayous and other trails)	Comfortable access is defined as within ½ mile of an off-street trail of at least a mile or a high-comfort connection to such a trail
Commute mode share	ACS data – 3 year average (2012-2014)
# of permanent count stations	H-GAC is only entity with permanent counters currently
% growth in bicyclists observed through permanent count stations	Compile monthly bicycle counts to an annual number then determine growth over previous year.
# of bike boardings on Metro per year	Data is for calendar year 2014
# of bike share checkouts per year	2015
Annual City events that support increased ridership (e.g., Sunday Streets, Tour de Houston, Bicycle Advisory Committee meetings)	2015, City of Houston Reporting
Miles of high comfort bikeways per capita (per 10,000 people)	Population from 2014 ACS data
% of bikeways in good or better condition	TBD
Population within ¼ mile of a bike share station	2015
Jobs within ¼ mile of a bike share station	2015
% of major transit nodes with secured bike parking	2015
Dedicated city staff (FTE) for bikeway program	2014 Benchmarking Report (Alliance for Walking & Biking)