

APPENDIX B

**Improving Access for People with
Limited English Proficiency (LEP)**

Implementation Plan



Greater Lafayette Public Transportation Corporation

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APPENDIX B



Improving Access for People with Limited English Proficiency (LEP)

Four Factor Analysis

Greater Lafayette Public Transportation Corporation ("GLPTC") has conducted this analysis to meet requirements under Title VI of the Civil Rights Act of 1964, which seeks to improve access to services for persons with Limited English Proficiency (LEP). The purpose is to ensure that no person shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance from the FTA.

Analysis Using Four Factor Framework

GLPTC has conducted the following analysis using the four factors identified in the DOT LEP Guidance:

- I. **Factor 1: The number and proportion of LEP persons served or encountered in the eligible service population**

Task 1, Step 1: Examine prior experiences with LEP individuals.

GLPTC serves a diverse community. Purdue University brings people from all over the world to Lafayette-West Lafayette. Our community has experienced a growing Latino population in the last decade. GLPTC transit operators and customer service staff report daily interactions with LEP persons, particularly persons speaking Spanish as their primary language. A concentration of international students, most speaking Chinese as their primary language, is located in the Purdue Village area on the Purdue University campus. In most cases, the information needed from GLPTC relate to use of transit services including requests for route and schedule information, fare information, transfers, etc. English-speaking family members are often—but not always—available to help with translation when needed.

Task 1, Step 2: Become familiar with data from the U.S. Census.

The 2000 Census describes the languages spoken in Tippecanoe County and number speaking each language as follows:

Language	Number of speakers
English only	124060
Spanish	7275
Chinese	1400
French	735
Korean	735
German	695
Hindi	475
Japanese	460
Arabic	385
Mandarin	355
Indonesian	315
Vietnamese	185

The most significant non-English language populations speak Spanish and Chinese. More detailed information shown by census tract is available in appendix B.1.

Task 1, Step 2A: Identify the geographic boundaries of the area that your agency serves.

GLPTC's service area is defined by the city limits of Lafayette and West Lafayette, plus a suburban territory extending three miles beyond the city limits into Tippecanoe County. Appendix B.2 includes a map showing the boundary of GLPTC's taxing district and census tracts included.

Task 1, Step 2B: Obtain Census data on the LEP population in your service area.

Appendices B.3 and B.4 contain census data on English proficiency in Tippecanoe County, listing population by language of origin and the numbers of those speaking English *very well*, *well*, *not well*, or *not at all*.

Task 1, Step 2C: Analyze the data you have collected.

Non-proficiency is determined by adding those who speak English in any category other than *very well*.

- A total of 8,689 persons are identified with limited English proficiency. Of these 7,307 are foreign-born.
- Among the Spanish-speaking population 4,988 persons are not proficient with English. Of these, 4,016 are foreign-born.
- For Asian or Pacific Island languages, 2,636 persons are not English proficient. Of these, 2,454 are foreign-born.
- The remaining 1,065 speak either Indo-European or other languages. Of these, 837 are foreign-born.

Of the total county population (150,221), 5.8% are persons with limited English proficiency. The largest group, 3.3% speak Spanish. 1.8% of persons speak an Asian or Pacific Island language, most speak Chinese.

Task 1, Step 2D: Identify any concentrations of LEP persons within your service area.

Appendix B.4 compares language proficiency between the two cities that GLPTC serves. The chart below summarizes the numbers of LEP persons by language category in each city.

	Lafayette	West Lafayette
Spanish	3714	68
Indo-European	158	401
Asian/Pacific Island	250	973
Other	0	58
Total LEP Persons	4122	1500

The majority of LEP persons live in Lafayette with the largest concentration speaking Spanish. A map showing concentrations of Hispanic/Latino population adjacent to transit routes is included in Appendix B.4.

The largest concentration of LEP persons in West Lafayette is made up of Asian/Pacific Island speakers. Purdue University, located in West Lafayette, reports a concentration of LEP individuals in the Purdue Village area of campus, where most international students are housed. The office International Students and Scholars reports about 250 individuals, most speaking Chinese, live in Purdue Village.

Task 1, Step 3: Consult state and local sources of data.

Department of Education data supports the conclusion that larger

concentrations of Spanish-speaking people live in Lafayette and a larger Asian population resides in West Lafayette. 1,076 students with limited English are identified in Lafayette School Corporation. The largest minority population is Hispanic, with enrollment higher than 20% in several schools. 37% of students at Glen Acres Elementary and 31% at Miami Elementary are Hispanic. In West Lafayette School Corporation, 103 students were identified with limited English proficiency. The largest minority population was at West Lafayette Jr./Sr. High School with 17% Asian enrollment. The data is available in Appendix B.5.

Tecumseh Area Partnership (TAP) provides employment and training services in a twelve county area which includes Tippecanoe County. The special tabulation of census data from the Department of Labor is provided in Appendix B.6. However, because the data is from a region much larger than GLPTC's service district, the information is only anecdotally useful. Spanish-speaking LEP persons make up the majority of all persons not speaking English well, with Chinese and Korean populations also indicated across TAP's twelve-county service area.

Task 1, Step 4: Community organizations that serve LEP persons.

GLPTC has current associations with Lafayette School Corporation, West Lafayette School Corporation, Purdue University, Ivy Tech Community College, local city government, and Wabash Center, all of which provide service for persons speaking limited English.

Task 1, Step 4A: Identify community organizations.

LEP persons are served by many organizations in the community and on the Purdue University campus. See list in Appendix B.7.

Task 1, Step 4B: Contact relevant community organizations.

The following organizations are the most involved in serving LEP persons, and comprise the list of organizations contacted by GLPTC:

- Latino Coalition of Tippecanoe County
- Purdue Asian American Association
- Purdue Korean Association
- Purdue University Chinese Students and Scholars Association
- Purdue University Latino Cultural Center
- St. Boniface Catholic Church
- United Businesses Serving the Community (UBSC) (Latino Chamber)

In May 2009 a letter and survey were transmitted to each of these organizations requesting information to help GLPTC improve the language

services we provide. A sample letter and survey is provided in Appendix B.8.

Task 1, Step 4C: Obtain information.

Survey results from the Purdue University Chinese Student-Scholar Association (PUCSSA) said the organization serves more than 2000 people, a population which has increased over the last five years. Most have emigrated from China with a combination of rural and urban backgrounds, ranging in age from 17 to 60, and speak Chinese as the primary language. The education level is high, with most affiliated with Purdue University, working on undergraduate or graduate degrees, and several Purdue faculty. The group expressed needs for more buses, more routes, more operating hours, but the survey did not indicate that there was much demand for information about how to access public transportation. Frequently traveled destinations are Purdue Village, Beau Jardin Apartments, The Lodge Apartments, Wal-Mart (West Lafayette), and the Asian Market. Organization leadership indicated that the population would trust messages from GLPTC delivered by PUCSSA in Chinese, and could provide translation services if needed.

The Purdue University Latino Cultural Center (LCC) serves about 2000 people, many coming to our community from Mexico and Puerto Rico and speaking Spanish as the primary language. The organization serves a population age 18 to 25, including high school, undergraduates, and graduate students, and faculty and staff members. Transportation to Purdue, and access to information about how to use GLPTC services are needs expressed. Destinations of interest include Tippecanoe Mall, Ivy Tech, and Wal-Mart. The LCC suggests churches, student mailings, online methods, and English language classes as means to obtain input from the population. Most trusted sources for message delivery are the LCC for Purdue students, and United Businesses Serving the Community (UBSC) for the local Hispanic/Latino community.

II. **Factor 2: The frequency with which LEP individuals come into contact with your programs, activities, and services**

Task 2, Step 1: Review the relevant programs, activities, and services you provide.

As identified in Task 1, LEP individuals inquire about, use, and are affected by the services that GLPTC provides on a daily basis. Operational services include fixed route service, ADA paratransit service, and Purdue campus loop shuttles. LEP individuals also come into contact with GLPTC by calling our customer service call center, the administrative office, and the dispatch center, as well as using the web site.

Task 2, Step 2: Review information obtained from community organizations.

The Purdue University Chinese Student-Scholar Association indicated daily use, especially during the Fall and Spring semesters, of Campus Loop routes and fixed routes 1B, 3B, and 4B, and 5. There is a concentration of Chinese students/staff living in Purdue Village, Beau Jardin, The Lodge, and Williamsburg on the Wabash.

The Purdue University Latino Cultural Center indicated daily use of bus routes as well when Purdue classes are in session. Spanish-speaking LEP persons ride Campus Loops and Fixed Route buses throughout the community. Concentrations of Hispanic/Latino persons exist in Treece Meadows and Glen Acres neighborhoods along route 1A, and in south Lafayette neighborhoods along routes 3A and 4A.

Task 2, Step 3: Consult directly with LEP persons.

GLPTC conducted a survey of organizations in May 2009, with results summarized above. Focus groups will be held with these organizations by the end of the 2009 calendar year to ask LEP persons whether they are aware of the types of language assistance GLPTC provides, which forms are most helpful, and what, if any, additional language assistance measures would be beneficial.

iii. **Factor 3: The importance to LEP persons of your program, activities, and services**

Task 3, Step 1: Identify your agency's most critical services.

Using public transportation is important to LEP persons as indicated from survey results and focus groups. GLPTC's most critical services are:

- Fixed route services
- ACCESS paratransit services
- Campus Loop shuttle services

If limited English is a barrier to using these services then the consequences for the individual are serious, including limited access to obtain health care, education, or employment. Critical information from GLPTC which can affect access includes:

- Route and schedule information
- Fare and payment information
- System rules
- Information about how to ride
- Public service announcements

- Safety and security announcements
- Complaint and commendation forms
- Communication related to transit planning
- Information about ACCESS paratransit services

Task 3, Step 2: Review input from community organizations and LEP persons.

Concentrations of Chinese-speaking riders use GLPTC fixed route and Campus Loop routes in West Lafayette. Lafayette-side routes 1A, 3A, and 4A have high concentrations of Spanish-speaking riders.

IV. **Factor 4: The resources available to the recipient and costs**

Task 4, Step 1: Inventory language assistance measures currently being provided, along with associated costs.

GLPTC has provided the following language assistance measures to date:

- Spanish language instruction for a call center employee in 2006. (Employee is no longer employed.)
- Translation services from a bilingual (Spanish-speaking) bus operator when needed. Bus operator has also worked at community events.
- Route and schedule information printed in Spanish. (Discontinued because there was no plan for distributing the information.)
- Critical information on the web site was provided in Spanish from 2000 to 2006. (Discontinued in 2006 when a major web site update was completed.)

Cost of these measures has been less than \$500 annually.

Task 4, Step 2: Determine what, if any additional services are needed to provide meaningful access.

Due to the small size of our agency and limited resources, GLPTC should focus its language measures on extending access for persons speaking Spanish. The following should be translated into Spanish:

- Translation of critical printed information.
- Translation of critical web site information.
- Translation of safety and security related announcements.
- Translation of ACCESS paratransit information.

In addition to translation of public information, GLPC should consider providing translations on signage inside of transit stations, shelters, and vehicles.

Information technology systems which provide real-time departure information and next stop announcements using electronic signage and internet tools should also be reviewed in consideration of any needed translations.

Finally, on-demand translations services by phone should be implemented to assist LEP persons when calling the customer service call center, dispatch center, or administrative offices.

Finally, issues related to LEP persons should be included in the training of Bus Operators as well as call center and administrative staff.

Task 4, Step 3: Analyze your budget.

Like most public agencies, GLPTC's budget is constrained by several factors, and staff resources are also limited. GLPTC should devote resources in the printing and advertising/promotional budgets to LEP implementation measures. In addition, capital budget increases for signage inside of transit facilities and vehicles should be considered. Finally, additional administrative costs may need to be included in the budget for phone translation services.

Task 4, Step 4: Consider cost effective practices for providing language services.

GLPTC should collaborate with the community organizations identified in Task 1 to provide cost effective practices. GLPTC could partner with these organizations to provide:

- Help with translation of printed and online information.
- Distribution channels for printed information.
- Translation assistance for LEP persons.
- Educational and outreach opportunities to help improve access for LEP persons.

In addition, GLPTC should research and pursue language assistance products and translation services developed and paid for by local, regional, or state government agencies.

APPENDIX B (CONTINUED)



**Improving Access for People with
Limited English Proficiency (LEP)**

Plan for Implementation

Greater Lafayette Public Transportation Corporation ("GLPTC") has adopted the following implementation plan to meet requirements under Title VI of the Civil Rights Act of 1964, which seeks to improve access to services for persons with Limited English Proficiency (LEP). The purpose is to ensure that no person shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance from the FTA.

Plan for Implementation

I. Identifying LEP individuals who need language assistance

Research and field work completed in the four factor analysis indicates that a large proportion of Spanish-speaking LEP persons reside in Lafayette. Of the total county population (150,221), 5.8% are persons with limited English proficiency. The largest group, 3.3% speak Spanish. 1.8% of persons speak an Asian or Pacific Island language, most speak Chinese. Appendix B.4 compares the distribution of population between Lafayette and West Lafayette.

Research among bus operators and customer service staff indicate that the frequency of contact with LEP persons speaking both Spanish is daily.

II. Language assistance measures

The following resources will be used to provide language assistance:

Written language:

- Community Assistance Program, Purdue College of Liberal Arts Engagement Office, West Lafayette. (765) 494-5641. E-mail:

ctenorio@purdue.edu

- Claudia Rubio Samulowitz, The Language Connection Professional Interpreters & Translators, 101 W. Ohio St, Suite 2000, Indianapolis. (317) 471-9796. Cell (765) 532-0617. E-mail: certified@thelanguageconnection.us. (Claudia is based in Lafayette.)
- Foreign Languages & Literatures Department, Purdue University, 640 Oval Dr., West Lafayette. (765) 494-3828.

Oral language:

- Hispanic Outreach Program, Community and Family Resource Center (CFRC), 330 Fountain St., Lafayette. (765) 742-5046.
- Language Line Services is a provider of translation services by phone. The company charges a per-minute fee. Joe Schwener, Account Manager. (831) 648-5806.

When a phone call from a Spanish-speaking LEP customer is received, or when the customer comes into the customer service or administrative offices in person, the first step will be to contact the Hispanic Outreach Program at Community and Family Resource Center. If CFRC is not available, or in the case of native languages other than Spanish, customer service staff should use Language Line. (Advanced training for use of Language Line is required.)

When written communication from an LEP person is received it should be forwarded to the Development Manager, who will forward it to the Community Assistance Program or Claudia Rubio Samulowitz for translation into English and translation of the response into the native language.

It may be difficult for a non-bilingual bus operator to provide assistance to an LEP person who boards the vehicle and requests information. In such circumstances, the bus operator could ask if another passenger on the bus could serve as a translator, or the driver could provide the phone number for customer service (742-7433) for translation assistance. If available, the bus operator could also direct the passenger to translated passenger information such as printed schedules.

It is important for GLPTC to ensure the competency of interpreters and translation services. GLPTC will review competency as part of its triennial Title VI Program Update by undertaking these steps:

- GLPTC will ask the interpreter or translator to demonstrate that he or she can communicate or translate information accurately in English

and the other language.

- GLPTC will train the interpreter or translator in specialized terms and concepts associated with GLPTC's policies and activities.
- GLPTC will instruct the interpreter or translator that he or she should not deviate into a role as counselor, legal advisor, or any other role aside from interpreting or translation.
- GLPTC will ask the interpreter or translator to attest that he or she does not have a conflict of interest on the issues that they would be providing interpretation services.

As of May 2009, the competency of the translation providers listed above is assured. Each has demonstrated the ability to provide accurate translation and is familiar with specialized terms and concepts associated with public transportation. Each understands that translation functions are limited to interpretation and translation only, and that translator should not deviate into other roles. Each has attested that there is no conflict of interest.

III. Training staff

GLPTC employees, staff, and management staff are likely to come into contact with LEP persons. These include bus operators, dispatchers, street supervisors, customer service personnel, receptionists, and management.

Training on GLPTC's responsibility to serve LEP persons is implemented by the following means:

- Orientation and initial training for new bus operators, and ongoing training, will include information on serving LEP persons, with retraining at least one time per year.
 - By the end of 2009, the Operations Manager will conduct research on and implement training resources (videos, handouts, presentations, etc.) described in the DOT guidance on LEP implementation (April 13, 2007, pp. 28-29).
- Dispatchers, street supervisors, customer service personnel, receptionists, and management staff will take part in ongoing training, with at least one training session per year on the topic of serving LEP persons.

IV. Providing notice to LEP persons

GLPTC incorporates a variety of methods to communicate with transit users and the public. These include printed schedule information, signs inside of vehicles and the downtown transfer center, web sites, customer service phone line, news releases, advertising, community meetings, and participation in local events. GLPTC will use these methods to notify LEP persons of the availability of language assistance, and when applicable, to notify customers of the availability of translated documents. Implementation will be complete by the end of 2009.

GLPTC will conduct outreach efforts beginning in Fall 2009 to the organizations identified in Task 1 of the Four Factors. The Outreach/Community Relations Coordinator will conduct these efforts.

V. Monitoring and Updating the LEP Plan

Ongoing outreach efforts will include a process to obtain feedback on GLPTC's language assistance measures. Monitoring of the program will be assigned to the Outreach/Community Relations Coordinator. Specific tasks will include quarterly contact with the organizations to measure results and discuss needs of LEP persons. These efforts will reveal any changes to the implementation plan that may be necessary, including any noticeable changes in demographics of the LEP population or the availability of new resources.

The DOT guidance also recommends internal monitoring by performing ride checks, in which LEP persons are engaged to ride and report on the experience. It should be noted that this activity is designed to collect information on LEP implementation, not to monitor the performance of any specific employees resulting in corrective or disciplinary action.

Based on the feedback received, GLPTC may make incremental changes to the type of written and oral language assistance provided. Evaluation may result in expansion of language assistance measures that are effective, or the modification or elimination of measures which are not effective.

If service is expanded into areas with high concentrations of LEP persons, GLPTC should consider modifying the implementation plan as needed in order to ensure meaningful access by previously un-served LEP persons.

Appendix B.1

Language Spoken at Home for Counties and Tracts in Indiana: 2000

Source: U.S. Census Bureau, Census 2000 Special Tabulation 224

Universe: Population 5 years and over

(Data based on a sample. For information on confidentiality, sampling errors, nonsampling error, and definitions, see www.census.gov/prod/cen2000/doc/st3.pdf)

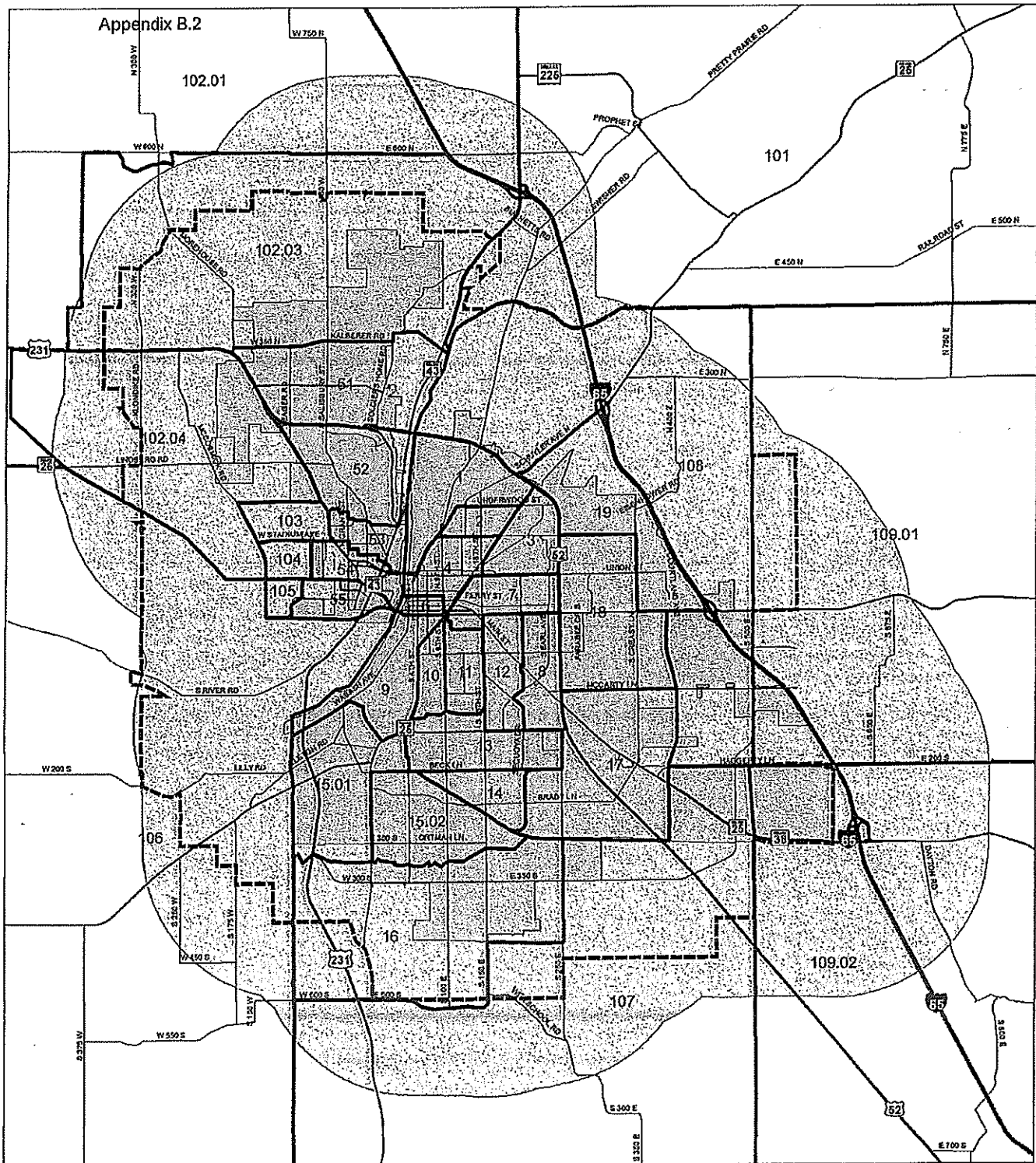
FIPS State Code	FIPS County Code	Census Tract Code	Area Name (State or County)	Language Code	Language	Number of speakers
18	157	000000	Tippecanoe County	000	English only	124060
18	157	000000	Tippecanoe County	625	Spanish	7275
18	157	000000	Tippecanoe County	708	Chinese	1400
18	157	000000	Tippecanoe County	620	French	735
18	157	000000	Tippecanoe County	724	Korean	735
18	157	000000	Tippecanoe County	607	German	695
18	157	000000	Tippecanoe County	663	Hindi	475
18	157	000000	Tippecanoe County	723	Japanese	460
18	157	000000	Tippecanoe County	777	Arabic	385
18	157	000000	Tippecanoe County	712	Mandarin	355
18	157	000000	Tippecanoe County	732	Indonesian	315
18	157	000000	Tippecanoe County	728	Vietnamese	185
18	157	000000	Tippecanoe County	664	Bengali	175
18	157	000000	Tippecanoe County	639	Russian	155
18	157	000000	Tippecanoe County	742	Tagalog	145
18	157	000000	Tippecanoe County	645	Polish	130
18	157	000000	Tippecanoe County	704	Tamil	130
18	157	000000	Tippecanoe County	619	Italian	125
18	157	000000	Tippecanoe County	629	Portuguese	120
18	157	000000	Tippecanoe County	667	Gujarathi	120
18	157	000000	Tippecanoe County	656	Persian	115
18	157	000000	Tippecanoe County	701	Telugu	115
18	157	000000	Tippecanoe County	691	Turkish	110
18	157	000000	Tippecanoe County	711	Cantonese	105
18	157	000000	Tippecanoe County	637	Greek	95
18	157	000000	Tippecanoe County	739	Malay	85
18	157	000000	Tippecanoe County	714	Formosan	80
18	157	000000	Tippecanoe County	702	Kannada	65
18	157	000000	Tippecanoe County	666	Marathi	60
18	157	000000	Tippecanoe County	610	Dutch	55
18	157	000000	Tippecanoe County	671	Urdu	55
18	157	000000	Tippecanoe County	682	Hungarian	55
18	157	000000	Tippecanoe County	796	Kru, Ibo, Yoruba	55
18	157	000000	Tippecanoe County	641	Ukrainian	50
18	157	000000	Tippecanoe County	651	Serbian	50
18	157	000000	Tippecanoe County	703	Malayalam	50
18	157	000000	Tippecanoe County	720	Thai	50
18	157	000000	Tippecanoe County	791	Swahili	45
18	157	000000	Tippecanoe County	614	Swedish	40
18	157	000000	Tippecanoe County	647	Bulgarian	40
18	157	000000	Tippecanoe County	616	Norwegian	30
18	157	000000	Tippecanoe County	654	Lettish	30





18	157	000000	Tippecanoe County	653	Lithuanian	20
18	157	000000	Tippecanoe County	655	Armenian	20
18	157	000100	Tippecanoe County	000	English only	1800
18	157	000100	Tippecanoe County	625	Spanish	105
18	157	000200	Tippecanoe County	000	English only	1655
18	157	000200	Tippecanoe County	625	Spanish	80
18	157	000300	Tippecanoe County	000	English only	2690
18	157	000300	Tippecanoe County	625	Spanish	290
18	157	000400	Tippecanoe County	000	English only	3710
18	157	000400	Tippecanoe County	625	Spanish	410
18	157	000400	Tippecanoe County	620	French	35
18	157	000600	Tippecanoe County	000	English only	505
18	157	000700	Tippecanoe County	000	English only	2795
18	157	000700	Tippecanoe County	625	Spanish	255
18	157	000700	Tippecanoe County	607	German	40
18	157	000800	Tippecanoe County	000	English only	1670
18	157	000800	Tippecanoe County	625	Spanish	130
18	157	000900	Tippecanoe County	000	English only	2870
18	157	000900	Tippecanoe County	625	Spanish	270
18	157	001000	Tippecanoe County	000	English only	1420
18	157	001000	Tippecanoe County	625	Spanish	55
18	157	001100	Tippecanoe County	000	English only	2870
18	157	001100	Tippecanoe County	625	Spanish	85
18	157	001200	Tippecanoe County	000	English only	2770
18	157	001200	Tippecanoe County	607	German	25
18	157	001300	Tippecanoe County	000	English only	3840
18	157	001300	Tippecanoe County	625	Spanish	525
18	157	001200	Tippecanoe County	625	Spanish	200
18	157	001400	Tippecanoe County	000	English only	2800
18	157	001400	Tippecanoe County	625	Spanish	310
18	157	001501	Tippecanoe County	000	English only	2880
18	157	001501	Tippecanoe County	625	Spanish	245
18	157	001502	Tippecanoe County	000	English only	4350
18	157	001502	Tippecanoe County	625	Spanish	280
18	157	001600	Tippecanoe County	000	English only	5680
18	157	001600	Tippecanoe County	625	Spanish	45
18	157	001600	Tippecanoe County	607	German	40
18	157	001600	Tippecanoe County	620	French	30
18	157	001700	Tippecanoe County	000	English only	4250
18	157	001700	Tippecanoe County	625	Spanish	585
18	157	001800	Tippecanoe County	000	English only	2450
18	157	001800	Tippecanoe County	625	Spanish	835
18	157	001900	Tippecanoe County	000	English only	3530
18	157	001900	Tippecanoe County	625	Spanish	155
18	157	001900	Tippecanoe County	620	French	25
18	157	005100	Tippecanoe County	000	English only	6470
18	157	005100	Tippecanoe County	625	Spanish	215
18	157	005100	Tippecanoe County	777	Arabic	115
18	157	005100	Tippecanoe County	708	Chinese	85
18	157	005100	Tippecanoe County	712	Mandarin	70
18	157	005100	Tippecanoe County	724	Korean	70
18	157	005100	Tippecanoe County	732	Indonesian	70

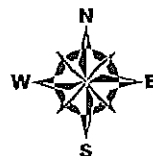
18	157	005100	Tippecanoe County	607	German	40
18	157	005100	Tippecanoe County	645	Polish	40
18	157	005100	Tippecanoe County	620	French	35
18	157	005200	Tippecanoe County	000	English only	3640
18	157	005200	Tippecanoe County	625	Spanish	185
18	157	005200	Tippecanoe County	708	Chinese	120
18	157	005200	Tippecanoe County	664	Bengali	65
18	157	005200	Tippecanoe County	620	French	45
18	157	005200	Tippecanoe County	723	Japanese	45
18	157	005300	Tippecanoe County	000	English only	2570
18	157	005300	Tippecanoe County	625	Spanish	135
18	157	005300	Tippecanoe County	732	Indonesian	100
18	157	005300	Tippecanoe County	711	Cantonese	50
18	157	005300	Tippecanoe County	777	Arabic	35
18	157	005300	Tippecanoe County	723	Japanese	25
18	157	005400	Tippecanoe County	000	English only	5360
18	157	005400	Tippecanoe County	625	Spanish	255
18	157	005400	Tippecanoe County	663	Hindi	160
18	157	005400	Tippecanoe County	708	Chinese	80
18	157	005400	Tippecanoe County	704	Tamil	50
18	157	005400	Tippecanoe County	723	Japanese	40
18	157	005400	Tippecanoe County	712	Mandarin	35
18	157	005400	Tippecanoe County	620	French	30
18	157	005400	Tippecanoe County	724	Korean	30
18	157	005400	Tippecanoe County	619	Italian	25
18	157	005400	Tippecanoe County	739	Malay	25
18	157	005500	Tippecanoe County	000	English only	3850
18	157	005500	Tippecanoe County	625	Spanish	175
18	157	005500	Tippecanoe County	708	Chinese	150
18	157	005500	Tippecanoe County	724	Korean	110
18	157	005500	Tippecanoe County	663	Hindi	70
18	157	005500	Tippecanoe County	777	Arabic	70
18	157	005500	Tippecanoe County	620	French	65
18	157	005500	Tippecanoe County	607	German	40
18	157	005500	Tippecanoe County	712	Mandarin	25
18	157	005500	Tippecanoe County	711	Cantonese	20
18	157	005500	Tippecanoe County	691	Turkish	15
18	157	010100	Tippecanoe County	000	English only	5075
18	157	010100	Tippecanoe County	625	Spanish	70
18	157	010100	Tippecanoe County	607	German	4
18	157	010201	Tippecanoe County	000	English only	4160
18	157	010201	Tippecanoe County	625	Spanish	80
18	157	010203	Tippecanoe County	000	English only	3065
18	157	010203	Tippecanoe County	625	Spanish	85
18	157	010204	Tippecanoe County	000	English only	4710
18	157	010204	Tippecanoe County	625	Spanish	270
18	157	010204	Tippecanoe County	708	Chinese	100
18	157	010204	Tippecanoe County	620	French	65
18	157	010204	Tippecanoe County	723	Japanese	65
18	157	010204	Tippecanoe County	724	Korean	65
18	157	010204	Tippecanoe County	732	Indonesian	65
18	157	010204	Tippecanoe County	712	Mandarin	30

18	157	010300	Tippecanoe County	000	English only	3345
18	157	010300	Tippecanoe County	625	Spanish	105
18	157	010300	Tippecanoe County	663	Hindi	80
18	157	010300	Tippecanoe County	607	German	55
18	157	010300	Tippecanoe County	667	Gujarathi	30
18	157	010300	Tippecanoe County	620	French	25
18	157	010300	Tippecanoe County	708	Chinese	25
18	157	010300	Tippecanoe County	703	Malayalam	20
18	157	010300	Tippecanoe County	777	Arabic	20
18	157	010400	Tippecanoe County	000	English only	5850
18	157	010400	Tippecanoe County	625	Spanish	300
18	157	010400	Tippecanoe County	620	French	100
18	157	010400	Tippecanoe County	607	German	80
18	157	010400	Tippecanoe County	663	Hindi	65
18	157	010400	Tippecanoe County	708	Chinese	40
18	157	010400	Tippecanoe County	691	Turkish	35
18	157	010400	Tippecanoe County	712	Mandarin	35
18	157	010400	Tippecanoe County	664	Bengali	30
18	157	010400	Tippecanoe County	724	Korean	30
18	157	010400	Tippecanoe County	667	Gujarathi	20
18	157	010400	Tippecanoe County	723	Japanese	20
18	157	010500	Tippecanoe County	000	English only	555
18	157	010500	Tippecanoe County	708	Chinese	605
18	157	010500	Tippecanoe County	724	Korean	290
18	157	010500	Tippecanoe County	625	Spanish	135
18	157	010500	Tippecanoe County	712	Mandarin	55
18	157	010500	Tippecanoe County	777	Arabic	45
18	157	010500	Tippecanoe County	620	French	30
18	157	010600	Tippecanoe County	000	English only	4450
18	157	010600	Tippecanoe County	625	Spanish	80
18	157	010600	Tippecanoe County	708	Chinese	75
18	157	010700	Tippecanoe County	000	English only	1515
18	157	010800	Tippecanoe County	000	English only	4000
18	157	010800	Tippecanoe County	625	Spanish	120
18	157	010901	Tippecanoe County	000	English only	4775
18	157	010901	Tippecanoe County	625	Spanish	85
18	157	010902	Tippecanoe County	000	English only	2740
18	157	010902	Tippecanoe County	625	Spanish	30
18	157	010902	Tippecanoe County	607	German	10
18	157	011000	Tippecanoe County	000	English only	3395
18	157	011000	Tippecanoe County	625	Spanish	60

Census Tracts for CityBus



-  Census Tracts
-  Municipal Boundaries
-  Tax District
-  2 Mile Buffer Zone



 Miles
0 0.5 1 2

The Area Plan Commission
of Tippecanoe County

Date: May 2009

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at: <http://www.tippecanoe.in.gov/gis/Disclaimer.htm>

Ability to Speak English

B16005. NATIVITY BY LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK ENGLISH FOR THE POPULATION 5 YEARS AND OVER - Universe: POPULATION 5 YEARS AND OVER

Data Set: 2005-2007 American Community Survey 3-Year Estimates

Survey: American Community Survey

NOTE. Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

View the collapsed version of this table. Geographies missing from this table are listed below the table.

Tippecanoe County, Indiana		
	Estimate	Margin of Error
Total:	150,221	+/-5
Native:	134,485	+/-1,011
Speak only English	128,348	+/-1,032
Speak Spanish:	3,537	+/-592
Speak English "very well"	2,565	+/-574
Speak English "well"	618	+/-242
Speak English "not well"	295	+/-177
Speak English "not at all"	58	+/-70
Speak other Indo-European languages:	1,447	+/-345
Speak English "very well"	1,236	+/-321
Speak English "well"	135	+/-91
Speak English "not well"	76	+/-73
Speak English "not at all"	0	+/-151
Speak Asian or Pacific Island languages:	1,014	+/-266
Speak English "very well"	832	+/-286
Speak English "well"	89	+/-87
Speak English "not well"	88	+/-96
Speak English "not at all"	5	+/-9
Speak other languages:	139	+/-107
Speak English "very well"	122	+/-95
Speak English "well"	17	+/-28
Speak English "not well"	0	+/-151
Speak English "not at all"	0	+/-151
Foreign born:	15,736	+/-1,011
Speak only English	2,190	+/-525
Speak Spanish:	5,207	+/-530
Speak English "very well"	1,191	+/-376
Speak English "well"	988	+/-369
Speak English "not well"	1,887	+/-560
Speak English "not at all"	1,141	+/-550
Speak other Indo-European languages:	2,601	+/-630
Speak English "very well"	1,873	+/-508
Speak English "well"	619	+/-271
Speak English "not well"	89	+/-81
Speak English "not at all"	20	+/-34
Speak Asian or Pacific Island languages:	5,265	+/-553
Speak English "very well"	2,811	+/-470
Speak English "well"	1,834	+/-337
Speak English "not well"	570	+/-217

Tippecanoe County, Indiana		
Speak English "not at all"	50	+/-79
Speak other languages:	473	+/-225
Speak English "very well"	364	+/-185
Speak English "well"	109	+/-88
Speak English "not well"	0	+/-151
Speak English "not at all"	0	+/-151

Source: U.S. Census Bureau, 2005-2007 American Community Survey

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.


While the 2007 American Community Survey (ACS) data generally reflect the December 2006 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities. The 2007 Puerto Rico Community Survey (PRCS) data generally reflect the December 2005 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in PRCS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2000 data. Boundaries for urban areas have not been updated since Census 2000. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Explanation of Symbols:

1. An "****" entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An "L" entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An "L" following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An "U" following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An "****" entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An "*****" entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.

Standard Error/Variance documentation for this dataset:
2005-2007 Accuracy of the Data

The letters PDF or symbol  indicate a document is in the Portable Document Format (PDF). To view the file you will need the Adobe® Acrobat® Reader, which is available for free from the Adobe web site.

Appendix B.4

Speaking by City

C16005. NATIVITY BY LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK ENGLISH FOR THE POPULATION 5 YEARS AND OVER - Universe: POPULATION 5 YEARS AND OVER

Data Set: 2005-2007 American Community Survey 3-Year Estimates

Survey: American Community Survey

NOTE. Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and eslim housing units for states and counties.

For information on confidentiality protection, sampling error, nonsampling error, and definitions, see [Survey Methodology](#).

View the [noncollapsed version](#) of this table.

	Lafayette city, Indiana		West Lafayette city, Indiana	
	Estimate	Margin of Error	Estimate	Margin of Error
Total:	58,059	+/-1,350	26,869	+/-900
Native:	52,585	+/-1,406	21,628	+/-985
Speak only English	50,054	+/-1,461	20,276	+/-989
Speak Spanish:	2,243	+/-509	285	+/-128
Speak English "very well"	1,607	+/-451	251	+/-124
Speak English less than "very well"	636	+/-300	34	+/-43
Speak other Indo-European languages:	251	+/-118	457	+/-197
Speak English "very well"	220	+/-109	431	+/-199
Speak English less than "very well"	31	+/-37	26	+/-34
Speak Asian or Pacific Island languages:	37	+/-58	505	+/-170
Speak English "very well"	37	+/-58	438	+/-189
Speak English less than "very well"	0	+/-151	67	+/-81
Speak other languages:	0	+/-151	105	+/-91
Speak English "very well"	0	+/-151	105	+/-91
Speak English less than "very well"	0	+/-151	0	+/-151
Foreign born:	5,474	+/-704	5,241	+/-684
Speak only English	570	+/-285	834	+/-265
Speak Spanish:	3,753	+/-642	176	+/-152
Speak English "very well"	675	+/-319	142	+/-143
Speak English less than "very well"	3,078	+/-696	34	+/-55
Speak other Indo-European languages:	600	+/-305	1,406	+/-464
Speak English "very well"	473	+/-276	1,031	+/-392
Speak English less than "very well"	127	+/-113	375	+/-213
Speak Asian or Pacific Island languages:	503	+/-281	2,634	+/-524
Speak English "very well"	253	+/-183	1,728	+/-383
Speak English less than "very well"	250	+/-156	906	+/-324
Speak other languages:	48	+/-58	191	+/-143
Speak English "very well"	48	+/-58	133	+/-109
Speak English less than "very well"	0	+/-151	58	+/-57

Source: U.S. Census Bureau, 2005-2007 American Community Survey

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see [Accuracy of the Data](#)). The effect of nonsampling error is not represented in these tables.

While the 2007 American Community Survey (ACS) data generally reflect the December 2006 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the

principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities. The 2007 Puerto Rico Community Survey (PRCS) data generally reflect the December 2005 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in PRCS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

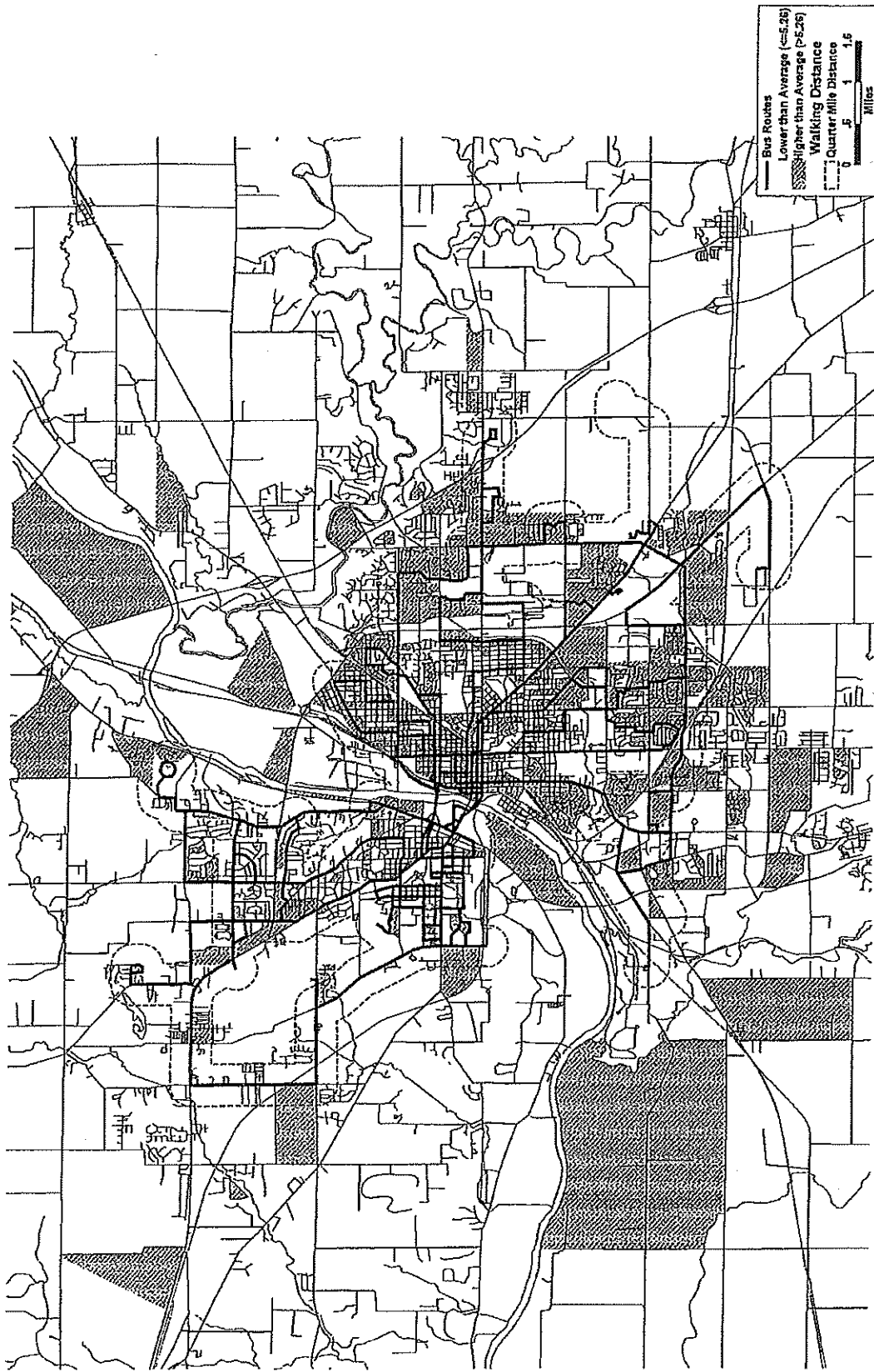
Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2000 data. Boundaries for urban areas have not been updated since Census 2000. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Explanation of Symbols:

1. An "****" entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
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**Standard Error/Variance documentation for this dataset:
2005-2007 Accuracy of the Data**

**2000 Census Blocks having a higher than average percentage of Hispanic Population
Compared to CityBus Routes and 1/4 Mile Walking Distance Area**



School Corporation Data

Source: Indiana Department of Education (<http://www.doe.in.gov>)

Limited English Students by School Corporation (SY2007-2008)

	LEP Students
Lafayette School Corp.	1076
West Lafayette School Corp.	103

Minority Enrollment in Lafayette Schools (SY2008-2009)

Jefferson H.S.		No. Students
Total Enrollment		2406
Hispanic	15%	361
Asian	0%	0

Bunnyside Middle School		No. Students
Total Enrollment		480
Hispanic	17%	82
Asian	1%	5

Tocumseh Middle School		No. Students
Total Enrollment		1064
Hispanic	20%	213
Asian	1%	11

Earhart Elementary		No. Students
Total Enrollment		483
Hispanic	16%	77
Asian	1%	5

Edgelea Elementary		No. Students
Total Enrollment		606
Hispanic	22%	133
Asian	0%	0

Glen Acres Elementary		No. Students
Total Enrollment		471
Hispanic	37%	174
Asian	1%	5

Miami Elementary		No. Students
Total Enrollment		485
Hispanic	31%	150
Asian	0%	0

Miller Elementary		No. Students
Total Enrollment		388
Hispanic	10%	39
Asian	0%	0

Murdock Elementary		No. Students
Total Enrollment		241
Hispanic	15%	36
Asian	0%	0

Oakland Elementary		No. Students
Total Enrollment		282
Hispanic	6%	17
Asian	0%	0

Vinton Elementary		No. Students
Total Enrollment		475
Hispanic	26%	124
Asian	0%	0

Minority Enrollment in West Lafayette Schools (SY2008-2009)

West Lafayette Jr./Sr. High		No. Students
Total Enrollment		1026
Hispanic	4%	41
Asian	17%	174

Cumberland Elementary		No. Students
Total Enrollment		590
Hispanic	2%	12
Asian	19%	112

Happy Hollow Elementary		No. Students
Total Enrollment		446
Hispanic	3%	13
Asian	23%	103

Department of Labor Data for Tecumseh Area Partnership

Table 1. Ability to Speak English by Language Spoken at Home
 Universe: Total population
 Geography: Indiana

Tecumseh Area Partnership
 18030 LWTA#

Language Spoken at Home	Speak English "very well"		Speak English "well"		Speak English "not well"		Speak English "not at all"		Total Number	Total Percent
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Total population	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	301,680	100.0
Not in universe (population under 5 years)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	19,005	6.3
Speak only English	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	259,665	86.1
Speak language other than English	12,650	55.0	5,390	23.4	3,640	15.8	1,330	5.8	23,010	7.6
African languages	180	90.3	4	2.8	10	6.9	0	0.0	144	0.1
Arabic	225	53.7	145	34.6	45	10.7	4	1.0	419	0.1
Armenian	20	100.0	0	0.0	0	0.0	0	0.0	20	0.0
Chinese	850	43.0	980	48.6	125	6.3	20	1.0	1,975	0.7
French (incl. Patois, Creole)	785	72.4	120	11.1	175	16.1	4	0.4	1,084	0.4
German	1,075	100.0	0	0.0	0	0.0	0	0.0	1,075	0.4
Greek	105	91.3	10	8.7	0	0.0	0	0.0	1,295	0.4
Gujarathi	115	92.0	10	8.0	0	0.0	0	0.0	115	0.0
Hebrew	20	100.0	0	0.0	0	0.0	0	0.0	20	0.0
Hindi	405	83.9	70	14.5	4	0.8	4	0.8	483	0.2
Hungarian	40	66.7	20	33.3	0	0.0	0	0.0	60	0.0
Italian	105	91.8	30	17.7	35	20.6	0	0.0	170	0.1
Japanese	265	52.6	145	28.8	50	17.9	4	0.8	504	0.2
Korean	265	33.5	365	46.2	145	18.4	15	1.9	790	0.3
Laotian	10	33.3	0	0.0	20	66.7	0	0.0	30	0.0
Miao, Hmong	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mon-Khmer, Cambodian	10	50.0	0	0.0	10	50.0	0	0.0	20	0.0
Navajo	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other and unspecified languages	35	47.3	20	27.0	4	5.4	15	20.3	74	0.0
Other Asian languages	305	62.2	185	37.8	0	0.0	0	0.0	490	0.2
Other Indic languages	315	78.8	65	16.3	20	5.0	0	0.0	400	0.1
Other Indo-European languages	90	90.0	10	10.0	0	0.0	0	0.0	100	0.0
Other Native North American languages	10	100.0	0	0.0	0	0.0	0	0.0	10	0.0
Other Pacific Island languages	160	37.7	240	56.5	25	5.9	0	0.0	425	0.1
Other Slavic languages	135	81.8	30	18.2	0	0.0	0	0.0	165	0.1
Other West Germanic languages	70	100.0	0	0.0	0	0.0	0	0.0	70	0.0
Persian	60	54.6	40	36.4	0	0.0	10	9.1	110	0.0
Polish	95	55.9	65	35.2	10	5.9	0	0.0	170	0.1
Portuguese or Portuguese Creole	105	84.0	20	16.0	0	0.0	0	0.0	125	0.0
Russian	105	60.0	50	28.6	20	11.4	0	0.0	175	0.1
Scandinavian languages	90	91.8	4	4.1	0	0.0	0	0.0	98	0.0
Serbo-Croatian	95	79.2	10	8.3	15	12.5	0	0.0	120	0.0
Spanish or Spanish Creole	6,205	48.8	2,500	19.7	2,750	21.7	1,250	9.8	12,705	4.2
Tagalog	120	70.6	35	20.8	15	8.8	0	0.0	170	0.1
Thai	35	70.0	15	30.0	0	0.0	0	0.0	50	0.0
Urdu	60	80.0	15	20.0	0	0.0	0	0.0	75	0.0
Vietnamese	125	58.1	20	9.3	70	32.6	0	0.0	215	0.1
Yiddish	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0